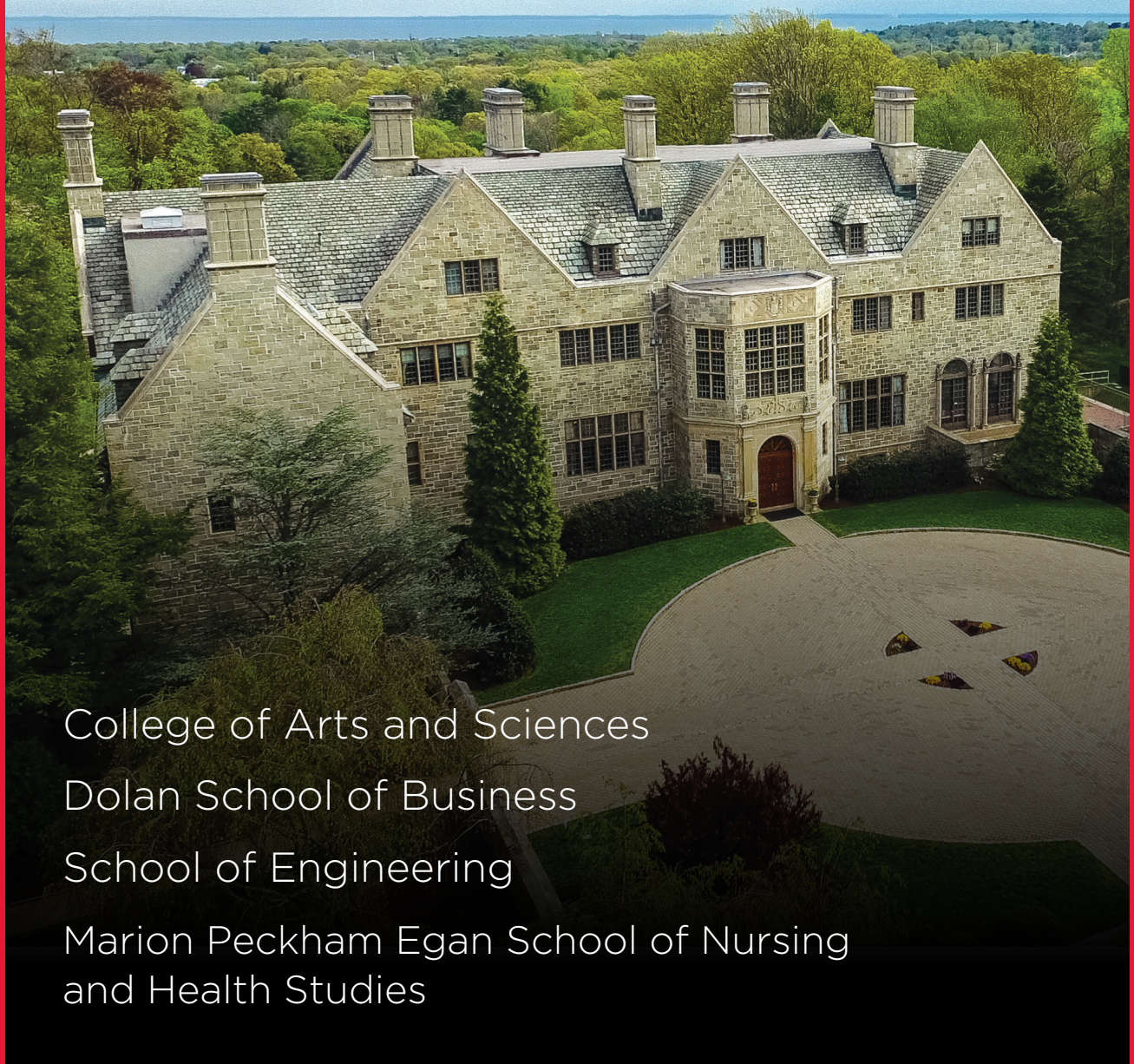




# FAIRFIELD UNIVERSITY UNDERGRADUATE ACADEMIC CATALOG 2020-2021



College of Arts and Sciences

Dolan School of Business

School of Engineering

Marion Peckham Egan School of Nursing  
and Health Studies

**FAIRFIELD UNIVERSITY**



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# UNDERGRADUATE ACADEMIC CATALOG

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## A Message from the President

Dear Student,

Welcome to Fairfield! We are fortunate to have a remarkable learning community here at Fairfield, and we are pleased you have joined us.

As a Fairfield University student, you join one of the oldest and most successful academic traditions in the world: the Jesuit educational community, which has been forming leaders in the arts, sciences, humanities, and business for almost 500 years.

The essence of our approach, which has always been at the core of Jesuit education, is that we form and develop the whole person. We are committed to unlocking human potential; your potential.

Our first-rate faculty will help you identify where your passions lie and guide you as your interests come into focus, leading you toward an exciting future. At the same time, Fairfield offers almost limitless opportunities for you to grow as a person: by studying abroad, learning a new language, joining one of over 100 student clubs, and by living in a close-knit residential community where you will make friends that will remain alongside you for the rest of your life.

We are also fortunate to be located in one of the most beautiful towns in New England; a thriving beach town just over an hour from New York City. This means our students have access to internships, research, and job opportunities at some of the world's most dynamic corporations, arts and cultural institutions, and universities. Because we have earned a reputation for excellence in all that we do, 98 percent of our undergraduate alumni are employed or in post-graduate study or meaningful volunteer work within six months of receiving their Fairfield degree, while our post-graduate students are eagerly sought after by employers.

Fairfield has much to offer and we believe that you have much to offer us. Have a look through this course catalog to learn more about how Fairfield can be the key to your future. Don't hesitate to contact us if you have any questions along the way.

With warmest regards,

**Mark R. Nemec, PhD**

President

Professor of Politics

# FAIRFIELD UNIVERSITY UNDERGRADUATE OVERVIEW

Founded in 1942, Fairfield University is a Jesuit and Catholic University that is rooted in one of the world's oldest intellectual and spiritual traditions. Fairfield prepares students for leadership and service in a constantly changing world through broad intellectual inquiry, the pursuit of social justice, and cultivation of the whole person: body, mind, and spirit. Students choose Fairfield because of its integrated approach to learning which results in graduates who are intellectually prepared and adaptable to face the ever-changing issues of the 21st century.

Located in the coastal town of Fairfield, Connecticut, the University's 200-acre campus is just one hour outside New York City, in the heart of a region with the largest concentration of Fortune 500 companies in the nation. Fairfield has a student population of approximately 5000 students; 4000 undergraduates and 1000 graduate students. Students represent 37 states, Washington, D.C., and 50 countries, and are enrolled in the University's five schools: the College of Arts and Sciences, the Charles F. Dolan School of Business, the Graduate School of Education and Allied Professions, the School of Engineering, and the Marion Peckham Egan School of Nursing and Health Studies.

Fairfield offers a wide range of opportunities for research, internships, service, civic engagement, and personal enrichment through a comprehensive core curriculum, over 45 undergraduate majors, 20 interdisciplinary minors, 39 master's degree programs and 4 doctoral programs, 20 Division I athletic teams, and over 100 student clubs and organizations. A significant achievement for Fairfield University is that over 68 graduates have been tapped as Fulbright scholars since 1993.

In addition to a four-year honors program, five-year combined degree programs, and part-time study opportunities, Fairfield offers its own study abroad programs in six different countries and is affiliated with more than 60 other study abroad programs on 5 continents.

When considering an applicant for admission, Fairfield looks at measures of academic achievement, students' curricular and extracurricular activities, their life skills and accomplishments, and the degree to which they have an appreciation for Fairfield's mission and outlook. Students are challenged to be creative and active members of a community in which diversity is encouraged and honored.

Fairfield University has developed a unique educational model to ensure that students receive the motivating guidance they need to reach their fullest potential. The integration of living and learning is at the heart of a Fairfield education. Students learn what it means to be a fully engaged member of the campus community by participating in a living and learning community based on their interests. With an impressive 12:1 student to faculty ratio, Fairfield's faculty get to know their students as individuals and encourage them to develop and follow their passion through internships, volunteer and research opportunities, and a course of study that deepens and expands their knowledge. Full integration of all learning opportunities helps students discern how they want to put their gifts and education to work in the world. As a result of this holistic model of education and focus on career-oriented activities and internships, Fairfield University graduates have been highly successful in gaining admission to selective graduate schools, while others go on to achieving successful and satisfying careers.

Surveys returned from Fairfield's Class of 2019 reveal that within six months 98% are either employed, attending graduate school or participating in volunteer service.

## University Mission

Fairfield University, founded by the Society of Jesus, is a coeducational institution of higher learning whose primary objectives are to develop the creative intellectual potential of its students and to foster in them ethical and religious values, and a sense of social responsibility. Jesuit education, which began in 1547, is committed today to the service of faith, of which the promotion of justice is an absolute requirement.

Fairfield is Catholic in both tradition and spirit. It celebrates the God-given dignity of every human person. As a Catholic university, it welcomes those of all beliefs and traditions who share its concerns for scholarship, justice, truth, and freedom, and it values the diversity that their membership brings to the University community.

Fairfield educates its students through a variety of scholarly and professional disciplines. All of its schools share a liberal and humanistic perspective, and a commitment to excellence. Fairfield encourages a respect for all the disciplines - their similarities, their differences, and their interrelationships. In particular, in its undergraduate schools, it provides all students with a broadly based general education curriculum with a special emphasis on the traditional humanities as a complement to the more specialized preparation in disciplines and professions provided by the major programs. Fairfield is also committed to the needs of society for liberally educated professionals. It meets the needs of its students to assume positions in this society through its undergraduate and graduate professional schools and programs.

A Fairfield education is a liberal education, characterized by its breadth and depth. It offers opportunities for individual and common reflection, and it provides training in such essential human skills as analysis, synthesis, and communication. The liberally educated person is able to assimilate and organize facts, to evaluate knowledge, to identify issues, to use appropriate methods of reasoning, and to convey conclusions persuasively in written and spoken word. Equally essential to liberal education is the development of the aesthetic dimension of human nature, the power to imagine, to intuit, to create, and to appreciate. In its fullest sense, liberal education initiates students at a mature level into their culture, its past, its present, and its future.

Fairfield recognizes that learning is a lifelong process and sees the education that it provides as a foundation upon which its students may continue to build within their chosen areas of scholarly study or professional development. It also seeks to foster in its students a continuing intellectual curiosity and a desire for self-education that will extend to the broad range of areas to which they have been introduced in their studies.

As a community of scholars, Fairfield gladly joins in the broader task of expanding human knowledge and deepening human understanding, and to this end it encourages and supports the scholarly research and artistic production of its faculty and students.

Fairfield has a further obligation to the wider community of which it is a part, to share with its neighbors its resources and its special expertise for the betterment of the community as a whole. Faculty and students are encouraged to participate in the larger community through service and academic activities. But most of all, Fairfield serves the wider community

by educating its students to be socially aware and morally responsible people.

Fairfield University values each of its students as an individual with unique abilities and potentials, and it respects the personal and academic freedom of its members. At the same time, it seeks to develop a greater sense of community within itself, a sense that all of its members belong to and are involved in the University, sharing common goals and a common commitment to truth and justice, and manifesting in their lives the common concern for others which is the obligation of all educated, mature human beings.

## Diversity Vision Statement

Members of the Fairfield University community are committed to respecting and valuing one another, finding the common good rooted in us all, and working collaboratively to achieve our potential as a modern Jesuit Catholic institution. We aspire to be an inclusive, welcoming community that is representative of an ever-changing and diverse global populace. The Jesuit tradition of *cura personalis*, care for the whole person, animates our mission. We educate people who serve for and with others within the rich tapestry of cultures that comprise our contemporary world.

By encouraging dialogue, communication, community partnerships, and a culture of understanding, we foster in our students, faculty, and staff the capacity and desire to build a better world through productive citizenship and societal stewardship.

At Fairfield University, we advance this mission through:

- **Inclusive Excellence** as a critical dimension of our academic mission. We strive to educate through engaging with the broadest possible range of dynamic ideas, perspectives, and identities in an ever-changing world. Embracing the challenges of competing viewpoints is integral to the rigor of our academic enterprise, pushing the horizons of what is known and possible as we pursue our commitment to excellence in teaching and learning.
- **A Diverse Community**, which is a distinguishing hallmark of Jesuit education. We recognize the inherent value and dignity of each person, guided by our Jesuit heritage as informed by the contemporary context. Fairfield is committed to shaping a community of learners from diverse social, economic, racial, cultural, national, and religious backgrounds.
- **Global Engagement** as a defining outcome of a modern Fairfield education. We hope to develop people to serve as global citizens, at home in the world, able to engage in diverse cultural circumstances with an open mind and the capacity to empathize with the perspectives of others. We actively promote an awareness of and sensitivity toward the full range of differences within and well beyond our community of learners.
- **Radical Hospitality** as a way of relating with others, shaped by our Jesuit traditions. Fairfield recognizes the importance of learning about, and living in, an increasingly interconnected, intercultural world and reflects this by striving to become a microcosm of the global community, in which the other is unconditionally welcomed, respected, and valued.

Through radical hospitality, we welcome and invite all into our learning community. We are committed to pursuing shared standards of excellence. In these ways, Fairfield University strives for the *magis* ('the more') in a way that defines modern Jesuit Catholic education.

## Academic Calendar

The University Academic Calendar may be found on the Registrar's website (<https://wiki.fairfield.edu/display/OUR/Calendars/>). The University reserves the right to change dates and make additional changes whenever necessary.

## Academic Policies and General Regulations

### Philosophy of Education

Fairfield University has, as its primary objective, the development of the creative intellectual potential of its students within a context of liberal arts-based education in the Jesuit tradition.

Fairfield believes in the particular excellence of a liberal education. In an effort to achieve this objective, it requires each student to take courses in English writing, history, philosophy, religious studies, language, mathematics, natural science, social/behavioral science, visual/performing art, and literature. Thus assured of a basic, well-rounded education, students are free to pursue a major field of study in preparation for scholarly or professional pursuits.

To assist the student in the quest for truth, the University promotes dialogue between teacher and student, between student and student, between teacher and teacher. This dialogue takes place in an environment of absolute freedom of inquiry.

## Normal Academic Progress

### Academic Year

The academic year begins in early September and ends in late May, with recess periods in the winter and spring. It is divided into two semesters, each extending over a period of about 15 weeks. The semester hour is the unit of instructional credit. The class day begins at 8:00am and is divided into class periods of 50, 75, or 150 minutes and laboratory periods of two, three, or four hours.

### Admission Expectations

Undergraduate students admitted into the University on a full-time basis have the benefit of co-creating a premiere educational opportunity, one that attends to their educational, spiritual, vocational, and civic development across an intentional four-year course of study. We seek, of course, to expand students' awareness, during their time at Fairfield, of the many possibilities a Fairfield education makes available to them.

Undergraduate students admitted into the University on a full-time basis are expected to remain full-time until they graduate.

In the College of Arts and Sciences, the Dolan School of Business, the Egan School of Nursing and Health Studies, and the School of Engineering, consultation with the appropriate dean is required for a full-time student to switch to part-time status. Rules and their financial implications for movement from full-time to part-time will be clear at the time of matriculation. Reasons to switch may include personal hardship, such as a documented medical condition that requires a reasonable accommodation, unexpected and substantial family responsibilities, the first semester of return from an academic or medical leave of absence, fifth year seniors, etc.



Unexpected emergency situations that arise during a term would be handled through the normal withdrawal process. Part-time status may be an alternative to a full educational leave of absence.

## Course Load

Fairfield University desires to see all undergraduate students make normal progress toward graduation. The normal course load for a matriculated student is five courses (each bearing three or four credit hours) per semester, equivalent to 15 to 20 credit hours. To maintain full-time status, a matriculated student must be registered for a minimum of 12 credit hours each semester.

## Online Courses

All full-time undergraduate students are eligible to enroll in *one* online course per semester. Typically, first-year students may not enroll in online courses during their first semester. Exceptions to these procedures for full-time students may be made in extenuating circumstances and must be vetted through the academic dean.

Part-time students are not restricted to one online course.

Students should be aware that some online courses are condensed, requiring the workload of a traditional semester in only 5-7 weeks. Online courses sometimes have irregular start and end dates, often beginning at the halfway point of the semester. As with semester-long lecture-based courses, class enrollment is firmly capped, and availability may be limited.

## Credit Hours

Three-credit courses at Fairfield University meet for 150 minutes per week, equally divided over one, two, or three meetings. Four credit courses meet a minimum of 200 minutes per week in various configurations.

## Classification System

Student classification is based on total credit hours earned.

Class	Credit Hours Earned	Year
First Year	0-29	1
Sophomore	30-59	2
Junior	60-89	3
Senior	90+	4

## Degree Requirements

At the time of graduation, a student must have earned a minimum of 120 credits and completed at least 38 three- or four-credit courses, depending on the course of study. However, no simple accumulation of credits is sufficient in itself to qualify for a degree from Fairfield University. Rather, students are expected to have completed with success all of the assigned courses that constitute the curriculum of their choice. The curriculum consists of courses that fall into the required categories of core curriculum, major, and electives. A second major, minor, and concentration are also an option. Students must have a minimum grade average of 2.0 (C) or better overall and in their major. Students must abide by the terms of the University's residency requirement, set forth below. In addition, students are expected to complete their undergraduate degrees within 10 years of beginning their studies.

## Registration Requirement

All matriculated full-time undergraduate students must register for classes by December 1 for the following spring semester, and by May

1 for the following fall semester. If a student is not registered by these dates, the University will presume them to be withdrawn at the end of the current semester. At that time, all residence hall and financial aid commitments will be terminated.

## Residency Requirement

To merit a Fairfield University degree, at least 60 credits must be taken at Fairfield. Furthermore, the final 30 credits must be earned at Fairfield University.

## Graduation Information

Diplomas are awarded in January, May, and August. Students who have been awarded diplomas in the August or January dates just PRIOR to May are invited to participate in the May graduation ceremony.

Students who do not complete all of the requirements for their undergraduate degree may be granted permission by their Dean to participate in the Undergraduate Commencement ceremonies if they meet the following criteria:

- End of spring term major GPA and overall GPA: Student must have a minimum overall grade point average of 2.00 and must meet the appropriate major GPA, which is 2.00 unless otherwise stated.<sup>1</sup>
- Student must need no more than three classes to fulfill degree requirements. These courses must be taken at Fairfield in the summer immediately following Commencement.
- Student must send a written request to their Dean's office with proof of course registration by April 15th prior to Commencement.
- Student names will be announced at graduation, but they will not appear in the printed commencement materials.

<sup>1</sup> Students whose GPA is contingent on end of term grades will be notified of the approval or denial of their request when grades are posted.

## Attendance

### Class Attendance

All students are expected to attend every regularly scheduled class session. The impact of attendance on grading is specified in the syllabus for each course. Unexcused absences may be reported to the appropriate academic dean.

Faculty members should have a policy for dealing with student absence on the syllabus for each course. If a student will miss a class due to an illness/injury, the professor should be notified according to the policy on the syllabus. If a student will miss an exam, quiz or in class presentation due to illness/injury or another type of emergency, the professor should be contacted beforehand. A faculty member may request that the student provide verification of the absence from a health care provider. It is within the purview of the faculty member to determine when or whether a student absence will be excused.

For further information regarding student absences, please see the Policies and Procedures section of the Student Handbook.

## Released Time

A student participating in a University-sponsored event has the right to be excused without penalty or grade jeopardy from exams, student presentations, attendance, and other classroom events during that time,



provided the student makes up the required work in the fashion mutually agreed upon by the professor and the student.

Students participating in such University-sponsored events will be allowed to make up any major exams, tests, or quizzes they miss in a course when they are involved in a scheduled event provided that participating students, or the faculty moderator, inform all their professors in writing at the beginning of the semester, or as soon thereafter as possible, once scheduling is confirmed.

University-sponsored events covered by this policy are defined as follows:

- Athletics
  - all varsity sporting events, including post season tournaments
  - all club sporting events
- Others
  - concerts, plays, or other group performances where the absence of a member would detract from the overall performance
- Departmental Clubs are not included in this policy.

## Grading System

### Grades

The quality of student performance in coursework is graded according to the official marks of A, B, C, D, and F. These marks have the following meanings:

A	Outstanding achievement
B	Superior level of achievement
C	Acceptable level of achievement with course material
D	Minimal achievement, but passing
F	Unacceptable level of achievement; course must be repeated to obtain credit

The plus (+) may be added to grades of B or C to indicate work performed at the top of that range.

The minus (-) may be added to grades A, B, or C to indicate work performed below that range.

A semester's grade will normally be determined according to the following procedure:

Each course has a syllabus that details the evaluative components of the course and their weighting in determining the final grade

The form of the final, end-of-semester comprehensive evaluation (written examination, take-home, oral exam, paper, etc.) must appear on the syllabus at the beginning of the semester. No form of the final evaluation is to be due prior to the date assigned by the Registrar for that course's final examination. Students are not required to take more than two exams in any final exam day.

In addition to the foregoing academic grades, which indicate the quality of student performance, the notations I (Incomplete) or W (Withdrawal) may appear on a student's grade report.

For the grading policy related to courses taken at different international locations during one's time abroad, please refer to the Study Abroad section (p. 30) of this catalog.

### Grade Point Value

The official mark or final letter grade earned in a course is assigned grade points. The grade points per credit hour and numerical equivalency for letter grades are as follows:

Grade	Grade Points	Numerical Equivalent
A	4.00	93-100
A-	3.67	90-92
B+	3.33	87-89
B	3.00	83-86
B-	2.67	80-82
C+	2.33	77-79
C	2.00	73-76
C-	1.67	70-72
D	1.00	60-69
F	0.00	0-59

Each semester's course grades are computed into a weighted average. To determine a weighted grade point average, the number of credits per course is multiplied by the grade points earned per course. The total number of grade points for all courses is then divided by the number of credits attempted.

### Academic Alert System

The academic progress of undergraduate students, specifically first year students and NCAA athletes, is monitored through a comprehensive Academic Alert System administered through the Office of Academic Support and Retention in collaboration with the academic deans' offices. A month into the semester, faculty are encouraged to report Early Alerts for undergraduate students, defined as academic and/or behavioral concerns that present obstacles to student success. At the midpoint of each semester, faculty report Midterm Estimates, defined as grades of C-, D, or F, for all first year students. Although not required for upper-level students, faculty can choose to utilize the Midterm Estimate function for these cohorts too. The Academic Alert System remains open throughout the academic year and provides a seamless interface for reporting students of concern while also streamlining academic support processes and providing a holistic approach to supporting student development and engagement. Although not part of a student's official academic record, academic alerts raised are designed to allow faculty advisors and professional staff to review a student's academic progress throughout the year. Each student who receives an academic alert receives comprehensive information and an opportunity to meet with an academic administrator. The goal is to connect students who may be having difficulty or who are academically at-risk to appropriate academic and student support resources. Early intervention with students on the part of professors, faculty advisors, and campus personnel can improve students' persistence, engagement, and success.

### Grade Reports

Grades are available to all students by accessing the student web portal (my.Fairfield) at the end of each semester.

## Incomplete

A grade of 'I' is issued when, due to an emergency situation such as illness, a student arranges with the professor to complete some of the course requirements after the semester ends. All course work must be completed within 30 days after the beginning of the next regular semester. Any incomplete grades still outstanding after the 30-day extension will become Fs. This policy applies only to courses taken at Fairfield University. It does not apply to courses taken in Study Abroad programs. Please refer to the Study Abroad (p. 30) section of this catalog for additional information.

## Repeat Course Policy

When a student repeats a course that was failed, the new grade will be recorded. Grade point values will be averaged into the cumulative average, and the credits will count toward the degree. The original grade will remain on the transcript and be calculated into the cumulative average. When a student repeats a course for which the student has previously obtained a passing grade, the new course and grade will be recorded on the transcript with the notation, repeat course. The original grade and the repeated grade will be averaged into the GPA. The credit for the repeat course will not count toward the degree. The original grade will remain on the transcript.

## Transfer Credit

When students begin their university studies at other institutions and subsequently transfer to Fairfield University, the University accepts transfer credit under the following conditions:

- No courses with grades less than C will qualify for transfer.
- Credit will be granted only for specific work completed at regionally accredited institutions whose quality and course content have been approved by the University.
- Only credit hours, not grades, will transfer.
- Credits earned more than 10 years previous to a credit transfer request may not be able to be accepted.

All transfer credit must be approved by an undergraduate student's academic dean or an authorized representative of the Office of Academic Support and Retention. Every transfer student is required to complete at least 60 credits of undergraduate study at Fairfield in order to receive a Fairfield University bachelor's degree.

## Withdrawal from Courses

Students who wish to withdraw from a course after the initial add/drop period may do so through the end of the tenth week of a traditional semester provided that the student's academic dean, in consultation with the course instructor, finds withdrawal to be in the student's best interest (note that a student must maintain 12 credit hours for full-time status). After the tenth week in the semester, course withdrawal will only be granted in highly unusual circumstances, such as a documented health emergency. Withdrawal after the tenth week will not be permitted simply to prevent receipt of a grade that might not meet the student's satisfaction. Students who wish to withdraw from a winter or summer intersession course or an ASAP course (i.e., a 7 week course) may do so by the mid-point of the course. Students who have violated the academic honor code may not be eligible for withdrawal. In all approved cases, the University Registrar will record a grade of W (withdrawal) on the student's permanent record. To initiate a request to withdraw from a course, a student must complete a Course Withdrawal Form and meet with an authorized representative of their academic dean's office or the Office of Academic Support and Retention. A withdrawal may not be granted after

final grades have been submitted except in very rare cases, during which an instructor must file a change of grade form.

## Disruption of Academic Progress

### Academic Probation

Academic records will be formally reviewed at the end of the fall, spring, and summer terms. Students who do not meet the stated requirements will be placed on Academic Probation. The purpose of academic probation is to alert the student and the institution to the problems associated with the student's academic performance and to recommend or implement strategies for improvement. The continuation of poor academic performance will result in the dismissal of the student. Faculty advisors are notified of all advisees placed on academic probation.

A student placed on academic probation will remain on academic probation until the overall GPA is at or above the requirements specified below. A student will be removed from academic probation when the overall GPA is equal to or greater than the requisite GPA according to credits earned.

A student on academic probation is ineligible to participate in extracurricular or co-curricular activities. A student on academic probation may petition the Office of the Provost for the right to participate in extra- or co-curricular activities. The appeal must contain a valid and compelling reason why restriction of extra- or co-curricular activities is inappropriate, and must demonstrate effectively that the activity will contribute an improvement in academic performance.

First semester, first-year students with a GPA below 1.90 will not be placed on academic probation for their second semester, but they will lose their right to participate in extracurricular or co-curricular activities.

- Students with 29 or fewer credits earned by the end of the second semester, or the first year at Fairfield, will be placed on academic probation if the overall GPA is below 1.90.
- Students with 30-59 credits earned will be placed on academic probation if the overall GPA is below 1.90.
- Students with 60 or more credits earned will be placed on academic probation if the overall GPA is below 2.00.

### Academic Dismissal

Students meeting any of the following conditions will be dismissed from the University:

- A student who, regardless of academic standing, has received the grade of F in three or more 3- or 4-credit courses during the preceding 12 month period inclusive of all grades earned.
- A student with 29 or fewer credits earned, who regardless of incompletes, while on academic probation proceeds to earn a semester GPA below 1.90.
- A student with 30-59 credits earned, who regardless of incompletes, while on academic probation, proceeds to earn a semester GPA below 1.90.
- A student with 60 or more credits earned, who regardless of incompletes, while on academic probation proceeds to earn a semester GPA below 2.00.

Students are removed from registered courses based on the date of their dismissal letter. Students who have been dismissed from the University for reason of academic failure are expected to remain away for at least a full semester (fall or spring) before seeking readmission. Such individuals

lose all entitlement to institutionally funded financial aid. Except in extraordinary circumstances, students who are academically dismissed a second time will not be considered for readmission.

### READMISSION AFTER AN ACADEMIC DISMISSAL

Prior to formally requesting readmission after an academic dismissal, students should consult with their Academic Dean's Office. Formal request for readmission should be made at least three weeks before the start of the semester in which the student seeks to resume enrollment.

**Note:** Students are expected to remain away for at least a full semester (fall or spring) before seeking readmission. Except in extraordinary circumstances, students who are academically dismissed a second time will not be considered for readmission.

1. The student seeking readmission must write a letter stating the rationale for the request including why the student is ready to resume study. The letter should be sent in advance to the Vice Provost for Undergraduate Excellence or by email (asr@fairfield.edu). The letter should include the student's name, ID, address, phone, current school and major, new school and major (if requesting a change), returning semester, choice of full- or part-time studies and intention to live on campus or commute.
2. After formal review of the student's request, the Academic Dean's Office will recommend whether the student should or should not be readmitted. Recommendations for readmission are forwarded to the Vice Provost for Undergraduate Excellence, where a final decision will be rendered.
3. The Vice Provost for Undergraduate Excellence will send an official letter of acceptance or denial to the student, inclusive of any contingencies as deemed appropriate by the Academic Dean's Office. The student may not register for classes or be assigned University-housing until the official letter of readmission is reviewed and processed.
4. Residency: Students who were academically dismissed from Fairfield University and are readmitted as full time students will need to specifically request on-campus housing, and that request is subject to the review and approval of the Office of the Dean of Students.

Additional questions or concerns can be directed to the Academic Dean's Office.

### Voluntary Withdrawal from University

To apply for a voluntary withdrawal, a student must complete the following steps:

1. To discuss voluntarily withdrawing (for non-medical reasons); contact the appropriate Academic Dean's Office. This meeting is necessary to facilitate the withdrawal process and to discuss any future plans to return to the University.
  - College of Arts and Sciences, CNS 100, x2227
  - Dolan School of Business, DSBN 211, x3230
  - Egan School of Nursing and Health Studies, NHS 401, x4150
  - School of Engineering, BNW 167, x4147
2. The student must submit a written request for withdrawing from the University, including the reasons for the withdrawal. Voluntary withdrawals from the University are subject to the following conditions
  - a. There are no pending student conduct issues.
  - b. The student is not liable for academic withdrawal due to insufficient progress or excessive absence.

- c. The student has settled all financial obligations to the University.
- d. Voluntary withdrawals cannot be granted retroactively.

Note: If a student wants to withdraw when classes during the traditional semesters are not in session, the student must still submit a letter to the Academic Dean's Office.

### READMISSION AFTER A VOLUNTARY WITHDRAWAL

Prior to formally requesting readmission after a voluntary withdrawal, students should consult with their Academic Dean's Office and Office of the Dean of Students. Formal request for readmission should be made at least three weeks before the start of the semester in which the student seeks to resume enrollment.

1. The student seeking readmission must write a letter stating the rationale for the request including why the student is ready and wants to resume study. The letter should be sent in advance to the Vice Provost for Undergraduate Excellence or by email (asr@fairfield.edu). The letter should include the student's name, ID, address, phone, current school and major, new school and major (if requesting a change), returning semester, choice of full- or part-time studies and intention to live on campus or commute.
2. After formal review of the student's request, the Academic Dean's Office and the Office of the Dean of Students will assess whether the student should or should not be readmitted. Recommendations for readmission are forwarded to the Vice Provost for Undergraduate Excellence, where a final decision will be rendered.
3. The Vice Provost for Undergraduate Excellence will send an official letter of acceptance or denial to the student, inclusive of any contingencies as deemed appropriate by the Academic Dean's Office and/or the Office of the Dean of Students. The student may not register for classes or be assigned University-housing until the official letter of readmission is reviewed and processed.

Residency: Students who voluntarily withdrew from Fairfield University and are readmitted as full time students are expected to live on campus and will be assigned a residential space on campus by the Office of Residence Life at the time their readmission request is approved.

Additional questions or concerns can be directed to the Academic Dean's Office or the Office of the Dean of Students.

### Medical Withdrawal from the University

A medical withdrawal is an extraordinary remedy and is reserved for all full-time and part-time matriculated students, as well as non-matriculated students, who have been presented with circumstances of a physical or mental health condition preventing the student from remaining enrolled at the University. While each request for a withdrawal will be considered on its own merits, students should be aware that the following do not constitute circumstances which will support a request for a medical withdrawal:

- failing to attend class
- insufficient academic performance
- financial difficulties
- dissatisfaction with course materials or offerings
- change of interest or major
- inability to meet all curricular and extracurricular commitments

Medical withdrawals cannot be granted retroactively.

The following process applies to students who wish to withdraw from Fairfield University for medical reasons.

1. To discuss withdrawing as a student for medical reasons, contact the Office of the Dean of Students (x4211, BCC 408), the Student Health Center (x2241, Dolan Hall), or Counseling and Psychological Services (x2146, Dolan Hall). Information from personal or private physicians or psychologist is subject to review by the University, which has final decision making authority on the withdrawal request.
2. A request for a medical withdrawal (whether physical or mental health based) must include at a minimum:
  - An explanation of why the student is unable to perform the essential academic functions of a student.
  - Complete and timely documentation from a physician or other appropriate health care provider who is competent to provide an opinion as to the nature, severity, and duration of the illness, and has provided treatment for, and in relation to, the condition(s) which form the basis for the requested withdrawal. These documents should be sent to the Director of the Student Health Center or the Director of Counseling and Psychological Services.
  - Authorization from the requesting student to allow the director of the Student Health Center or the director of Counseling and Psychological Services to contact the attending medical or health care provider if, after review of the documentation provided, it is determined that more information is required.
3. If the request is granted, a student must arrange for the return of their StagCard and establish a move-out time and return of keys (if student lives on-campus) with the University. The institutional refund policy applies.
4. Students are expected to remain away for at least a full semester (fall or spring) after a medical withdrawal before seeking readmission, unless deemed otherwise by the director of the Student Health Center or Counseling and Psychological Services.

## READMISSION TO THE UNIVERSITY AFTER A MEDICAL WITHDRAWAL

Prior to requesting readmission after a medical withdrawal, all full-time and part-time matriculated students, as well as non-matriculated students, should consult with the Office of the Dean of Students. Requests for readmission are strongly encouraged to be submitted by August 1 for fall semester, December 15 for spring semester, and April 15 for summer term.

1. To seek readmission following a medical withdrawal, the student must submit a letter stating the rationale. A copy of the letter must be sent to the Vice Provost for Undergraduate Excellence (or by email (asr@fairfield.edu)), and to the Office of the Dean of Students via email (dosoffice@fairfield.edu). The letter should include the student's name, ID, address, phone, current school and major, new school and major (if requesting a change), returning semester, choice of full- or part-time studies and intention to live on campus or commute.
2. Students must submit a completed Post-Medical Withdrawal Readmission form to the Student Health Center (when medical situation is physical in nature) or Counseling and Psychological Services (when medical situation is psychological in nature). The requesting student may be asked to provide authorization allowing the director of the Student Health Center or the director of Counseling and Psychological Services to contact the student's medical or health

care provider if, after review of the documentation provided, it is determined that more information is required.

3. The Office of the Dean of Students will ask the Student Health Center or Counseling and Psychological Services for their evaluation of the request. Upon receipt of that information, the Office of the Dean of Students will contact the student to arrange an appointment in-person, if at all possible, or over the phone, if necessary, to review the request.
4. After formal review of the student's request for readmission, the Office of the Dean of Students and the academic Dean's office will assess whether the student should be readmitted or not. Recommendations for readmission are forwarded to the Vice Provost for Undergraduate Excellence, where a final decision will be rendered.
5. The Vice Provost for Undergraduate Excellence will send a notification regarding the student's request for readmission. If readmission is granted, it may include directives as deemed appropriate by the student's academic Dean's office and/or the Office of the Dean of Students. The student may not register for classes or be assigned University housing until the official letter of readmission is issued.

## QUICK OVERVIEW OF PROCESS

1. Student submits request for readmission to the Vice Provost for Undergraduate Excellence and Dean of Students.
2. The Vice Provost for Undergraduate Excellence and Dean of Students confirm receipt of request; instruct student to submit requisite information to Student Health Center or Counseling and Psychological Services.
3. Student Health Center or Counseling and Psychological Services determines whether or not to endorse the student's request and provides recommended parameters or directives, if necessary; determination and recommendation sent to the Dean of Students.
4. Dean of Students and student's Academic Dean's office provide readmission recommendation and any accompanying parameters or directives to the Vice Provost for Undergraduate Excellence.
5. The Vice Provost for Undergraduate Excellence sends student decision letter.
6. If granted readmission, student contacts academic advisor or academic Dean's office to register for courses.
7. If on-campus housing is requested and approved, student contacts Office of Residence Life to make arrangements.

## Educational Leave of Absence

Matriculated students may apply for an educational leave of absence for a fall or spring semester or for a full academic year in order to study abroad or for the Washington, DC, semester. Educational leaves are granted by the associate/assistant dean of the student's school or college. To be eligible for an educational leave of absence, a Fairfield University student must have an overall GPA of 2.80 or better at the time of application. In addition, the student must have a record of good academic and social standing for the semester immediately preceding application. Students who wish to be granted educational leave of absence must complete all official paperwork with the study abroad coordinator by Feb. 1 for the following year.

All students granted educational leaves by Fairfield University will be charged a fee for maintenance of their matriculation at Fairfield. Furthermore, students who study elsewhere in non-affiliated programs



lose their entitlement for institutional financial aid for the period of the leave.

## Credits from Other Institutions

Matriculated students may be permitted to take courses for degree credit at another institution with pre-approval by the dean of the student's school. Only credits (not grades) are transferable. For each approved course taken at another institution, credits will be accepted in transfer only if the student has earned a grade of C or better. Official transcripts should be forwarded to the student's academic dean upon completion of pre-approved coursework at other institutions.

Students are cautioned that deans will grant permission to take courses elsewhere only when the student can demonstrate compelling reasons to do so or to take advantage of a special curriculum offered at another U.S. institution. Students are expected to complete graduation requirements including Major and Core courses at Fairfield University. Students participating in a study abroad program while on approved Educational Leave of Absence should consult with the Study Abroad Office prior to departure to obtain course pre-approval.

In all cases, the following restrictions apply:

- Of the 120 or more credits required for the bachelor's degree, a minimum of 60 of those credits must be earned at Fairfield University.
- Students are permitted to take no more than two courses at another regionally-accredited U.S. institution during a summer or winter intersession and no more than 5 courses (post-matriculation) will be applied toward degree completion.
- The last 30 credits earned toward a student's degree must be completed at Fairfield University or through a program that issues Fairfield University course credit.

## Advanced Placement

While in high school, some students pursue one or more college-level Advanced Placement courses. Fairfield University will award three or four hours of credit toward graduation for each AP course taken by a student, provided that the student has taken an Advanced Placement Test prepared by the CEEB program and obtained a test score of four or five. *It is the discretion of college/school officials to determine if such AP credits can be used to exempt students from specific University courses or requirements.* Normally, AP credit will not exempt a student from requirements in their major. AP credit will not be awarded for Tier I Orientation courses in the Magis Core. No student will be awarded more than a total of 15 AP credits by Fairfield University.

Below is a partial list of AP tests submitted by students for advanced placement, along with their Fairfield University equivalent.

AP Test	Fairfield Course Equivalent	Credits
Art History	AHST 1000-level Course	3
Biology	BIOL 1171 General Biology I	4
Chemistry	CHEM 1171 General Chemistry I	4
Microeconomics	ECON 1011 Introduction to Microeconomics	3

Macroeconomics	ECON 1012 Introduction to Macroeconomics	3
English <sup>1</sup>	See Below	3
Environmental Science	BIOL 1076 Environmental Science	3
European History	HIST 2000-level Course	3
U.S. History	HIST 2000-level Course	3
World History	HIST 2000-level Course	3
Calculus AB	MATH 1171 Calculus I	4
Calculus BC	MATH 1171 & MATH 1172 Calculus I & II	8
Computer Science Principles	CPSC 1101 Introduction to Computing	3
Computer Science A	CPSC 1131 Fundamentals of Programming	3
French Language	FREN 2210 Intermediate French I	3
German Language	GRMN 2210 Intermediate German I	3
Italian Language	ITLN 2210 Intermediate Italian I	3
Spanish Language	SPAN 2210 Intermediate Spanish I	3
Physics I or II	PHYS 1077 Science and Technology of War and Peace	3
Physics C	PHYS 1171 General Physics I	4
Psychology	PSYC 1010 General Psychology	3
Statistics	MATH 2217 Accelerated Statistics	3
U.S. Government and Politics	POLI 1101 Introduction to American Politics	3
Comparative Gov't and Politics	POLI 1102 Introduction to Comparative Politics	3
Studio Art: 2D Design	SART 1016 Introduction to 2-D Design	3
Studio Art: 3D Design	SART 1011 Introduction to Sculpture	3
Studio Art: Drawing	SART 1012 Introduction to Drawing	3

<sup>1</sup> Students may receive credit toward Fairfield's degree requirements for only one AP English exam. Further, these will only count as elective credits, as all students must complete ENGL 1001 in the Magis Core.

## Higher Level International Baccalaureate Courses

Fairfield University recognizes the advanced nature of Higher Level International Baccalaureate courses. Generally, three credits will be awarded toward a Fairfield degree for a Higher Level IB course taken by a student, provided a grade of six or seven is achieved. Final determination concerning the amount of credit and whether or not it can be used to exempt students from specific University courses or requirements rests

with the dean in consultation with the academic department. Normally, Higher Level IB credit will not exempt a student from requirements in his/her major. Students can earn a maximum combined total of 15 credits for Higher Level IB and Advanced Placement courses.

## College Courses Completed While in High School

For students who pursue college courses while in high school, upon receipt of an official college transcript and related documentation, the course work will be evaluated by the appropriate dean/director in consultation with the appropriate curriculum area, provided the following criteria are met:

- The course(s) must have been completed in a college environment and must have been taught by a college professor
- The course(s)/credits were not used to satisfy high school graduation requirements
- A final grade of 'C' or better was earned

That dean/director will determine the appropriateness of the transfer credit for the student's program and decide whether it has met Fairfield's curriculum standards. A maximum of 15 credits of approved coursework will be awarded transfer credit. The grades will not be transferred.

## Transcripts

Transcript requests may be made by following the instructions available on the Registrar's website (<https://www.fairfield.edu/transcripts/>). There is a \$5 fee for each copy. Online requests are subject to an additional processing fee. In accordance with the general practices of colleges and universities, official transcripts with the University seal are sent directly by the University. Requests should be made at least one week in advance of the date needed. Requests are not processed during examination and registration periods.

## Academic Freedom and Responsibility

The statement on academic freedom, as formulated in the 1940 Statement of Principles endorsed by the AAUP (American Association of University Professors) and incorporating the 1970 interpretive comments, is the policy of Fairfield University. Academic freedom and responsibility are here defined as the liberty and obligation to study, to investigate, to present and interpret, and to discuss facts and ideas concerning all branches and fields of learning. Academic freedom is limited only by generally accepted standards of responsible scholarship and by respect for the Catholic commitment of the institution as expressed in its mission statement, which provides that Fairfield University 'welcomes those of all beliefs and traditions who share its concerns for scholarship, justice, truth, and freedom, and it values the diversity which their membership brings to the university community.'

## Freedom of Expression

As an academic institution, Fairfield University exists for the transmission of knowledge, pursuit of truth, development of students, and the general well-being of society. Free inquiry and free expression are indispensable to the attainment of these goals. Fairfield University recognizes that academic freedom, freedom of expression, and responsibility are required to realize the essential purposes of the University.

## Student Rights

As constituents of the academic community, students should be free, individually and collectively, to express their views on issues of institutional policy and on matters of general interest to the student body.

Fairfield University students are both citizens and members of the academic community. As citizens of a private institution, Fairfield's students enjoy the same freedom of speech, peaceful assembly, and right of petition that students at other private institutions enjoy as accorded by law, and as members of the academic community, they are subject to the obligations which accrue to them by virtue of this membership. Faculty members and administration officials should ensure that institutional powers are not employed to deprive students of their rights as accorded to them by law and University policy. At the same time, the institution has an obligation to clarify those standards which it considers essential to its educational mission and its community life. These expectations and regulations should represent a reasonable regulation of student conduct.

As members of the academic community, students should be encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth. They do this within the requirements of the curriculum and the courses in which they are enrolled.

The professor in the classroom and in conference should encourage free discussion, inquiry, and expression. Student performance should be evaluated solely on an academic basis, not on opinions or conduct in matters unrelated to academic standards. This means that students are free to take reasoned exception to the data or views offered in any course of study and to reserve judgment about matters of opinion, but they are responsible for learning the content of any course of study for which they are enrolled. Students in professional programs are expected to understand and uphold the standards required in their profession.

Students bring to the campus a variety of interests previously acquired and develop many new interests as members of the academic community. They should be free to organize and join associations to promote their common interests. Students and student organizations should be free to examine and discuss all questions of interest to them and to express opinions publicly and privately. Students should be allowed to invite and to hear any person of their own choosing. Those procedures required by an institution before a guest speaker is invited to appear on campus should be designed only to ensure that there is orderly scheduling of facilities and adequate preparation for the event, and that the occasion is conducted in a manner appropriate to an academic community. Guest speakers are subject to all applicable laws, and to the University policies on harassment and discrimination. Students' freedom of expression extends to their ability to express their opinions in writing or through electronic means, and to distribute and post materials expressing their opinions. Any restrictions should be designed only to ensure the orderly use of space and facilities, to provide reasonable restrictions on commercial messages, to comply with applicable fire, health or safety codes, to comply with the University's Non-Discrimination and Harassment Policy, or to comply with state or federal law. Students should always be free to support causes by orderly means which do not disrupt operations of the institution. At the same time, it should be made clear to the academic and larger community that in their public expressions or demonstrations, students or student organizations speak only for themselves and not the institution.

## Student Responsibilities

Freedom of expression enjoyed by students is not without limitations. The rights set forth herein must be balanced against and considered in the context of the following responsibilities:

- Students have the obligation to refrain from interfering with the freedom of expression of others.
- Students have the responsibility to respect the rights and beliefs of others, including the values and traditions of Fairfield University as a Jesuit, Catholic institution.
- Students have the responsibility to support learning, and when learning, to engage others in a respectful dialogue, to never threaten the safety or security of others, and to comply with all University policies prohibiting harassment, hate crimes, and discrimination.

All policies in this catalog and the actions taken under them must support Fairfield University's Mission Statement and the Statement on Academic Freedom.

## Honor Code

Fairfield University's primary purpose is the pursuit of academic excellence. This is possible only in an atmosphere where discovery and communication of knowledge are marked by scrupulous, unqualified honesty. Therefore, it is expected that all students taking classes at the University adhere to the following Honor Code:

'I understand that any violation of academic integrity wounds the entire community and undermines the trust upon which the discovery and communication of knowledge depends. Therefore, as a member of the Fairfield University community, I hereby pledge to uphold and maintain these standards of academic honesty and integrity.'

## Academic Honesty

All members of the Fairfield University community share responsibility for establishing and maintaining appropriate standards of academic honesty and integrity. As such, faculty members have an obligation to set high standards of honesty and integrity through personal example and the learning communities they create. Such integrity is fundamental to, and an inherent part of, a Jesuit education, in which teaching and learning are based on mutual respect. It is further expected that students will follow these standards and encourage others to do so.

Students are sometimes unsure of what constitutes academic dishonesty. In all academic work, students are expected to submit materials that are their own and are to include attribution for any ideas or language that are not their own. Examples of dishonest conduct include, but are not limited to:

- Falsification of academic records or grades, including but not limited to any act of falsifying information on an official academic document, grade report, class registration document or transcript.
- Cheating, such as copying examination answers from materials such as crib notes or another student's paper.
- Collusion, such as working with another person or persons when independent work is prescribed.
- Inappropriate use of notes.
- Falsification or fabrication of an assigned project, data, results, or sources.
- Giving, receiving, offering, or soliciting information in examinations.

- Using previously prepared materials in examinations, tests, or quizzes.
- Destruction or alteration of another student's work.
- Submitting the same paper or report for assignments in more than one course without the prior written permission of each instructor.
- Appropriating information, ideas, or the language of other people or writers and submitting it as one's own to satisfy the requirements of a course - commonly known as plagiarism. Plagiarism constitutes theft and deceit. Assignments (compositions, term papers, computer programs, etc.) acquired either in part or in whole from commercial sources, publications, students, or other sources and submitted as one's own original work will be considered plagiarism.
- Unauthorized recording, sale, or use of lectures and other instructional materials.

In the event of such dishonesty, professors are to award a grade of zero for the project, paper, or examination in question, and may record an F for the course itself. When appropriate, expulsion may be recommended. A notation of the event is made in the student's file in the academic dean's office. The student will receive a copy.

## Student Academic Grievance Procedure Purpose

Procedures for review of academic grievances protect the rights of students, faculty, and the University by providing mechanisms for equitable problem solving.

### Types of Grievances

A grievance is defined as a complaint of unfair treatment for which a specific remedy is sought. This procedure is concerned solely with academic grievances. It excludes circumstances that may give rise to a complaint for which explicit redress is neither called for nor sought, or for those for which other structures within the university serve as an agency for resolution.

Academic grievances relate to procedural appeals, academic dishonesty appeals, or quality of work appeals.

Procedural appeals are defined as those seeking a remedy in which no issue of the quality of a student's work is involved. For example, a student might contend that the professor failed to follow previously announced mechanisms of evaluation.

Academic dishonesty appeals are defined as those seeking a remedy because of a dispute over whether plagiarism, cheating, or other acts of academic dishonesty occurred. Remedies would include but not be limited to removal of a file letter, change of grade, or submitting new or revised work.

Quality of work appeals are defined as those seeking a remedy, following the completion of a course, because the evaluation of the quality of a student's coursework is alleged to be prejudiced or capricious.

### Time Limits

The procedure herein defined must be initiated by the end of the subsequent fall or spring semester after the event that is the subject of the grievance. If the grievance moves forward, all subsequent steps of the informal process must be completed and the formal process must be initiated before the end of the second semester subsequent to the event that is the subject of the grievance.

## Informal Procedures

1. The student attempts to resolve any academic grievance with the faculty member. If, following this initial attempt at resolution, the student remains convinced that a grievance exists, she or he advances to step two.
2. The student consults with the chair or program director, bringing written documentation of the process to this point. If the student continues to assert that a grievance exists after attempted reconciliation, she or he advances to step three.
3. The student presents the grievance to the dean of the school in which the course was offered, bringing to this meeting documentation of steps one and two. After conversation with the instructor of record and the department chair/program director, the dean will inform the student whether or not the grade shall be changed by the instructor of record. If the student is dissatisfied with the outcome, the dean will inform the student of the right to initiate formal review procedures.

## Formal Procedures

1. If the student still believes that the grievance remains unresolved following the informal procedures above, she or he initiates the formal review procedure by making a written request for a formal hearing through the dean to the Provost. Such a request should define the grievance and be accompanied by documentation of completion of the informal process. It should also be accompanied by the dean's opinion of the grievance.
2. The Provost determines whether the grievance merits further attention. If not, the student is so informed. If, however, the grievance does merit further attention, the Provost determines whether it is a procedural appeal, an academic dishonesty appeal, or a quality of work appeal.

For procedural appeals and academic dishonesty appeals, the Provost will convene a Grievance Committee according to the process described below, providing the committee with the written documentation resulting from the previous steps in the appeal process.

For quality of work appeals, the Provost will request that the chair of the department through which the course is taught, or if the chair is the subject of the grievance a senior member of the department, assemble an ad hoc committee of three department/program members to review the appeal, providing the committee with the written documentation resulting from the previous steps in the appeal process.

3. For procedural appeals and academic dishonesty appeals, the Grievance Committee takes whatever steps are deemed appropriate to render a recommendation for resolving the grievance. The committee adheres to due process procedures analogous to those in the Faculty Handbook.

For quality of work appeals, the department committee shall make itself available to meet and discuss the appeal with the student, and shall discuss the appeal with the instructor of record for the course. If the final consensus of the department committee is that the academic evaluation that led to the course grade was neither prejudiced nor capricious, the appeals process ends here.

4. For procedural appeals and academic dishonesty appeals, the recommendation from the Grievance Committee is forwarded to the Provost in written form, accompanied, if necessary, by any supporting data that formed the basis of the recommendation. Should the Grievance Committee conclude that a change of grade is

warranted, the two faculty members on the Grievance Committee will recommend an appropriate grade. In case of disagreement between the two faculty members, the dean chairing the Grievance Committee will decide which of the two recommended grades to accept. The recommended grade change shall be included in the report.

For quality of work appeals, if the final consensus of the department committee is that the academic evaluation that led to the course grade was prejudiced or capricious, the department committee will recommend an alternative course grade. If the instructor of record agrees to change the grade to that recommended by the committee, the appeals process ends here. If the instructor of record declines to change the grade, the department committee shall prepare a written report, including the department committee's recommended grade. The report will be forwarded to the Provost and the instructor of record, who may send the Provost a written response to the report.

5. For procedural appeals and academic dishonesty appeals, the Provost renders a final and binding judgment, notifying all involved parties. If such an appeal involves a dispute over a course grade given by a faculty member, the Provost is the only university official empowered to change that grade, and then only to the grade recommended by the Grievance Committee.

For quality of work appeals, if the Provost agrees with the department committee that the academic evaluation that led to the course grade was prejudiced or capricious, she or he is authorized to change the course grade to the grade recommended in the department committee's report.

## Structure of the Grievance Committee

The structure of the Grievance Committee will be as follows:

- Two faculty members to be selected from the Student Academic Grievance Board. The faculty member against whom the grievance has been directed will propose four names from that panel, the student will strike two of those names, and the two remaining faculty members will serve.
- Two students to be selected from a standing pool of eight students elected by the student government. The student filing the grievance will propose four names from that panel, the faculty member will strike two of those names, and the two remaining students will serve.

In the event that any faculty member or student selected through the foregoing process is unable to meet, another elected member of the panel will serve as an alternate.

The Grievance Committee will be chaired by a dean (other than the dean of the school in which the course was offered) to be selected by the Provost. The dean so selected will have no vote except in the event of a tie, and will be responsible for overseeing the selection of the Grievance Committee, convening and conducting the committee meetings, and preparing the committee's report(s) and other appropriate documentation.

## Due Process Procedure

1. Both the student and the faculty member shall have the right to be present and to be accompanied by a personal advisor or counsel throughout the hearing.
2. Both the student and the faculty member shall have the right to present and examine witnesses and to cross-examine witnesses.



3. The administration shall make available to both the student and the faculty member such authority as it may possess to require the presence of witnesses.
4. The Grievance Committee shall promptly and forthrightly adjudicate the issues.
5. The full text of the findings and conclusions of the Grievance Committee shall be made available in identical form and at the same time to both the student and the faculty member. The cost shall be met by the university.
6. In the absence of a defect in procedure, recommendations shall be made to the Provost by the Grievance Committee as to possible action in the case.
7. At any time should the basis for an informal hearing appear, the procedure may become informal in nature.

## Grievance Process Complaints

Fairfield University endeavors to resolve all grievances, complaints and disputes in a timely and fair manner. In the event a student believes a complaint remains unresolved after the conclusion of Fairfield University's grievance and/or dispute resolution processes (including all appeals), the student may request that the complaint be reviewed by the State of Connecticut Office of Higher Education. The Office of Higher Education is responsible for quality review of independent colleges and will investigate complaints concerning matters within its statutory authority. For more information or to file a complaint, contact:

Office of Higher Education (<http://www.ctohe.org/studentcomplaints.shtml/>)  
61 Woodland Street  
Hartford, CT 06105-2326  
Phone: 800-842-0229

Fairfield University is accredited by the New England Commission of Higher Education (NECHE). Students may contact:

NECHE (<https://www.neche.org>)  
3 Burlington Woods Drive  
Suite 100  
Burlington, MA 01803  
Phone: 855-886-3272

## Resources and Services

### Accessibility

Fairfield University is committed to providing qualified students with disabilities an equal opportunity to access the benefits, rights, and privileges of its services, programs and activities in an accessible setting. In compliance with Section 504 of the Rehabilitation Act, the Americans with Disabilities Act, and applicable state law, the University provides reasonable accommodations to reduce the impact of disabilities on academic functioning or upon other major life activities. The Office of Accessibility is responsible for evaluating and coordinating appropriate accommodations for students with disabilities. Students with disabilities or temporary impairments seeking accommodations because of a disability or temporary impairment must contact the Office as early as possible in the semester to complete the registration process for accommodations. Once a student with a disability has registered and has been approved for accommodations, the student is responsible for providing their accommodation letter to each of their professors. Students with accommodations are encouraged to set up a meeting with their professors at the beginning of the semester to discuss how their

accommodations will be implemented. If a student with a disability feels discriminated against on the basis of their disability or feels that they have been denied access or accommodations they are legally entitled to, they are encouraged to review the University's disability grievance procedure located in the Students with Disabilities section of the Student Handbook. Students can also contact The Office of Accessibility to learn more about the disability grievance procedure.

## Academic Advisor

Students who have a declared major are assigned a faculty advisor in that academic discipline. Undeclared students are also assigned a faculty advisor. However, when these students declare a major, they will be reassigned to an advisor in the academic discipline chosen. Advisors are available to meet regularly with students, monitor progress, advise students at registration time, and discuss courses and programs of study, co-curricular involvement, and high-impact learning opportunities such as study abroad, capstones, and internships. Fairfield's faculty advisors, along with professional advising staff and peer mentors, promote a holistic approach to academic advising that encourages students to be actively engaged and to make thoughtful choices regarding their current and future plans.

## Academic Resources

All members of the faculty share personally and actively in the responsibility for providing students with educational, career, and personal guidance. One of the hallmarks of a Jesuit education is the personal interest each professor takes in students; the professor tries to know each student's strengths and weaknesses. This tradition is basic to Fairfield. Classes are not large, and there are ample opportunities for close student-teacher relationships. Members of the faculty make themselves available for informal discussions, advice, and encouragement well beyond their published office hours.

## Academic Support and Retention

The Office of Academic Support and Retention provides individual and group services aimed at facilitating student transition and increasing student engagement and academic success. The Office supports and monitors students' academic progress, offers tutorial programs and learning support resources, and coordinates with faculty advisors, deans' offices, and campus resources to assist students in achieving academic success. Using a holistic advising model, the Office of Academic Support and Retention assists students in meeting their academic, personal, and professional goals through comprehensive and integrated services and resources.

## Academic Support Programs

### Academic Skills Development and Tutoring

The Office of Academic Support and Retention offers group workshops on academic skills development and learning support resources. The office also manages the tutoring program and recruits students who are proficient in their major concentration and/or other subjects and trains them to serve as peer tutors. Peer tutoring is group based, free of charge, and open to all students. Additional tutoring services are available through the University's individual schools in select subject areas.

## Bannow Science Center

The Rudolph F. Bannow Science Center houses advanced instructional and research facilities that foster the development of science and

engineering learning communities, engage students in experiential learning, and invite collaborative faculty and student research in biology, chemistry, computer science, engineering, mathematics, physics, and psychology.

## Culpeper Language Resource Center

The Charles E. Culpeper Language Resource Center, located in Canisius 207, is designed to support and promote the study and instruction of foreign languages and their cultures. Students work interactively with computer and web-based materials. This allows them to take ownership of their learning experience and become lifelong learners. We provide one-on-one assistance in finding materials, and in accessing the online components of languages courses.

## Math Center

The Math Center offers free tutoring for core mathematics courses, including Precalculus, Calculus I and II, and Statistics. This is provided via individual and small group tutoring sessions. For more information or to schedule an appointment, please visit the website (<https://www.fairfield.edu/mathcenter/>).

## Writing Center

The Writing Center offers writing assistance and resources to all students. Tutors work with students on any writing project and at any stage of the project's development. For more information or to schedule an appointment, please visit the website (<https://www.fairfield.edu/writingcenter/>).

## Aloysius P. Kelley, S.J. Center

Located on Loyola Drive, the Kelley Center houses the offices of Undergraduate and Graduate Admission, Financial Aid, Registrar, and the Academic and Career Development Center.

## Arts and Minds Programs

Fairfield University serves as an important hub for students and visitors from the region seeking entertaining and inspiring cultural events and activities.

- The **Regina A. Quick Center for the Arts** houses the Aloysius P. Kelley, S.J. Theatre, the Lawrence A. Wien Experimental Theatre, and Fairfield University Museum's Thomas J. Walsh Art Gallery.
- **Fairfield University Art Museum** is comprised of the **Thomas J. Walsh Art Gallery** in the Quick Center and the **Bellarmino Hall Gallery**, located in Bellarmine Hall. A showcase for significant art objects and rotating exhibits, the Fairfield University Museum displays a rich and varied collection of paintings, sculpture and decorative arts objects and serves as a learning laboratory for students and members of the regional community.
- The **PepsiCo Theatre** is home base for Theatre Fairfield, the University's performing arts club, and provides another venue for theatre and dance in an intimate setting.

In addition, various departments host exhibitions, lectures, and dramatic programs throughout the academic year, including the popular lecture series **Open Visions Forum**. These events are open to all members of the University community and many are free. All Fairfield students receive free or discounted tickets for arts events. For a cultural calendar, visit our website (<http://www.fairfield.edu/arts/>).

## Career Center

The Fairfield University Career Center provides opportunities for students to participate in a wide variety of career development experiences to prepare them for careers after college. These offerings work in tandem with and augment their academic development. The Office identifies, cultivates and promotes corporate (profit, not-for-profit) part- and full-time employment and internship opportunities, and provides guidance on further educational opportunities post-Fairfield. Further, both the College of Arts and Sciences and the Dolan School of Business provide career and professional development services for their students via centers within each dean's suite. Services among the various centers include: career exploration programming; professional workshops; employer immersion experiences; developmental resources, recruitment; employer engagement. The University Career Center and its resources are available to all students; however, career counselors are located in each center to support the specific school/college (Egan and Engineering counselors are located in the University Career Center).

## DiMenna-Nyselius Library

The DiMenna-Nyselius Library (<https://www.fairfield.edu/library/>) is the academic hub that fuels the creative intellectual curiosity of the Fairfield University community by fostering intellectual potential through teaching and learning and curating resources to expand knowledge and understanding through research and scholarship. The Library offers: access to one million books and ebooks and over 200 databases of academic articles and streaming media; one-on-one research consultations with a librarian in-person, by email, or phone and 24/7 help via chat; online research and citation guides; a student donated textbook collection and course reserves; reservable spaces to conduct group work; a virtual reality room; designated graduate student study space; tech equipment such as computers, laptops, chargers, printers, scanners; and Interlibrary Loan. All first-year undergraduate students and new transfer students are assigned their own Personal Librarian (<https://www.fairfield.edu/library/services/first-yearstudents/>).

24/7 study space is available in the Café and Innovation Lab, and the entire library building is open 24 hours during final exam periods. Check the library website for updated hours ([https://www.fairfield.edu/library/about/lib\\_hours/](https://www.fairfield.edu/library/about/lib_hours/)).

## Academic Commons

Located within the DiMenna-Nyselius Library, the Academic Commons integrates the Library's collections, research, teaching, and digital scholarship with mentoring and advising, tutoring, support for technology use, and experiential learning that ensures equal access while empowering journeys of self-discovery and lifelong learning.

Student support services now located at the Library include:

- Academic Support and Retention
- ITS Help Desk
- Math Center
- Writing Center
- Office of Accessibility
- Fredrickson Family Innovation Lab

## Early Learning Center

The Center provides an early care and education program based on accepted and researched theories of child development; individualized programs designed to meet the needs of each child; a curriculum that

is child-oriented; and teaching staff who have specialized educational training in child development and developmentally appropriate practice with young children, including health, safety, and nutritional guidelines.

The Center is open all year from 7:30am to 5:30pm for children aged 6 weeks to 5 years. Children may be enrolled on a full- or part-time basis depending upon space availability. Registration takes place every March. For tuition details, registration requirements, or other information, call the Center at 203-254-4028 or visit the website (<http://www.fairfield.edu/elc/>).

## Information Technology Services

The Information Technology Services (ITS) department offers networking, wireless and computer technology resources for the entire Fairfield University community.

Our goal is to maximize the use of technological innovations not in only the learning environment but in all of our business processes as well. ITS is responsible for managing the Banner platform, which securely houses all information on each individual student academic record, my.Fairfield, a web-based portal from which most university online resources can be accessed, and Workday, which securely houses financial and human resources data. The portal provides single sign-on capability so each student will need to log in only once from my.Fairfield to access course registration, review filing requirements, accept financial aid awards, participate in the housing processes, view and print academic schedules and grades, complete surveys, access student Gmail accounts, and access Life@Fairfield and other student-related functions.

ITS maintains approximately 75 general-use classrooms across campus, as well as specialized instructional spaces and public-use computer labs. The public labs are accessible to all students with a valid StagCard. Our goal is to consistently furnish cutting-edge technology to support a collaborative teaching and learning environment, and to provide as much compatibility as possible across all platforms and devices that students might own.

For more information on Information Technology Services, please visit our website (<http://fairfield.edu/its/>).

## Academic Computing

Through one-on-one and group collaboration, research into general and discipline-specific tech tools, the creation of documentation and training videos, visits to class meetings to assist students with assigned technology, and a wide variety of workshops offered in conjunction with the Center for Academic Excellence, Academic Computing supports instructors and students not just in the incorporation of computer- and mobile-based applications into teaching and learning, but also promote sound 21st-century pedagogical practices.

## Blackboard

Academic Computing manages and supports the Blackboard Learn course management system, which offers a wide range of teaching tools.

- Blackboard Login Page (<https://fairfield.blackboard.com/>)
- Blackboard Resource Page (<https://www.fairfield.edu/its/services/academiccomputing/blackboardresources/>) (including FAQs, resource guides, etc.)

## Faculty/Staff and Student Networks

ITS is responsible for the maintenance and upgrades of both the student and faculty/staff networks on campus.

## Help Desk

The ITS4U Help Desk provides free technology support for issues like wireless connectivity, warranty-covered hardware replacements (HP and Apple), malware prevention/cleanup, and limited software/hardware support for student-owned computers.

Location: DiMenna-Nyselius Library, Room 230 (Main Floor)

Phone: 203-254-4069 | E-mail ([itshelpdesk@fairfield.edu](mailto:itshelpdesk@fairfield.edu)) | Wiki (<https://wiki.fairfield.edu/>)

Academic Year Hours: Monday-Friday, 7:45am-7:30pm, Sunday 4:00pm-8:00pm

Summer Hours: Monday-Thursday, 8:00am-6:00pm, Friday 8:00am-12:00pm

## my.Fairfield

All students use their NetID to access my.Fairfield (<https://my.fairfield.edu>), a secure web portal used to view course schedules, access library services remotely, register for classes and parking permits, view and pay tuition bills, print unofficial transcripts, and much more.

## FairfieldU Mobile App

Download the Fairfield University Modo Campus app today. Students can access their course schedule, view laundry and Stag Bus statuses, use Blackboard for coursework, and stay informed of all social and athletic events. In addition, students have access to the bookstore, DiMenna-Nyselius Library, Life@Fairfield, Student Services, wellness and recreation information, and more.

## NetID

A Fairfield University NetID is your username/password combination that provides access to a variety of online resources and services, including my.Fairfield and your student Gmail account. Your NetID is obtained through the claim process found here (<https://wiki.fairfield.edu:8443/x/FQCD/>). You will need to claim your NetID in order to access all Fairfield online resources.

Note: All official university communications are sent to students' University Gmail accounts. No personal email accounts should be used. Your email address follows the format [netid@student.fairfield.edu](mailto:netid@student.fairfield.edu). For example, if your name is Lucas F. Stag and your NetID is lucas.stag, your email address is [lucas.stag@student.fairfield.edu](mailto:lucas.stag@student.fairfield.edu).

## Project Excel

Project Excel is a TRiO Student Support Services (SSS) Program funded by the US Department of Education for first-generation college students, students whose families meet the federal guidelines for income, or individuals with disabilities. The program's overall objectives are to increase and support the retention of participants, ensure that participants are in good academic standing at the University and to have participants graduate in a timely way. Project Excel works to accomplish its objectives by providing an array of support services including academic advising and mentorship, academic tutoring, assistance with financial aid and scholarship searches, financial aid and economic literacy education, and graduate and professional school planning assistance.

## Student Life

### International Students

International students are served through the Office of Student Engagement, located in the lower level of the Barone Campus Center. This department sponsors a specialized orientation program for international students and provides assistance with legal forms and other documentation.

### Student Handbook

For information about Compliance Statements and Notifications, Policies and Procedures, Student Conduct Code, Residential Guidelines, and Clubs and Organizations, please see the Student Handbook (<http://www.fairfield.edu/studenthandbook/>).

## Accreditations

Fairfield University is fully accredited by the New England Commission of Higher Education (NECHE (<https://www.neche.org/>)), which accredits schools and colleges in the six New England states. Accreditation by one of the six regional accrediting associations in the United States indicates that the school or college has been carefully evaluated and found to meet standards agreed upon by qualified educators.

## Additional Accreditations

- The Association to Advance Collegiate Schools of Business (AACSB International (<https://www.aacsb.edu/>))
  - Charles F. Dolan School of Business
- Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET) (<http://www.abet.org>).
  - BS in Computer Engineering
  - BS in Electrical Engineering
  - BS in Mechanical Engineering
  - BS in Software Engineering
- American Chemical Society
  - College of Arts and Sciences
    - BS in Chemistry
- Commission on Accreditation of Marriage and Family Therapy Education (COAMFTE (<https://www.coamfte.org/>))
  - Graduate School of Education and Allied Professions (GSEAP)
    - Marriage and Family Therapy program
- Connecticut State Department of Higher Education (CTOHE (<https://www.ctohe.org/>))
  - All schools and programs
- Council for Accreditation of Counseling and Related Educational Programs (CACREP (<https://www.cacrep.org/>))
  - GSEAP
    - Clinical Mental Health Counseling and School Counseling programs
- Council for the Accreditation of Educator Preparation Programs / National Council for the Accreditation of Teacher Educators (CAEP/NCATE (<http://www.ncate.org/>))
  - GSEAP
- Commission on Collegiate Nursing Education (CCNE (<https://www.aacnnursing.org/CCNE/>))
  - Marion Peckham Egan School of Nursing and Health Studies
    - Undergraduate Nursing programs
    - Masters Nursing programs
    - Doctoral programs

- Council on Accreditation of Nurse Anesthesia Educational Programs (COA (<https://www.coacna.org/Pages/default.aspx>))
  - Nurse Anesthesia Program
- Accreditation Commission for Midwifery Education (ACME (<http://www.midwife.org/Program-Accreditation/>))
  - Nurse Midwifery program (*pre-accredited*)

## Program Approvals

- Connecticut State Office of Financial and Academic Affairs for Higher Education
  - Elementary and Secondary Teacher certification programs
  - Graduate programs leading to certification in specialized areas of education
  - School of Nursing programs
- Connecticut State Department of Education Bureau of Educator Standards and Certification
- Connecticut State Department of Education and Council for the Accreditation of Educator Preparation Programs and National Council for the Accreditation of Teacher Educators (NCATE/CAEP (<http://www.ncate.org/>))
- Connecticut State Board of Examiners for Nursing
  - Undergraduate Nursing programs
- Council on Accreditation of Nurse Anesthesia Educational Programs

## Institutional Memberships

- America East Athletic Conference
- American Association for Employment in Education
- American Association of Colleges for Teacher Education
- American Association of Colleges of Nursing
- American Council for Higher Education
- American Council on Education
- American Society for Engineering Education
- APPA: Leadership in Educational Facilities
- Association for Information Communications Technology Professionals in Higher Education
- Association for Student Affairs at Catholic Colleges and Universities
- Association for the Advancement of Sustainability in Higher Education
- Association for University and College Counseling Center Directors
- Association of American Colleges and Universities
- Association of Catholic Colleges and Universities
- Association of College Unions International
- Association of Governing Boards
- Association of Higher Education Campus Television Administrators
- Association of International Education Administrators
- Association of Jesuit Colleges and Universities
- Association to Advance Collegiate Schools of Business
- Campus Compact
- Catholic Campus Ministry Association
- Connecticut Association of Colleges and Universities for Teacher Education
- Connecticut ACE Women's Network
- Connecticut Conference of Independent Colleges



- Connecticut Council for Higher Education
- Connecticut Distance Learning Consortium
- Connecticut Education Network
- Connecticut Library Consortium
- Council for Opportunity in Education
- Council of Connecticut Academic Library Directors
- Council of Independent Colleges
- Eastern Academic Scholars Trust
- Eastern Collegiate Athletic Conference
- EDUCAUSE
- EDUCAUSE Center for Applied Research
- EDUCAUSE Learning Initiative
- Fairfield Chamber of Commerce
- Five College Library Repository
- Greater Bridgeport Regional Business Council
- Higher Education Data Sharing Consortium
- International Association of Campus Law Enforcement Administrators
- International Society for Technology in Education
- Jesuit Association of Student Personnel Administrators
- Lyrasis
- Metro Atlantic Athletic Conference
- NASPA: Student Affairs Administrators in Higher Education
- National Action Council for Minorities in Engineering
- National Association for Campus Activities
- National Association of College and University Attorneys
- National Association of College and University Business Officers
- National Association of Colleges and Employers
- National Association of Collegiate Directors of Athletics
- National Association of Independent Colleges and Universities
- National Catholic Educational Association
- National Collegiate Athletic Association
- National Collegiate Honors Council
- National Institute for Technology and Liberal Education
- National Intramural-Recreational Sports Association
- National League for Nursing
- Network for Vocation in Undergraduate Education
- New England Business and Economic Association
- New England Library Information Network
- Northeast Regional Computer Program
- Online Computer Library Center
- Society for College and University Planning
- The College Board
- The Forum on Education Abroad

The course listings represent the breadth of the major. Every course is not necessarily offered each semester.

## Compliance Statements and Notifications

For information about student rights under the Family Education Rights and Privacy Act (FERPA), the University's Non-Discrimination Statement, and the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, please see the Student Handbook (<https://www.fairfield.edu/undergraduate/student-life-and-services/office-of-the-dean-of-students/student-handbook/>).

## Compliance Statements and Notifications

### Catalog

The provisions of this catalog are not to be regarded as an irrevocable contract between Fairfield University and the students. The University reserves the right to change any provision or any requirement at any time.

# ADMISSION

## Admission Policies and Procedures

Fairfield University admits without discrimination students of any sex, race, color, marital status, sexual orientation, gender identity, religion, national or ethnic origin, or handicap to all the rights, privileges, programs, and activities generally accorded or made available to students of the University.

### First Year Admission

Successful candidates for admission should have received a high school diploma from a recognized high school or preparatory school and should have acquired no less than 15 units in college-preparatory studies. The unit is commonly understood as a measure of credit assigned for the successful completion of a high school course that meets four or five times each week throughout the year; college-preparatory units are those usually found in the high school curriculum that explicitly prepare students for college. No vocational, commercial, or industrial units are considered to be preparatory to the work of the liberal arts college. Candidates for admission must take units chosen from the areas listed below.

#### Basic Requirements

English	4
Mathematics	3 to 4
may include:	
Algebra 1	
Algebra 2	
Geometry	
Pre-calculus	
Calculus	
Foreign Language	2 to 4
Laboratory Science	3 to 4
may include:	
Earth Science	
Biology	
Chemistry	
Physics	
History/Social Science	3 to 4

Candidates interested in mathematics, engineering, business, and the sciences are urged to pursue a fourth unit of lab science and mathematics, preferably pre-calculus or calculus. Candidates for nursing must have one laboratory course in chemistry.

In addition to the basic requirements, applicants must present evidence to indicate interest in and competence for college studies. To that end they must submit a complete record of high school studies, together with other supporting materials as described in the admission application form.

The admission process at Fairfield University is Test Optional. Students may choose whether or not to submit the results of the SAT or ACT. Students should indicate on the Common Application whether or not it is their intention to have their scores considered in the admission process. Students who choose not to submit their test scores are strongly encouraged to schedule a personal interview.

The deadline for regular decision applicants to have all application materials (application, high school transcript, and guidance counselor recommendation) postmarked is January 15. The University also strongly recommends a campus visit including a tour, information session, and/or an (optional) personal interview.

Students who speak English as a second language should take the Test of English as a Foreign Language (TOEFL), International English Language Testing System (IELTS) or Duolingo English Test if they have resided in the United States for fewer than five years. The University may, at its discretion, admit students who do not meet the regular published entrance requirements.

### Early Action and Early Decision Admission

Students who consider Fairfield University to be among their top choices for their undergraduate education and who would like to have their application reviewed early may apply under our **Early Action Program**. Applicants for Early Action must submit all application materials, including the Common Application, high school transcript, and guidance counselor recommendation by November 1. Students may choose whether to submit the results of their ACT or SAT exams. Early Action candidates who are interested in arranging a campus interview should make that request by November 15. Early Action candidates will be notified of their admission decision before January 1. Early Action admission is non-binding, and students have until May 1 to make their college selection. Fairfield University also offers two **Early Decision Admission Programs**. Early Decision I and II are *binding* agreements. If a student is admitted under the Early Decision guidelines, he/she must agree to withdraw any pending college applications and confirm enrollment at Fairfield. The deadline for Early Decision I admission is November 15, and students will receive notification of the decision by December 15. The deadline for Early Decision II admission is January 15, and students will receive notification of the decision by February 15. Superior students who have completed a four-year high school program at the end of three years may apply for admission to the University.

### Academic Scholarships

A number of academic scholarships are available to outstanding students. The Magis Scholarship is a \$25,000 annual award, renewable for four years providing a student maintains a 3.0 grade point average. Additional merit scholarships ranging from \$10,000 to \$20,000 are available. All students who apply for admission are automatically considered for a merit scholarship. Successful candidates will be students with outstanding academic records, as well as strong records of achievement and engagement outside of the classroom.

### Wait List

First Year applicants to Fairfield will receive one of three decision letters: admit, deny, or a waitlist offer. Waitlist students who are serious in their intent to remain on the waitlist are asked to confirm their place on the waitlist via the waitlist confirmation option on their online portal.

### Alumni Relatives

One of the strongest endorsements an educational institution can receive is to have alumni send their children to their alma mater. At Fairfield we believe that such candidates can contribute significantly to enhancing the tradition and the spirit that are an important part of a Fairfield education. In light of this, it is our practice to consider a student's legacy connections to Fairfield when reviewing a candidate's application for admission.

## Deferred Admission

Occasionally, a student who has been admitted to the University will seek to defer their admission for a variety of reasons. Students may defer for one semester, or up to two years. In order to defer, students must pay the confirmation deposit to hold their place in the class, and make the request to defer admission in writing. In order to defer admission, a student must agree to not take more than 11 college credits during the deferral period. Any merit scholarship that a student was awarded will be honored when the student enrolls. However, a student who defers will be required to re-apply for need-based financial assistance.

## Transfer Admission

The University welcomes qualified students who wish to transfer to Fairfield from other accredited colleges. Students interested in transferring normally have accumulated at least 15 credits and have maintained at least a 2.50 grade point average (the Charles F. Dolan School of Business requires at least a 2.80 GPA). Transfers are not accepted into the full-time program for a Bachelor of Science in nursing.

Please note that the GPA is simply a guideline, and not a guarantee of admission. To apply, students must submit, in addition to the required application forms, a high school transcript, college records, course descriptions, and a personal statement explaining current academic and/or work activities and reasons for transferring. Students must also submit a form from the dean of students office from all colleges attended indicating they are in good standing and eligible to return. Students may choose whether or not to send the results of their SAT or ACT exams. Every transfer student is required to complete a minimum of 60 credits at Fairfield University in order to receive a Fairfield University bachelor's degree. Applications should be directed to the Office of Undergraduate Admission. The priority application deadline for September admission is April 1; the priority deadline for January admission is November 15.

## International Students

Matriculating international students must attend Fairfield University on a full-time basis (minimum of 12 credits per semester). Degree-seeking (freshman or transfer) students should contact the Office of Admission for further information. To be eligible to attend Fairfield the student must:

1. Provide a complete and certified listing of all academic institutions attended, including dates of entry, grades, termination, and title of the certificate or diploma received. Include rank in class if available. These documents should be prepared in English or with an official English translation.
2. Demonstrate proficiency in the English language. A minimum score of 550 (paper-based), 213 (computer-based), or 80 (Internet-based) on the Test of English as a Foreign Language is the preferred documentation.
3. Prove sufficient financial support for the period of the student's stay at Fairfield, including tuition, room and board, and transportation.
4. Obtain an F-1 student visa (required for entry into the United States for the purpose of studying full-time at Fairfield) after receiving an I-20/DS-2019 from the University. The visa is issued by the U.S. Embassy or Consulate in one's own country.

Non-matriculated international students may attend Fairfield University for a semester or academic year. All students must be enrolled on a full-time basis (minimum of 12 credits per semester). Such students are accepted into the academic programs at Fairfield and are treated as regular members of the student body. They are usually full-fee-paying students. Visiting international students should contact the Office of International Student Life, 203-254-4000 x2902.

## Part-Time and Continuing Studies Admission

Fairfield offers a wide variety of opportunities for learners seeking to pursue their educational goals on a part-time basis. For these students, the University offers opportunities for bachelor degree completion, traditional bachelor's degrees, certificate programs, as well as credit and non-credit courses that can be taken on a part-time basis for professional and personal enrichment. Students may apply and enroll as a part-time matriculated student (seeking a bachelor's degree) or register for courses as a non-matriculated student (not seeking a degree from Fairfield).

## Bachelor's Degree Seeking Part-Time Students

The University welcomes students to apply for admission and enroll on a part-time basis to earn a bachelor's degrees offered through the College of Arts and Sciences, the Dolan School of Business, the School of Engineering, and the Egan School of Nursing and Health Studies (Second Degree Nursing Program only). Classes are offered in a variety of day, evening, online, and accelerated formats throughout the year which provide the flexibility and convenience that many busy part-time students are seeking. Tuition is offered on a per-credit basis at a part-time rate (p. 32).

The Bachelor's Degree in Liberal and Professional Studies (p. 158), offered through the College of Arts and Sciences, provides part-time students a flexible, individualized and multidisciplinary bachelor's degree completion program that can accept, upon review, up to 75 transfer credits. It also offers opportunities to turn life experience and specific knowledge into credit through portfolio assessment and CLEP tests, respectively. A minimum of 18 college level credits is required to be accepted into the Liberal and Professional Studies program.

## Admission

Students seeking to start or complete a bachelor's degree as a part-time student must first apply for admission through Fairfield University's online application (<https://www.fairfield.edu/part-time-and-continuing-studies/admission/>) and be admitted into a bachelor's degree program. Applications are accepted on a rolling basis, with no deadlines. Part-time students may enroll in up to two 3-credit courses and one 2-credit lab per semester, for a maximum total of 8 credits taken in any one semester which includes summer, fall, and spring semesters. Part-time students may enroll in one 3-credit course during the winter intersession.

Enrollment counselors in the Part-Time and Continuing Studies Admission Office can assist prospective students with their online application. They can also provide enrollment advice prior to application regarding major and degree options that will help students achieve their academic, personal, and professional goals. As needed, faculty are available for questions regarding specific details of a major or academic program.

After being admitted, part-time students who have accumulated credits from other accredited colleges or universities will have their official transcripts reviewed and approved for transfer credits by their school's Deans Office. Admitted students must submit to the Office of Part Time and Continuing Studies a comprehensive list of courses with a grade of C or better they would like reviewed for credit transfer to Fairfield. Included with the list is the course description and course syllabi. Like all other students at Fairfield, part-time matriculated students are assigned to a faculty advisor who will provide ongoing assistance in their course selection to fulfill major and core requirements toward completion of their bachelor's degree.

## Financial Aid

Financial aid is available to part-time students who are enrolled in a degree program and taking a minimum of two courses (6-credits) per semester. All part-time matriculated students are welcome to utilize the services and expertise on financing their education offered by the Office of Financial Aid (<https://www.fairfield.edu/part-time-and-continuing-studies/financial-aid-and-tuition/>).

## Maintaining Status

To be considered an active part-time matriculated student, a student must have been enrolled in at least one course within eight consecutive semesters (approximately two years). Those semesters include summer, fall, winter intersession, and spring. After that time, if there has been no course registration or enrollment, the part-time student is considered "inactive," will be unable to register for classes, and will have to seek readmission by contacting the Office of Part-Time and Continuing Studies Admission to request reactivation of their student record.

## STUDENT STATUS FROM PART-TIME TO FULL-TIME

After a part-time student has been enrolled for several semesters and accumulated approximately 18 credits from Fairfield University, they can request from the Dean's Office to have their status changed from part-time to full-time, enabling the student to take four to five courses per semester. The student's academic record will be evaluated and a decision made on the status change. When the status change is approved, the student's tuition will be changed from a course per credit charge to a full-time semester tuition and the student can register for up to five courses. Once full-time status is granted, if a future change back to part-time is requested and granted, tuition will be calculated on the full-time to part-time credit hour rate.

## University Policies for Part-Time Students

Many of the university academic and curricular policies that are listed in the Undergraduate Catalog are applicable to all part-time students as appropriate. This includes course withdrawal and refund policies, medical withdrawal and readmission after a medical withdrawal, and many other policies. The Student Handbook (<https://www.fairfield.edu/handbook/>) also provides information on the University's student code of conduct, resources and services for all students, including part-time students.

## Non-Matriculated Visiting Part-Time Students

Fairfield University offers opportunities for students to register and enroll in undergraduate credit and non-credit courses as a visiting non-matriculated student (those not seeking a bachelor's degree from Fairfield University).

There are several types of non-matriculated visiting students:

- College students from other institutions who take credit courses at Fairfield University during any semester (up to three courses in spring, summer and fall, one in winter) with a goal to transfer those credits to another academic institution.
- Students seeking to start or complete their bachelor's degree by taking credit courses in any semester (up to two per term) as a part-time, non-matriculated, visiting student.
- Individuals taking a credit course (or a non-credit course) in subject area of interest for personal or professional enrichment.
- High school students seeking college credit courses for either future college or high school credit.

A part-time non-matriculated student can enroll in up to two courses (8 credits) per semester, with a limit of six courses or 18 credits overall. A wide variety of three-credit courses are offered during the summer, fall,

winter, and spring terms in classroom, hybrid, and online formats. Course delivery is varied, with traditional 15-week courses and accelerated one-, four-, five-, or seven-week course offerings.

Course descriptions and course schedules are found online. A complete schedule of courses that are offered each semester is updated regularly on the university web site as well as information about how to register online as a visiting non-matriculated student (<https://www.fairfield.edu/part-time-and-continuing-studies/course-registration/>).

## CERTIFICATES, PROFESSIONAL DEVELOPMENT, AND PERSONAL ENRICHMENT

Fairfield University offers part-time students a number educational opportunities beyond degrees through certificate programs (<https://www.fairfield.edu/summer-and-continuing-studies/executive-professional-education/post-baccalaureate-undergraduate-certificates/>) and access to academic courses for those seeking personal or professional enrichment. Descriptions of a wide variety of part-time studies offerings can be found on the University's website (<https://www.fairfield.edu/part-time-and-continuing-studies/courses-and-programs/>).

## Visiting High School Students

Eligible high school juniors and seniors are encouraged to explore taking credit courses at Fairfield University. Some courses may require proof of prerequisite high school coursework and faculty approval in advance of registration and enrollment.

There is a full range of online and classroom courses available in the summer, fall, and spring semesters to give the visiting high school student a real college academic experience, while earning credits which may be applied towards high school completion or future college credit (as determined and approved by individual high schools and future colleges and universities).

The summer semester offers the greatest variety of accelerated classes (i.e. one-, two-, five-, and six-week formats). Course descriptions can be found in this online undergraduate course catalog and course schedules by semester can be found updated on the University's website (<https://xessprod.fairfield.edu/FFPRODStudentRegistrationSsb/ssb/term/termSelection/?mode=search>).

High school students should provide to the Office of Part-Time and Continuing Studies Admission:

- An official or unofficial High School Transcript. This requirement is to ensure that high school students have the necessary relevant classroom experience to enroll and be successful in a rigorous college course. If a course requires prerequisites, the transcript will also verify that the student's academic background is suitable. Students should have a cumulative GPA of at least 3.20.
- Once the student's transcript has been reviewed and criteria to take a college-level course have been met, a member of the Part-Time and Continuing Studies Admissions Office will contact the student about the next steps to enroll.

All inquiries and high school transcripts in advance of taking courses Fairfield by high school students should be directed to the Office of Part-Time and Continuing Studies Admission at 203-254-5532 or by email ([ptadmiss@fairfield.edu](mailto:ptadmiss@fairfield.edu)).



## **STUDENT HOLDS**

There are two situations in which a hold will be placed the record of a non-matriculated student, preventing them from further course registration.

### **Completion of 18 Credits**

When a non-matriculated student has accumulated 18 credits on their student record, a registration hold will be placed on that record and future course registration is restricted. The student will be required to discuss their future academic plans at Fairfield with an enrollment advisor in the Office of Part-Time and Continuing Studies Admission.

### **Failing Grades**

If a non-matriculated visiting student accumulates three failing grades on their Fairfield University transcript, a hold will be placed on their student record preventing further course registration until there is discussion with an enrollment advisor in the Office of Part Time and Continuing Studies Admission.

# THE CURRICULA

## Introduction

The various curricula at Fairfield University are arranged into five general categories. The first three categories, Magis Core curriculum, electives, and majors, represent coursework that all students are required to complete. The remaining categories, second majors and minors, designate optional coursework. In addition, special features such as an honors program, interdisciplinary learning communities or clusters, independent studies, and internships are available to students.

As a Catholic Jesuit university characterized by academic rigor, integrative ways of thinking, knowing, and doing, civic engagement and social responsibility within the humanistic tradition, our mission is to educate our students to become competent, compassionate professionals who will live lives of personal integrity and contribute to the common good.

## Choice of Curriculum

Descriptions of the various curricula will be found in the college and school sections and, where appropriate, under the discipline heading. For students who desire a curriculum involving an ordered sequence of courses (natural sciences, accounting, mathematics, engineering), the initial choice of program is important; for other students, first-year and sophomore courses provide a solid basis and background for any subsequent decision to major in such areas as economics, English, history, languages, and visual and performing arts.

Students will fulfill the curriculum requirements that are in place at the time the student matriculates.

## University Course Numbering System Undergraduate

1000-1999	Introductory Undergraduate Courses
2000-2999	Intermediate Undergraduate Courses
3000-3999	Upper-Level Undergraduate Courses
4000-4999	Advanced Undergraduate Courses

## Graduate

5000-5999	Introductory Graduate Level Courses
6000-6999	Advanced Graduate Level Courses
7000-7999	Doctoral Level Courses

## Magis Core Curriculum

Beginning with the Class of 2023, every undergraduate student will be required to complete the Magis Core Curriculum. In line with the principles of Jesuit education, specifically with regard to the development of the whole person, all undergraduate students will complete courses in the following areas: English writing and rhetoric, history, philosophy, religious studies, mathematics, and language. Additionally, each student will be responsible for completing topical coursework in the following disciplines: literature, visual and performing art, natural science, and behavioral and social science. Further, every student will be exposed to certain courses that are interdisciplinary in perspective, focused on social justice issues, and demand writing both within the discipline and across

the curriculum. The outcome of the Magis Core? The academic formation of women and men who are able to think critically, assess and present information holistically, and act with both conviction and compassion.

Please reference the Magis Core (p. 28) section of this catalog for more details. For the previous Core, which applies to the Class of 2022 and earlier, please reference the Catalog Archive (<http://catalog.fairfield.edu/archive/>).

## Major

The major is central to a student's program of study at Fairfield University. It represents an area of specialization consisting of a cluster of related courses drawn from a single department, more than one department, or an interdisciplinary program. Normally, a student must pursue a minimum of 30 credit hours of coursework to complete a major. The course requirements for each major offered by the College of Arts and Sciences are set forth within each departmental section of this catalog; information on individually designed majors is also in this section. Likewise, the requirements for majors within the Dolan School of Business, the Egan School of Nursing and Health Studies, and the School of Engineering are found in those sections of this catalog. In all cases, the selection of courses for a particular major must be done in consultation with a faculty advisor from one's major department or school. In each college or school, the proper work of the major is concentrated in the junior and senior years; where preparatory courses are needed, they are taken in the freshman and/or sophomore year. For those who are undeclared, majors are usually selected at the end of the freshman year or during the sophomore year. Students declare majors by going to the office of the dean of the appropriate college or school. When a major is declared, the student is assigned a faculty advisor from the major area. To change from one major to another in one's school requires completion of a Change of Major form. The Change of Major form can be obtained from the office of the dean of the student's current school. The form must be signed by the chairperson/coordinator of the major in which the student is currently enrolled, the chair or coordinator of the major that the student desires, and the dean of the school. The form is then forwarded to the University Registrar. To change a major to a discipline of study in a different school, one must first meet with the dean's office of the desired school to determine eligibility to switch schools. If the student is eligible to enter the new school, the appropriate steps for changing the student record will be discussed.

## Second Major (Double Major)

A student has the option of pursuing a second major at Fairfield University. The courses that constitute a second major must meet the stated requirements for a major program and must be approved by the department or interdisciplinary program in which the second major is located. Students declare second majors by completing a Double Major form that is available in the dean's office of their school. A double major does not constitute a double degree.

## Minor

In addition to carrying a major, a student may exercise the option of selecting a minor outside the area of specialization. A minor is a cluster of thematically related courses drawn from one or more departments, usually in the range of 15 to 18 credits. Students electing a minor are still required to fulfill the core requirement. In addition to department-based minors, many interdisciplinary minors are also available at Fairfield: American Studies; Applied Ethics; Asian Studies; Black Studies; Catholic Studies; Classical Studies; Environmental Studies; Health Studies; Humanitarian Action; International Studies; Irish Studies; Islamic World

Studies; Italian Studies; Judaic Studies; Latin American and Caribbean Studies; Peace and Justice Studies; Russian, East European, and Central Asian Studies; and Women, Gender, and Sexuality Studies.

Because the minor is considered to be a supplement to the student's major program of study, its completion in a given case may not have the same priority as that of a major. In order to select a minor, a student must submit a request and gain approval by the Chair or Program Director of the prospective minor no later than the Spring registration period of the student's Junior year. The completion of a minor is subject to the availability of the courses selected.

## Electives

All students in BA and BS programs should have a minimum number of free electives. These electives may be chosen in any area of study, presuming prerequisites are met, and cannot be determined or required by any department or school. These electives may, of course, be part of a student's minor or second major. All students in BA programs must have a minimum of eight free electives; BS programs must have at least four electives, except for Nursing which must have at least two.

## University Honors Program

The Honors Program at Fairfield University is an interdisciplinary course of study open to invited freshmen and sophomores from all of the University's undergraduate schools. Since the program offers a curriculum of team-taught courses and small seminars, it is highly selective. Students who pursue Honors study at Fairfield are highly motivated, passionate about learning, and willing to engage their professors and fellow students in lively discussions about the great ideas that have shaped our culture and world cultures. Honors students at Fairfield also are invited to attend intellectual and cultural events outside the classroom. Though students from all schools participate in the Program, a detailed description can be found under the Honors Program (p. 145) section of this catalog.

## Independent Studies

The independent study option is available in most departments to students who wish to examine a subject in depth for which no course is available. Such guided studies are designed and pursued by students under the tutelage of a faculty member. This option is restricted to students in their junior and/or senior years of study.

Students should apply to the professor under whose direction they wish to study no later than the normal registration period of the preceding semester. The Independent Study Application form, available from the office of the college dean, must be completed and filed with the Registrar before the project may begin.

For projects of less than a semester's equivalent course work, one or two credit hours may be assigned. For projects of a semester's equivalent coursework, three credit hours, or, with a laboratory component, four credit hours may be assigned.

If students undertake more than one independent study project during their college careers, the total credit hours for all projects may not exceed nine credit hours toward the undergraduate degree.

## Student Internships

Students at Fairfield University have an opportunity to earn academic credit and gain practical, on-site work experience by pursuing internships in their major fields of study. Through placements in appropriate

businesses, corporations, laboratories, law firms, government offices and agencies, nonprofit organizations, etc. students apply and test principles and theories they have acquired in their coursework. In a typical internship carrying three semester credits, students work 10 to 15 hours per week on site. Internships are coordinated by Fairfield University faculty and on-site supervisors. Through such experiences students can enhance their learning and explore potential careers. Upon graduation, students are frequently offered positions with corporations and agencies sponsoring their internships.

Internships are listed on the University's job and internship platform. This platform offers opportunities for undergraduate students, graduate students, and alumni of the University. Internships may be secured either through the platform or through independent networking and may be undertaken for credit, for pay, or for both credit and pay. When pursuing an internship for academic credit, students must be in good academic standing and must meet all prerequisites prescribed by the major department (e.g. GPA, prior coursework). To register for an internship, a student must obtain prior approval from the faculty member who coordinates the internship program in his/her major department.

A maximum of six academic credits can be earned for internship experience. An internship will not substitute for any other stated course(s) in the student's major field. Further information about specific internship opportunities can be obtained from the departmental chair or the internship coordinator of the specific department.

## Options for Graduate Level Courses

Fairfield University undergraduates with permission from their faculty advisor and from the Dean of the school in which the course is offered may take a graduate course for undergraduate credit and as part of their undergraduate load, appearing on their undergraduate transcript. A student may later petition to have those courses provide advanced standing in their graduate program and it would be up to the faculty to determine if the credits should apply to the graduate program at that time. Students might receive credit for these courses as part of a graduate program if the student did not apply the credits to complete the undergraduate degree.

An undergraduate student who has advanced beyond degree requirements and also has permission from the Dean of the school in which the course is offered may take a graduate level course for graduate credit as part of their regular undergraduate load. The number of graduate courses a full time undergraduate may take is limited to two. The five year pre-structured programs follow their own required sequence.

Registration for graduate courses is on a space available basis, with preference given to graduate students. Undergraduates with permission to enroll in a graduate course may petition to register in late August for the fall and early January for the spring.

## Fifth-Year Master's Degree Programs

Fairfield offers several dual or integrated degree programs for undergraduate students who are interested in studying toward a master's degree while an undergraduate, with an additional year at Fairfield for continued graduate coursework after the student has completed their bachelor's degree. Interested students should discuss and determine coursework options with their academic advisor during their sophomore year so that the required admission process and course selection can begin. More detailed information can be found on specific 5th Year Programs in the school sections of this undergraduate course catalog.

## College of Arts and Sciences and the Graduate School of Education and Allied Professions (Fifth-Year Programs in Partnership)

More details about these programs may be found in the College of Arts and Sciences section of this catalog.

- Five-Year Integrated Bachelor and Master of Arts in Elementary Education with Initial Certification (p. 107)
- Five-Year Integrated Bachelor and Master of Arts in Secondary Education with Initial Certification (p. 108)
- Five-Year Integrated Bachelor and Master of Arts in Special Education with Initial Certification (p. 110)
- Five-Year Integrated Bachelor and Master of Arts in Industrial and Organizational Psychology (p. 206)

## School of Engineering

More details about these programs may be found in the School of Engineering section of this catalog.

- Applied Data Science Five-Year Dual-Degree Program (p. 309)
- Electrical and Computer Engineering Five-Year Dual-Degree Program (p. 316)
- Management of Technology Five-Year Dual-Degree Program (p. 318)
- Mechanical Engineering Five-Year Dual-Degree Program (p. 324)
- Software Engineering Five-Year Dual-Degree Program (p. 310)

## One-Year Master's Degree Programs

Undergraduate students in the Dolan School of Business who excel academically are strongly urged to consider applying to one of the school's graduate programs in business (MBA; MS in Accounting, Business Analytics, or Finance). Beginning the application process and sitting for the standardized entrance exam (GMAT or GRE) can occur as early as the summer prior to the start of one's senior year of undergraduate study. If accepted, and contingent on first completing one's undergraduate degree, a student can begin the Master's program immediately after Commencement in the summer (MBA, MS Accounting) or in the following fall (MS Business Analytics and Finance).

- **MBA degree:** Students who excel in their undergraduate business core courses may be able to finish the MBA degree on a full-time basis in one year. The MBA provides both a greater breadth of knowledge in key business disciplines, as well as advanced studies in at least one area of concentration.
- **MS in Accounting:** This one year, full-time cohort program begins each summer, at the end of May and concludes at the end of the following spring semester. One of the major benefits of the program is the opportunity for the student to amass additional course credits in order to be '150 ready' for public accounting positions.
- **MS in Business Analytics:** Students in this program receive both conceptual and technical skills to be competitive in positions pertaining to big data management and statistical analysis. Required coursework includes topics in SQL, Python, R, EXCEL, data mining and visualization.
- **MS in Finance:** This highly specialized program of study can be completed on a full-time basis in one year, beginning each fall semester. Students seeking both advanced theory and practical applications/skill sets within the field of finance are strongly encouraged to consider this degree.

Students interested in any of these programs are encouraged to make an appointment with the Associate Dean and Director of DSB Graduate programs.

## Scholastic Honors

### Dean's List

To qualify for the Dean's List at the conclusion of each semester's work, a student must have completed a minimum of 12 credit hours, have no outstanding or incomplete grades for that semester, and have attained a semester grade point average of 3.50 or better.

### Graduation with Honors

Honors at graduation are awarded for the following weighted grade point averages computed on four years' work:

Summa Cum Laude	3.85
Magna Cum Laude	3.70
Cum Laude	3.50

### Alpha Sigma Nu

Alpha Sigma Nu, the national Jesuit honor society, serves to reward and encourage scholarship, loyalty, and service to the ideals of Jesuit higher education. To be nominated for membership, undergraduate students must have scholastic rank in the top 15 percent of their class, demonstrate a proven concern for others through involvement in extracurricular activities and service to the University, and manifest a true concern and commitment to the values and goals of the society. The Fairfield chapter was reactivated in 1981 and includes outstanding seniors who are encouraged to reflect scholarship, promote service to the University, and provide greater understanding of the Jesuit ideals of education within the University community.

### Beta Gamma Sigma

Beta Gamma Sigma is an international honor society recognizing the outstanding academic achievements of students enrolled in collegiate business programs accredited by AACSB International - The Association to Advance Collegiate Schools of Business. With more than 440,000 members worldwide, the Society's membership comprises the brightest and best of the world's business leaders. At Fairfield University, the top 7 percent of juniors, the top 10 percent of seniors, and the top 20 percent of graduate students are eligible for membership in the University's Beta Gamma Sigma chapter, which was established in 1998. Each spring, an induction ceremony is held at the Charles F. Dolan School of Business to welcome new members into the Society.

### Phi Beta Kappa

Phi Beta Kappa is the oldest and most widely recognized national academic honor society in the United States. Founded in 1776 at the College of William and Mary in Virginia, the society's aim is to encourage academic excellence in the broad range of the liberal arts. Membership is restricted to students who complete most of their coursework in the liberal studies curriculum; typically those are students who pursue B.A. or B.S. degrees in the College of Arts and Sciences. Fairfield's Zeta Chapter of Phi Beta Kappa was established in 1995. Each spring it installs new members from among the most academically talented upper-class students. Election to this chapter is based on scholastic standing and academic accomplishments and is limited to seniors and a highly select group of juniors.



Sigma Theta Tau

Sigma Theta Tau was founded by innovative thinkers who looked forward to a profession that recognizes and uses knowledge and learning to lead in service to others. Founded in 1922 by six students of nursing at Indiana University in the United States, the honor society began with one chapter and six members. During the past 85 years, it has evolved to more than 480 chapters across the globe, with more than 125,000 active members. As one of the most distinctive organizations in professional nursing, the honor society influences and changes the health of people by engaging the intellectual capital of nurses around the globe. By developing and building connections with diverse people and entities, we enable nurses to collectively and individually develop, create, use and apply their knowledge to make a difference for the greater good of people's well being.

Other National Honor Societies

Discipline-based national and international honor societies with chapters at Fairfield University include:

- Alpha Epsilon Delta - pre-medical
- Alpha Kappa Delta - sociology
- Alpha Mu Gamma - foreign languages
- Alpha Sigma Lambda - adult higher education
- Beta Alpha Psi - financial information
- Chi Sigma Iota - counseling, academic and professional (international)
- Lambda Pi Eta - communication
- Omicron Delta Epsilon - economics
- Phi Alpha Theta - history (international)
- Pi Mu Epsilon - mathematics
- Pi Sigma Alpha - politics
- Psi Chi - psychology
- Sigma Iota Rho - international studies
- Sigma Pi Sigma - physics
- Sigma Tau Delta - English (international)
- Sigma Tau Theta - nursing
- Sigma Xi, The Scientific Research Society - scientists and engineers (international)
- Theta Alpha Kappa - religious studies

Magis Core Curriculum

Applies to Class of 2023 and Later

Humanistic education rooted in Jesuit ethos, guides Fairfield's commitment to 'preparing young women and men for others' through a distinctive academic experience. Crucial to student success in academia and as future professionals in the workplace, the Magis Core Curriculum engages students to establish their own values and understanding of the world while emphasizing excellence in writing, critical reasoning, synthesis of solutions, communication, and an understanding of the 'why' and 'how' of associated human behaviors.

The Magis Core Curriculum is a discipline-based, tiered learning experience (Tier I: Orientation; Tier II: Exploration). Further, it requires students to experience interdisciplinary learning, be engaged with social justice issues, and undertake intensive writing both within the discipline and across the curriculum. The Magis Core provides a common

experience for all undergraduates, one that is grounded in the humanistic tradition and is thus a hallmark of a Fairfield education.

Tier I: Orientation

The Orientation Tier requires seven courses (ideally completed in the first two years of undergraduate study).

Code	Title	Credits
English		
ENGL 1001	Introduction to Rhetoric and Composition	3
History		
Select one HIST 1000-level course or CLST 1115 or CLST 1116		3
Mathematics		
Select one MATH 1000- or 2000-level course, based on placement <sup>1</sup>		3
Modern or Classical Language		
Select one language course based on placement <sup>2</sup>		3
Philosophy		
PHIL 1101	Introduction to Philosophy	3
Religious Studies		
Select one RLST 1000-level course		3
Modern/Classical Language or Mathematics		
Select one additional course in Modern/Classical Languages or Mathematics <sup>3</sup>		3
Total Credits		21

<sup>1</sup> MATH 1011 may not be used to satisfy this requirement.  
<sup>2</sup> If starting a new language, a placement exam is not necessary.  
<sup>3</sup> Placement is based on the initial course taken to fulfill Modern/Classical Languages or Mathematics.

Tier II: Exploration

The Exploration Tier requires eight courses, to be completed throughout four years of undergraduate study. Each department listed below determines which of its courses fulfill the Tier II Exploration requirements.

Code	Title	Credits
Behavioral and Social Sciences		
Select two courses from the following fields:		6
Communication		
Economics		
Politics		
Psychology (except PSYC 1610)		
Sociology and Anthropology (except ANTH 1200 and ANTH 1210)		
History, Philosophy, Religious Studies		
Select two 2000- or 3000-level courses from two different disciplines		6
Literature		
Select one course from the following fields:		3
Classics		
English		
Modern Languages and Literatures		
Natural Sciences		

Select two courses from the following fields:	6
ANTH 1200    Biological Anthropology	
ANTH 1210    Biomedical Anthropology	
Biology	
Chemistry and Biochemistry	
Physics	
PSYC 1610    Behavioral Neuroscience	
<b>Visual and Performing Arts</b>	
Select one 1000-level course from the following fields in Visual and Performing Arts:	3
Art History and Visual Culture	
Film, Television, and Media Arts	
Music	
Studio Art	
Theatre	
<b>Total Credits</b>	<b>24</b>

<sup>1</sup> Psychology majors may not use PSYC 1610 to fulfill the natural science requirement.

## Signature Elements

The Signature Elements requirements include seven courses, which may be covered by Orientation, Exploration, and major courses. Courses approved for these Signature Elements will be appropriately noted in the online registration system.

## Interdisciplinary

Select either one team-taught course, one cluster course, or one individually taught course (with at least one instructor in the College of Arts and Sciences). All courses fall within the Orientation and Exploration areas. (Attribute: MSID)

## Social Justice

Select one course providing an introduction to social justice (Attribute: MSJ1), and two additional social justice courses (Attribute: MSJ2), at least one of which accomplishes the learning outcomes through a focus on race, broadly construed, studied intersectionally with gender and class (Attribute: MSJR). MSJ1 and one MSJ2 course must be fulfilled within the Orientation and Exploration tiers. One MSJ2 course may be fulfilled within either the Orientation and Exploration tiers or within a major.

## Writing Across the Curriculum and Writing in the Discipline

Select two courses within the Orientation and Exploration areas, plus one additional course fulfilled within either the Orientation and Exploration tiers (Writing Across the Curriculum, Attribute: MWAC) or within a Major (Writing In the Discipline, Attribute: MWID).

# STUDY ABROAD

An international experience is an invaluable part of a complete undergraduate education. Fairfield offers exceptional learning opportunities for students beyond the classroom including semester abroad, faculty-led programs, internships, community volunteer work, academic excursions, and events that make their abroad experience enjoyable and meaningful. The Office of Global Fairfield assists students in navigating the wide array of international study choices. Students in every major have the opportunity to find a program that complements their academic studies and provides a life-changing experience. Visit the Global Fairfield website (<http://www.fairfield.edu/studyabroad/>) for more detailed information.

All students considering an international experience are strongly encouraged to plan ahead to maximize program opportunities and to ensure optimal match of major, minor, previous language studies and intended destination. To ensure an optimal experience students need to discuss their program with both the academic department of their major as well as the Office of Global Fairfield. Information sessions about study abroad are provided across the campus throughout the year including the Study Abroad Fair each September.

All students must apply through the Office of Global Fairfield for approval to study abroad. All applications will be considered, but students may not always receive acceptance for their desired program. Students must meet the admission requirements of both Fairfield and the selected program. Study abroad is intended to build upon and enhance majors and minors. For this reason, program choices will be carefully reviewed with each student to ensure a good fit between academics and destination. Students are encouraged to be flexible about when and where they will study abroad.

Admissions decisions are made in collaboration with the partner institution and are based on a variety of factors the first of which is academic compatibility. In addition, a student must be in good standing with the Dean of Students at the time of application and must maintain that status from acceptance through program completion. Students with unresolved code of conduct issues may not be approved for study abroad, such applications will be considered on a case by case basis. An overall GPA of at least 2.80 is required to study abroad for all programs, including short-term and summer. Certain programs have their own criteria and may require higher a GPA. Students studying in a non-English speaking country for a semester or year must take one course on local language and culture while abroad. Students with advanced language skills may choose to take a content course taught in the local language to satisfy the language and culture course requirement.

Students who study abroad through Fairfield University on an approved program for a semester or year are charged regular Fairfield tuition. Housing and meal charges will vary by location. All Fairfield scholarships and aid, including federal funds, may be used towards study abroad expenses for one semester with the exceptions of athletic scholarships, tuition remission, FACHEX, tuition exchange, and work-study monies. With the approval of the Director of Study Abroad, students who major in Modern Languages, International Business, or International Studies may use Fairfield University financial aid for two semesters abroad for select programs.

Credits for studying abroad will only be granted for academic work successfully completed at approved international programs. All coursework must receive pre-approval (coordinated through the Office

of Global Fairfield). Only pre-approved courses, taken at an approved program location, will be transcribed and accepted into a student's curriculum.

Fairfield University administers its own programs (<https://fairfield.studioabroad.com/?FuseAction=Programs.ListAll>), called 'Centers,' in Australia, England, France, Ireland, Italy, and Spain. All academic course work completed at a Fairfield University Center program is considered Fairfield University resident credit, and the grades are calculated into the student's grade point average. All students participating in these Center programs will receive Fairfield credit and grade for the term. The foreign university responsible for teaching the courses will issue a transcript with credits and grades earned by the students. These grades will be posted to the students' Fairfield transcripts. Fairfield University cannot edit, delete, or change the grade notations on a foreign university transcript.

The University also has a variety of affiliated programs throughout the world including Europe, Asia, Africa, and Latin America through other Jesuit universities and organizations such as AJCU, AIFS, College Year in Athens (CYA), and the Beijing Center (TBC). Not every program in every location is approved for Fairfield University students; please consult with a study abroad advisor or visit the study abroad website for the list of approved programs. All students participating in approved affiliate programs receive transfer credit for the term. The foreign university responsible for teaching courses will issue a transcript with credits and grades earned by the student. In order to receive the transfer credits the student must earn the equivalent of 'C' or higher from the foreign university. Fairfield University cannot edit, delete, or change the grade notations on a foreign university transcript.

In addition, Fairfield faculty members conduct short-term study abroad programs during Winter Intersession, spring break, and summer. Prior programs have been conducted in English literature in Ireland, art history in Florence, history in Russia, psychology in Ireland, and many more. These programs carry credit in various disciplines and can be used for core or major or minor requirements. Short-term programs change each year; please consult with a study abroad advisor ([studyabroad@fairfield.edu](mailto:studyabroad@fairfield.edu)) or visit the study abroad website (<https://www.fairfield.edu/undergraduate/study-abroad/fairfield-students/>) for current offerings.

While studying abroad, Fairfield University academic and student conduct policies remain in effect. Participants are expected to follow and adhere to these policies as enumerated in the Undergraduate Catalog and Student Handbook. From time to time deviations from these published documents may be required due to differences in law, practice or custom abroad. Students are also required to adhere to all local laws. Students who violate the code of conduct while abroad will be required to meet with staff from the Dean of Students Office by phone, Skype, or Zoom to address the violation. Infractions will become part of their student record and serious violations may result in the dismissal of the student from the program. If a student is dismissed due to code of conduct violations no credit or transcript will be awarded and no program fees will be refunded.

For academic grievances, the normal procedure for informal resolution as specified in the catalog is modified as follows. Students must first file a written appeal with the instructor, followed by a written appeal to the program if the first level appeal does not resolve the matter. If the second step also fails to resolve the matter, students have the option of filing a third step grievance through the Director of Study Abroad. After conversation with the instructor of record and/or program, the Director will inform the student whether or not the grade shall be changed by

the instructor of record. If the student is dissatisfied with the outcome, the Director will inform the student of the right to initiate formal review procedures. However, if the overseas institution does not offer an appeal process, or does not provide a response to the appeal, participants will be unable to file a formal grievance of their grades.

Withdrawal from a study abroad program after the start date must be done with approval from Fairfield University. Early withdrawal from any program could cause the student to forfeit all courses, grades, transcripts, and program fees. If a student requests a withdrawal for medical reasons the medical reason must be verified by our medical insurance provider prior to departure from the program for support and benefits to apply. If the student does not comply with the medical verification and withdraws from the program without approval, no credit or transcript will be awarded and no program fees will be refunded. If a student requests a withdrawal for personal reasons Fairfield University will require verification and may request additional documentation in order to approve the withdrawal. If a student does not comply with the request for verification and withdraws from the program without approval, no credit or transcript will be awarded and no program fees will be refunded.

Fairfield University is not required to approve withdrawal requests. If Fairfield University authorizes a withdrawal, a meeting will be required of the student upon their return to the States to discuss whether or not any course work is recoverable and how to proceed. Fairfield University cannot guarantee the completion of all courses interrupted by an early return. All requests will be handled on a case by case basis. Approval of withdrawal does not imply or guarantee that any courses, grades, or transcripts will be awarded or that any program fees will be refunded.

Planning ahead is essential to ensure a successful experience. Fairfield has programs for students at all academic levels in a variety of formats, from 10 days to an entire academic year. For First Year Students: it's not too early to consider destinations and start planning. Talk with your academic advisor about study abroad so you can take appropriate courses both here at Fairfield University and your destination. Be sure to attend the Study Abroad Fair in September, attend information sessions, and meet with a Study Abroad Advisor to get information about the application process and the steps required before your departure. Learn about your options and discuss them with your academic advisor, faculty, and family. For fall/spring/summer programs check the study abroad website for application deadlines and requirements. For Juniors: you may study abroad during the fall of your Senior year at Fairfield programs for which grades as well as credits are recorded. To learn more about all of our semester, summer, spring break, and intersession programs, consult with a study abroad advisor ([studyabroad@fairfield.edu](mailto:studyabroad@fairfield.edu)) or visit the study abroad website (<https://fairfield.studioabroad.com/?FuseAction=Programs.ListAll>) for current offerings.

Study Abroad through Fairfield University: We create pathways that reflect well on your major course of study. We encourage you to consider the many choices Fairfield offers to spend a semester, a year, a month, or just ten days abroad earning academic credit and gaining the kind of knowledge only an international experience can provide.



# TUITION, FEES, AND FINANCIAL AID

Application Fee (non-refundable)	\$65
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## Full-Time Undergraduates

Tuition (12 to 20 credits per semester)	\$50,550 per year
General Fee (full year)	\$775
General Fee (spring transfer admit)	\$387

Tuition is payable on or before August 1 for the fall semester and January 1 for the spring semester. A tuition acceptance deposit (non-refundable and credited toward the fall semester's tuition) of \$200 is paid upon acceptance of the notice of admission.

## Resident Student Fees

Residence Halls and Meals	\$15,610 <sup>1</sup>
Apartment Complex and Townhouses (Room Only)	\$13,080 <sup>1</sup>
Room Deposit	\$400 <sup>2</sup>

- <sup>1</sup> Payable on or before August 1 for the fall semester and January 1 for the spring semester.
- <sup>2</sup> Not refundable if reservation is voluntarily canceled. Credited when graduating or leaving the school or University housing.

## Part-Time Undergraduates

Matriculation Fee	\$65
Summer and Winter Sessions	\$775 per credit
Tuition (less than 12 credits; Fall and Spring semesters for part-time admitted students)	\$775 per credit
Tuition (12 credits or more; Fall and Spring semesters)	\$25,275 per semester
Tuition (Full-Time Undergraduates going Part-Time; Fall/Spring semesters)	\$1,855 per credit
Tuition (Engineering, Part-Time)	\$825 per credit
Tuition (Nursing, RN to BSN)	\$720 per credit
Tuition (Nursing, Second Degree)	\$825 per credit
Registration Fee	\$50 per semester

## Special Fees

Orientation Fee (First Year Students)	\$400
Orientation Fee (Transfer Students)	\$150
Engineering Lab Fee	\$100 per course
Finance Lab Fee (FNCE 2101)	\$125 per course
Science Laboratory Fee	\$75 per course
Film, Television, Media Fee	\$75 per course
Studio Arts Materials Fee (painting, drawing, and sculpture)	\$75 per course

Studio Arts Materials Fee (digital print and photography)	\$125 per course
Music Lessons	\$595 per course
Extra Course (above 20 credits for Full-Time Undergraduates)	\$1,855 per credit
Automobile Registration Fee	\$150
Returned Check Fee	\$35
Graduation Fee	\$200
Academic Transcript	\$10

## Nursing Student Costs

Nursing Lab and Clinical Fee	\$125 per semester
ATI Testing Fee	\$115 per semester
Castle Branch (one-time fee for background check and health document manager)	Approximately \$100

Transportation to clinical experiences and parking fees are the responsibility of the student.

The Trustees of the University reserve the right to change tuition rates and to make additional charges whenever they believe it to be necessary. The University reserves the right to charge a late fee on amounts past due 30 days or more. The late fee is 2% per semester with a minimum of \$100 per semester.

International students who are admitted must make known to the University the source of their financial support for their college education. They will be expected to make a deposit before a certificate of eligibility (I-20) is issued.

The University makes available a monthly payment plan as well as federal and private loan programs. Information on the payment plan and the loan programs are available to all students. Please contact the Office of the Bursar for additional information.

No degree will be conferred and no transcripts will be issued until all financial obligations to the University have been met.

## Refund Policy

Refunds, as the result of official withdrawal through the University Registrar's Office, will be made according to the following schedule for full-time students. General and special fees are not refundable.

Official Withdrawal Date	Refund % of Charge
First Week	90
Second Week	80
Third Week	60
Fourth Week	40
Fifth Week	20
Sixth Week or later	0

Refunds take two to three weeks to process.

## Financial Aid

## Financial Aid Policy

Fairfield University administers a comprehensive financial aid program offering assistance on the basis of need and merit, with funds derived

from University, state and federal government, and private student aid programs. Need-based funds are distributed following a thorough analysis of a family's ability to pay for educational expenses. The amount of need-based assistance provided to a student will vary from year to year depending on the student's need and the availability of funds. Merit-based awards are offered to academically talented students as entering first year students and can be renewed for their remaining three years of enrollment if students meet the academic requirements. Assistance funded by the University is credited toward tuition unless otherwise indicated. Renewal of any type of assistance is contingent on the recipient making satisfactory academic progress and on filing the Free Application for Federal Student Aid (FAFSA) and CSS Profile applications on time every year.

Students who demonstrate need will receive a financial aid package that may consist of grants, scholarships, student employment, and student loans. Although the University invests a significant amount of its own resources in its student aid programs, funds are limited; it is usually not possible to meet a student's full need. In the instances when a family needs additional resources, the University will recommend a payment plan and loan options. Financial aid awards are usually offered to prospective first year students during March, assuming the appropriate applications have been filed on time. Returning students who apply for financial aid will receive their award notifications beginning in June through University email and in their my.Fairfield account. Financial Aid administrators are available throughout the year to answer questions and to provide assistance. The Office of Financial Aid is located at the Kelley Center and the staff can be reached at 203-254-4125 or by email (finaid@fairfield.edu).

## Application Procedures

To apply for financial aid, all undergraduate students must complete the Free Application for Federal Student Aid (FAFSA) and the CSS Profile Form on an annual basis; forms must be submitted to the respective processing centers by University deadlines. The Noncustodial Parent Profile, in some instances, may also be required. Prospective first-year students are required to complete the FAFSA, CSS Profile, and the Noncustodial Parent Profile by January 15; Early Action and Early Decision I candidates must complete the FAFSA, CSS Profile, and Noncustodial Parent Profile by December 1 and Early Decision II candidates must complete the FAFSA, CSS Profile, and Noncustodial Parent Profile by January 15.

Returning students must apply by April 15 and Transfer students must apply by June 1 for fall semester and December 1 for Spring semester.

Students may file the FAFSA (<http://fafsa.ed.gov>) and CSS Profile (<http://www.collegeboard.org>) online. Fairfield's FAFSA code is 001385 and the CSS Profile code is 3390. By accepting any financial aid, you obligate yourself to verify the application information if selected for verification by either the federal processing center or the Office of Financial Aid. Financial aid awards are estimated until the Office of Financial Aid confirms eligibility. If a student is selected for the verification process, the Office of Financial Aid will provide notification of the required documentation in order to complete the file review and confirm aid eligibility. Documentation required for verification is due no later than August 1. Financial aid awards may change based on verification results. Failure to comply with verification requirements in a timely manner will result in cancellation of need-based aid.

Returning student financial aid applicants that feel as though completing a subsequent CSS Profile form presents a financial hardship, may request

a CSS Profile form waiver from the Office of Financial Aid by writing or emailing the Office of Financial Aid by April 15 to request such a form waiver. CSS Profile form waivers are granted at the discretion of the Office of Financial Aid.

Part time matriculated students may apply for federal financial aid by completing the Free Application for Federal Student Aid (FAFSA). While there is no published deadline by which to apply, it is recommended that the FAFSA be submitted for processing and review at least six weeks prior to the start of the semester for which you will be enrolling.

## Renewal of Financial Aid Awards

Need-based awards of University grants and scholarships will be renewed provided that the recipient reapplies for aid by University deadlines, continues to demonstrate sufficient need and maintains satisfactory academic progress standards. Need-based awards may be adjusted depending on changes in a student's need. Renewal of state and federal award funds will depend on a student's continued eligibility and on the availability of funds. Merit-based awards will be renewed at the same amount received as in the first year as long as the required minimum grade point average is earned for renewal.

## Financial Aid Disbursements

Federal and university financial aid disburses on Mondays and Wednesdays of every month with some exceptions. Financial aid does not disburse on scheduled University holidays. Federal loans do not disburse during the monthly reconciliation period from approximately the 25th of each month and the first Monday after the first Saturday of the next month. Final disbursement days and financial aid processing days for each semester are published on the academic calendar each year.

## Standards for Satisfactory Academic Progress

For students to be eligible for federal, state or university need-based financial aid, they must be in good academic standing and must make Satisfactory Academic Progress (SAP) toward a degree. SAP is measured at the end of each academic year and is based on both pace of enrollment and academic performance at the time of measurement. Pace is determined by the total number of credit hours completed as a proportion of those attempted. Incomplete grades, repeated courses and course withdrawals that occur after the drop/add period are counted in the credit hours attempted. If the student has transfer credits, the credit hours are counted in both the credit hours completed and attempted.

Academic performance is measured by GPA including grades earned only in Fairfield University courses. In order to make SAP, students advancing from the first year to the sophomore year are expected to have a weighted cumulative GPA of 1.90 or better. At the end of the sophomore year, students are expected to have a weighted cumulative GPA of 1.90 or better. At the end of junior year, students should have an weighted cumulative GPA of 2.00 or better. For the purposes of both pace and academic performance, summer courses will be included as the trailing term of the academic year.

Pace of enrollment is measured by the percentage of attempted credit hours that are completed. Students must complete at least 67% of the credit hours attempted in a year in order to receive financial aid in the following year. Overall, students are eligible for university-based aid for up to eight semesters of enrollment; students may receive federal financial aid up to 150% (typically 6 years) of the normal time to degree completion. Repeated courses will be counted as part of the

attempted and completed courses, and part of the 150% of normal time to completion.

Students who lose eligibility for financial aid as a result of failure to make satisfactory academic progress may appeal to be placed on financial aid probation. This appeal must include the reasons for the lack of progress and the student's anticipated steps for improvement. In order to consider the appeal, the student will need to submit an approved academic plan that will lead to achievement of SAP standards. If during the probation period the student has not successfully achieved satisfactory academic progress, the student may appeal with a modified academic plan. Probation may last for up to one academic year, unless there are extraordinary circumstances. While on probation, a student's progress will be monitored at the end of each semester.

## Notification

The Office of Financial Aid will notify all students who fail to maintain satisfactory academic progress. Students will be notified of their SAP status by mail and university email.

## Reinstatement of Financial Aid

To have financial aid eligibility reinstated, a student may make up the credit hour and/or grade point index deficiencies in a subsequent term without receipt of financial aid for that term. University aid is only offered (if the student maintains eligibility) for eight consecutive semesters.

## Appeal Process

A student who believes his/her failure to meet SAP standards was due to extenuating circumstances beyond his/her control may appeal in writing to the Appeals Committee. Some examples of extenuating circumstances are:

- A student's serious illness or accident
- Death or serious illness in the student's immediate family
- Cancellation/discontinuance of a class by the University
- Other unforeseeable circumstances beyond the control of the student that caused the student to fall below the satisfactory progress standards

Students should submit the SAP Appeal Form ([https://www.fairfield.edu/media/fairfielduniversitywebsite/documents/admission/fa\\_sap\\_appeal.pdf](https://www.fairfield.edu/media/fairfielduniversitywebsite/documents/admission/fa_sap_appeal.pdf)), including a personal letter, explaining the reason for the request and reason for their current academic status. In addition, an approved Academic Plan must be completed by the student and by an administrator from the appropriate Dean's Office. The Academic Plan ([http://www.fairfield.edu/media/fairfielduniversitywebsite/documents/admission/fa\\_academic\\_plan.pdf](http://www.fairfield.edu/media/fairfielduniversitywebsite/documents/admission/fa_academic_plan.pdf)) can be obtained in the Dean's Office of any school, or printed online. The appeal form, personal letter, Academic Plan, and any other supporting documentation (if desired), must be submitted to the student's financial aid counselor (<http://www.fairfield.edu/finaid/>) in the Office of Financial Aid.

If an appeal for one semester of probationary financial aid is approved, a student's progress will be monitored at the end of each semester. If after the financial aid probation period the student has not successfully achieved the required minimum GPA for reinstatement of the full financial aid award, the student may submit an appeal letter to request an extended probationary period of financial aid. Financial aid probation may last for up to one year, unless there are extraordinary circumstances.

Appeals must be submitted to the Office of Financial Aid by July 1, or by other stated deadlines as provided by the Office of Financial Aid. If reinstatement of aid is sought for summer sessions, the appeal must be submitted prior to the first day of classes for that term. It is the responsibility of the student to initiate an appeal before a specified SAP Appeal deadline.

## Estimate of Expenses

The student cost of attendance used in determining financial aid eligibility includes direct charges from the University as well as other expenses incurred by a student during the course of the academic year. The cost of attendance for a full time resident student, for the 2020-21 academic year, is as follows:

Tuition	\$50,550
General Fee	\$775
Room and Board Allowance	\$15,610
Books and Supplies	\$1,150
Personal Expenses	\$930
Transportation	\$800
<b>Total Residential Budget</b>	<b>\$69,815</b>

## Academic Withdrawal

Those who are asked to withdraw from the University for academic failure will lose entitlement to financial aid. Students who are later readmitted to the University may appeal for reinstatement of some financial aid, but aid is not automatically reinstated. Students' satisfactory academic progress (SAP) status will be reviewed if a student is reinstated to the University. Students may be asked to complete the SAP appeal process as part of the re-determination of financial aid eligibility.

## University Merit or Need-Based Aid Policy for Withdrawals

Students are approved for voluntary or medical withdrawal by taking the appropriate steps as prescribed in the Academic Policies section of this catalog. Students that are receiving University financial aid will have their University need-based and merit-based aid prorated based on the following schedule:

Official Withdrawal Date	% of University Aid Earned
Before first scheduled class	0
Before second scheduled class	40
Before third scheduled class	60
Before fourth scheduled class	80
After fourth scheduled class	100

Note: For courses meeting for less than a full semester (15 weeks), financial aid entitlement will be adjusted accordingly.

## Federal Return of Title IV Funds Policy

The Financial Aid Office is required by federal statute to recalculate federal financial aid eligibility for students who withdraw, drop out, are dismissed, or take a leave of absence prior to completing 60 percent of a payment period or term. Federal Title IV financial aid programs must be recalculated in these situations. You must begin enrollment in the semester in order to be eligible for a federal student aid disbursement.

Withdrawal before the semester start will result in cancellation of federal aid.

If a student leaves the institution prior to completing 60 percent of a payment period or term, the Financial Aid Office recalculates eligibility for Title IV funds. Recalculation is based on the percentage of earned aid using the following Federal Return of Title IV funds formula: percentage of payment period or term completed equals the number of days completed up to the withdrawal date, divided by the total days in the payment period or term. (Any break of five days or more is not counted as part of the days in the term.) This percentage is also the percentage of earned aid. Funds are returned to the appropriate federal program based on the percentage of unearned aid using the following formula: aid to be returned equals 100 percent of the aid that could be disbursed, minus the percentage of earned aid, multiplied by the total amount of aid that could have been disbursed during the payment period or term.

If a student earned less aid than was disbursed, the institution would be required to return a portion of the funds, and the student would be required to return a portion of the funds. Keep in mind that when Title IV funds are returned, the student borrower may owe a debit balance to the institution. If a student earned more aid than was disbursed, the institution would owe the student (or parent in the case of a PLUS loan) a post-withdrawal disbursement which must be paid within 180 days of the student's withdrawal. Students (or parents in the case of a PLUS loan) due a post-withdrawal disbursement will be emailed and mailed a notice to reply no later than 14 days of the date of the notice to confirm or refuse the disbursement. No reply will indicate a refusal of the disbursement. The institution must return the amount of Title IV funds for which it is responsible no later than 45 days after the date of the determination of the date of the student's withdrawal. Refunds are allocated in the following order:

1. Unsubsidized Direct Loans
2. Subsidized Direct Loans
3. Federal Perkins Loans
4. Federal Direct PLUS Loans
5. Federal Pell Grants for which a return of funds is required
6. Federal Supplemental Opportunity Grants for which a return of funds is required
7. Federal TEACH Grants for which a return of funds is required
8. Iraq and Afghanistan Service Grant for which a return of funds is required

## Example

The Spring semester begins on January 16, 2018. Sarah Smith began the official withdrawal process with her dean and it was determined that her official withdrawal date would be March 7, 2018. The total number of days in the Spring semester are 107. Sarah completed 51 days of the semester or 47.7%. Sarah had a total federal aid disbursement of \$4,357.00. Seeing that Sarah only completed 47.7% of the Spring semester, she also earned only 47.7% of her Spring financial aid (\$4,357.00 x 47.7% = \$2,078.29). The amount of Title IV aid to be returned is calculated:

$$\$4357.00 - \$2,078.29 = \$2,278.71$$

Next, the institution must also determine the percentage of unearned charges based on the total semester charges for the period in which the student will withdraw. First, add the total semester charges. For this example, Sarah's total semester charges is \$23,245.00. Sarah did not attend the full semester (100%). To determine the portion of the semester

that Sarah attended, subtract her percentage completed from the total: 100% - 47.7% = 52.3%. To determine Sarah's unearned charges, the school would calculate unearned charges in the following manner:

$$\$23,245.00 \times 52.3\% = \$12,157.14$$

Compare the amount of Title IV aid to be Returned above to the amount of unearned charges. The lesser amount is the total of unearned aid that the school is responsible to return. The amount returned is based on the amount disbursed (which may vary by students) and in accordance with the schedule above. If the amount returned in direct loans is less than the total amount in direct loans disbursed to the student, resulting in earned loan funds or in unearned loan funds that the school is not responsible for repaying or both, Fairfield University will notify the loan holder of your withdrawal and withdrawal date. The resulting loan must be repaid in accordance with the terms of the student's promissory note. Fairfield University will return the loan funds within 45 days of notification from the University Registrar of a student's withdrawal.

Students will be mailed a notice of withdrawal from the Office of Financial Aid which will include a copy of the student's withdrawal calculation indicating the amount returned by Fairfield University and the amount that is the responsibility of the student.

## Reinstatement of Financial Aid Upon Readmission to the University

Students who are later readmitted to the University may appeal for reinstatement of some financial aid, but aid is not automatically reinstated. A student's satisfactory academic progress (SAP) status will be reviewed once the student is reinstated to the University. The student may be asked to complete the SAP appeal process as part of the re-determination of financial aid eligibility upon readmission to the University.

## Merit Scholarship

All merit scholarships awarded by Fairfield University are renewable for eight consecutive semesters of study provided the recipient earns the required minimum GPA for renewal. The GPA renewal requirement, which varies by level of award, is included in the initial award letter provided at the time of the student's admission to Fairfield and is measured at the end of each academic year.

Students who lose eligibility for merit scholarship as a result of failure to meet the minimum GPA requirement may appeal to be placed on merit scholarship probation. Students must submit the SAP Appeal Form ([https://www.fairfield.edu/media/fairfielduniversitywebsite/documents/admission/fa\\_sap\\_appeal.pdf](https://www.fairfield.edu/media/fairfielduniversitywebsite/documents/admission/fa_sap_appeal.pdf)), including a personal letter, explaining the reason for the request and reason for their current academic status. The appeal form, personal letter, and any other supporting documentation (if desired), must be submitted to the student's financial aid counselor (<http://www.fairfield.edu/finaid/>) in the Office of Financial Aid.

If an appeal for probationary merit scholarship status is approved, a student will be permitted up to two (2) consecutive semesters after the status has been granted, to obtain the required cumulative GPA necessary for the scholarship level. Merit scholarship probation may last for up to one year, unless there are extraordinary circumstances. If after the merit scholarship probation period the student has not successfully achieved the required minimum GPA for reinstatement of the full merit scholarship, the merit scholarship will be canceled indefinitely. If, in a future semester, the student obtains the required cumulative GPA necessary for renewal of the scholarship, the renewal



is not automatic. The student must submit a letter of appeal requesting reinstatement of the scholarship to the Associate Director of Financial Aid for reinstatement consideration. The reinstatement of the merit scholarship is at the sole discretion of the Office of Financial Aid.

Appeals must be submitted to the Office of Financial Aid by July 15, or by other stated deadlines as provided by the Office of Financial Aid. If reinstatement of aid is sought for summer sessions, the appeal must be submitted prior to the first day of classes for that term. It is the responsibility of the student to initiate an appeal before a specified SAP Appeal deadline.

## Fairfield University Grant

In addition to scholarships, a number of need-based grants are awarded by the University. Amount and availability of each grant is dependent upon the current status of revenues from which they are drawn. Demonstrated financial need, as well as academic performance and potential, are the criteria used in determining the awards. Fairfield University provided \$86 million of its own resources in 2018-19 for financial aid. Most scholarships and University grants are offered with other types of federal or state aid. Students receiving University grants or scholarships are eligible to receive such assistance for eight consecutive semesters from the date of enrollment as a first year student. Semesters spent in a study abroad program (whether Fairfield or that of another institution) are included in the eight consecutive semester limit whether or not a student receives University aid during the semesters. The eight consecutive semester limit is pro-rated for transfer students.

## Federal Grants

### Federal Pell Grant

A federal entitlement program that provides grants of up to \$6345 to eligible students in the 2020-21 academic year who are pursuing their first baccalaureate degree.

### Federal Supplemental Educational Opportunity Grant

Grants from federal funds are made available to students who demonstrate exceptional financial need. Funding for the program is very limited. Priority is given to Federal Pell Grant recipients.

## State Scholarships and Grants

All financial aid applicants should research the opportunities that exist in their home state for other scholarships or grants. Students should contact their state board or commission for higher education or consult their high school guidance counselor for information.

## Loan Programs

### Direct Loan

Federal Direct Loans may be obtained online (<https://studentaid.gov>). Up to \$5500 per academic year for first year students (max \$3500 subsidized), \$6500 per academic year for sophomore-level students (max \$4500 subsidized), or \$7500 per academic year for junior- and senior-level students (max \$5500 subsidized) may be borrowed. Repayment begins six months after a student ceases to enroll at least half-time (six credits or more). Students must file a FAFSA before a Direct Loan can be processed. The FAFSA will determine if the student is eligible for a subsidized loan (the federal government pays interest while student is enrolled) or unsubsidized loan (student pays or allows interest to accrue while enrolled full-time). The interest rate for loans disbursed July 1, 2019 through June 30, 2020 is fixed at 4.53%. Interest rates on

loans disbursed after July 1, 2020 have not been determined as of the date of publication of this catalog. The Direct Loan funds sent to the University on the student's behalf will be reduced by an origination fee. The origination fee is determined by the Department of Education and is subject to change October 1 of each year. The current origination fee on loans disbursed prior to October 1, 2020 is 1.059%. The interest rate and origination fee both change annually. For current Direct Loan origination fees and interest rates, please visit the Direct Loans website (<https://studentaid.gov>).

### Direct PLUS Loan

This is a loan program for parents of dependent undergraduate students. A parent may borrow up to the cost of education minus any financial aid received during any one academic year. Students must file a FAFSA for parents to be eligible to borrow a PLUS loan. Parents and students must meet general eligibility requirement and parents must pass a credit check to be eligible to borrow a PLUS loan. Parents can apply online (<https://studentaid.gov>). Repayment begins 60 days after disbursement of the loan. The interest rate for PLUS loans disbursed July 1, 2019 through June 30, 2020 is fixed at 7.08%. Interest rates on loans disbursed after July 1, 2020 have not been determined as of the date of publication of this catalog. The Direct PLUS Loan funds sent to the University on the student's behalf will be reduced by an origination fee. The origination fee is determined by the Department of Education and is subject to change October 1 of each year. The current origination fee on PLUS loans disbursed prior to October 1, 2020 is 4.236%. Both the interest rate and origination fee changes annually. For current Direct PLUS Loan origination fees and interest rates, visit the Direct Loans website (<https://studentaid.gov>).

### Alternative Loans

It is recommended that students borrow the maximum in Direct Loans before considering an alternative student loan. Direct Loans tend to be less expensive with fixed interest rates and provide various options for repayment. The Office of Financial Aid will certify any alternative loan at the request of any borrower, provided they are approved; however, it is the responsibility of the borrower to determine which alternative loan best fits their borrowing needs.

Alternative student loans are available to help students cover any financial gap that may exist between their educational costs (cost of attendance) and the amount of financial aid they are receiving. There are many types of alternative student loans, each are calculated with different interest rates and repayment terms, which vary, depending on the borrower and co-borrower's credit-worthiness. Fairfield University does not have a preferred lender list for alternative loans. Additional information may be found at our website (<http://www.fairfield.edu/finaid/>). Students and families should research what alternative loan suits their borrowing needs. Most, if not all, undergraduate students usually require a credit-worthy co-borrower in order to obtain the best interest rate(s) and benefits. If you need assistance with any loans, please email ([finaid@fairfield.edu](mailto:finaid@fairfield.edu)) the Office of Financial Aid or call 203-254-4125.

### Tuition Payment Plan

The University offers a tuition payment plan, an interest-free, semester based payment plan for educational expenses. Please contact the Office of the Bursar for more information.

## Veterans

Veterans may apply GI Bill educational benefits to degree studies pursued at Fairfield University. Veterans should consult with the Office of Financial Aid regarding the process and eligibility for possible matching funds through the Post-9/11 GI Bill® and Yellow Ribbon program, as well as Fairfield's Veterans Pride grant. Information about the program, including free tuition for some veterans, is available on our website (<https://www.fairfield.edu/veterans/>). The School Certifying Official, located in the Office of the University Registrar, will complete and submit the required certification form for all veteran benefits.

## VA Pending Payment Compliance

In accordance with Title 38 US Code § 3679 (e), Fairfield University adopts the following additional provisions for any student using U.S. Department of Veterans Affairs Post-9/11 GI Bill® (Chapter 33) or Vocational Rehabilitation and Employment (Chapter 31) benefits.

While payment to the University is pending from the VA, Fairfield University will not prevent the student's enrollment, assess a late payment fee, require the student to secure alternative or additional funding, or deny the student access to any resources available to other students who have satisfied their tuition and fee bills to the university.

In order to qualify for this provision, such students are required to provide a Chapter 33 Certificate of Eligibility (or its equivalent), or for Chapter 31, a VR&E contract with the school on VA Form 28-1905 by the first day of class.

Note: Chapter 33 students can register at the VA Regional Office to use eBenefits to receive the equivalent of a Chapter 33 Certificate of Eligibility. Chapter 31 students cannot receive a completed VA Form 28-1905 (or any equivalent) before the VA VR&E case manager issues it to the school.

## Campus Employment

### Federal Work Study Program

Federal Work Study (FWS) may be offered to students who demonstrate financial need as determined by the FAFSA and university policy. Eligible students can seek employment on or off campus with participating offices and/or agencies. Whenever possible, students may also consider employment that relates to their field of study. For more information regarding Fairfield's FWS program, visit our website (<http://fairfield.edu/fws/>).

### University Employment

Students who do not qualify for participation in the Federal Work-Study Program, but would like to work part-time to earn money for college expenses, may obtain employment in the cafeteria, the bookstore, and several other campus locations. It is recommended that students contact the offices/departments in which they are interested in working.

## Consumer Information

Fairfield offers a Net Price Calculator, an additional resource to help students and their families estimate merit-based and need-based aid for which they may qualify for at Fairfield University. For access to the calculator and more information, visit our website (<https://www.fairfield.edu/undergraduate/financial-aid-and-tuition/net-price-calculator/>).

## Scholarships

Through the generosity of individuals, corporations, and foundations, a number of scholarships have been made available to students at the University. These gifts continue the rich tradition of philanthropy that characterizes American life, and it is through the donors' generosity that Fairfield is able to offer these scholarships. The University is pleased to be a beneficiary of that tradition and commitment. Students applying for financial aid are considered automatically for the named scholarships listed here, which are administered by the Office of Financial Aid in accordance with the wishes of the donors.

For more information about financial aid at Fairfield University, please contact the Office of Financial Aid at 203-254-4125 or by email ([finaid@fairfield.edu](mailto:finaid@fairfield.edu)). For more information about billing or tuition, please contact the Office of the Bursar, 203-254-4095. Inquiries can also be sent to either office at Fairfield University, 1073 North Benson Road, Fairfield, CT 06824-5195.

### 70s Women Reaching Out

Established by Joellin Comerford '74 in 2012 to provide financial aid to an undergraduate student with demonstrated financial need. Additional support was provided by alumnae from the 1970s. Preference is given to economically disadvantaged young women from the inner cities of America.

### AJM Family Scholarship

Established in 2013 by Andrew '89 and Jennifer '89 McMahon to provide financial aid for deserving students with financial need.

### Ackerman Family Scholarship

Established in 2014 by Thomas and Cindy Ackerman P'10 to provide financial aid to students.

### Alumni Association Athletic Scholarship

A scholarship established by the Fairfield University Alumni Association to provide financial aid to junior or senior student-athletes with demonstrated need who have made significant contributions to their teams.

### Alumni Multicultural Scholarship

A fund established with the proceeds from the annual Alumni Association Awards Dinner to help meet financial needs of minority students.

### Michael R. Andrews '89 Memorial Scholarship

A scholarship established by several former teammates and classmates of Mike Andrews with the intention of providing financial aid to a student with demonstrated need. Mike's passion and spirit will live on through those who receive this scholarship.

### Arthur Anderson Scholarship

Established by the family of the late Dr. Arthur L. Anderson, a professor of Sociology and Anthropology, to honor his memory. The scholarship provides financial aid to an undergraduate student who intends to pursue a career that will promote cultural diversity in society.

### Margaret M. Atwell Scholarship

A scholarship established through the generosity of Bill and Peggy Atwell P'08, this fund gives preference to a female student enrolled in the Charles F. Dolan School of Business who has demonstrated financial need.

#### **The Atwell Family Scholarship**

A scholarship established by Bill and Peggy Atwell P'08 in 2013 to provide financial assistance to deserving students from the Charles F. Dolan School of Business.

#### **Marcia A. Barris & Joseph F. Walton Scholarship**

A scholarship established in 2017 by Joseph Walton '75. It is awarded to students enrolled in the Dolan School of Business, with additional preference given to female students majoring in Finance.

#### **BD Foundation Nursing Scholarship**

A scholarship established by the BD Foundation to provide high-quality educational experiences that educate healthcare leaders within key geographic areas for students pursuing a BS in nursing who are interested in attending a graduate nursing program at a Jesuit school.

#### **The Beckwith Family Scholarship**

A scholarship established by Mark '80 and Patti Beckwith to provide assistance to students with financial need.

#### **Mark Beckwith '80 Scholarship**

An athletic scholarship established by Mark Beckwith '80 for a men's basketball student-athlete.

#### **Beiersdorf Nursing Scholarship**

An endowed scholarship established in 1986 by Beiersdorf, Inc., of Wilton, Conn., the fund assists chemistry majors and offers an internship opportunity.

#### **Carl and Dorothy Bennett Scholarship**

A fund established by Mr. and Mrs. Carl Bennett to provide annual scholarships for Fairfield University students on a financial need basis.

#### **Joseph F. '72 and Gail T. Berardino Scholarship**

Established in 2001 by alumnus and University Trustee Joseph F. Berardino, this need-based scholarship assists students in the Charles F. Dolan School of Business.

#### **Barbara M. Berchem Memorial Scholarship**

An endowed award established in 1988 by Robert M. Berchem '62, to honor the memory of his mother. This scholarship has a preference for a student from a single-parent family, is the first generation of his/her family to attend college, and comes from Milford, Conn.

#### **Joe and Eileen Berner Scholarship**

Established anonymously in 2010 to honor John '88 and Eileen '88 Berner. This scholarship provides financial aid to undergraduate students.

#### **David and Eunice Bigelow Scholarship**

To be used toward financial aid for undergraduate students who have demonstrated financial need. Preference is that it is granted to a student

who is matriculated in the School of Business, is community-minded, and possesses an entrepreneurial spirit.

#### **James W. and Jean L. Birkenstock Scholarship**

This scholarship has been made possible through the estate of James W. Birkenstock, former University trustee. Preference will be given to students who demonstrate financial need.

#### **John and Jane Bohnsack Scholarship**

A scholarship fund established in 1985, to be awarded on the basis of financial need and divided equally between a nursing student and a business student.

#### **Salvatore F. Bongiorno Scholarship**

Established in 1993 in memory of a long time University faculty member and former chair of the Biology Department, this scholarship assists minority biology majors in their junior or senior years who plan further studies and careers in the life sciences.

#### **Mr. and Mrs. Charles A. Bott Scholarship**

Established by Mrs. Charles A. Bott and the late Mr. Bott of Huntingdon Valley, Pa., the fund provides assistance to students with financial need.

#### **Bouchard Family Scholarship**

Awarded to students with financial need with a preference for students majoring in communication or any major within the Dolan School of Business.

#### **John V. Brennan Scholarships**

A gift from John V. Brennan, former president of U.S. Underwriters, Inc., and parent of Paul F. Brennan '89, provides scholarships to assist minority students with financial need.

#### **The Richard J. Brennen, III, Endowed Scholarship**

Established by Mr. and Mrs. Richard J. Brennen, Jr. P'06 in honor of their son. The scholarship supports students with demonstrated financial need.

#### **Brewer Family Scholarship**

Established by Richard Brewer '69 in 2011 to provide financial aid to undergraduate students with demonstrated financial need.

#### **Marina Holder Brewster Memorial Scholarship Fund**

Established by Dr. and Mrs. John P. Sachs to provide financial assistance with a preference for nursing students.

#### **Ned John Briggs '69 Memorial Scholarship**

Established in 1989 by the estate of his mother, Kathryn V. Briggs, this endowed scholarship perpetuates the memory of Ned John Briggs, who attended Fairfield in 1965 and 1966. It is awarded on the basis of academic potential and financial need.

#### **Gladys Brooks Foundation Asian Studies Endowed Scholarship**

The Gladys Brooks Foundation Scholarship in Asian Studies, a one-year award, recognizes a student who has excelled academically in this program.

### **Gladys Brooks Foundation Scholarship**

Created in 1986 to enhance Fairfield's ability to attract students of the highest quality. Recipients will be asked to assume a "moral obligation" to support the University after graduation by voluntary service and/or contributions. Criteria for scholarship recipients include secondary school class rank, scholastic aptitude test scores, extracurricular activities, and leadership potential.

### **Professor Frank F. Bukvic Scholarship**

Established in 1997, the scholarship honors the memory of Dr. Bukvic, who taught German and German literature in the University's Modern Languages Department for 35 years. Preference is given to a student with a major or minor in modern languages.

### **Sophie Burger and Pauline Hagen Scholarship**

An endowed scholarship made possible by the generosity of Carl E. Hagen '65 through the Chipman Union Foundation to provide financial aid assistance with a preference for students in the Charles F. Dolan School of Business.

### **The Burger King Scholarship**

An endowed scholarship established by The Burger King Corp. to provide financial assistance with a preference for minority students.

### **Rev. Vincent Burns, S.J., Scholarship**

A scholarship established by the Kara Foundation in honor of Fr. Burns. Preference is given to students with a minor in religious studies or ethics.

### **Guido Britt Scholarship**

This scholarship was established anonymously in 2010 to provide financial aid to an undergraduate student who may, unless helped financially, need to drop out due to financial hardship as a result of factors such as job loss for their parent(s), death of a parent(s), etc.

### **Anna Cain Scholarship**

A fund to support students who demonstrate financial need and strong academic qualifications. Established in 1978, the scholarship is a bequest of the late Anna Cain, an area educator who took many advanced courses at Fairfield.

### **Louis Calder Foundation Scholarship**

The Louis Calder Foundation Scholarship was established in 1988. The Foundation's initial award was designed as a challenge grant that ultimately encourage various other donors to create scholarships in support of students with residency in one of New York's five boroughs. Additionally, these young people must demonstrate academic promise and have significant financial need.

### **Margaret and Marjorie Campbell Scholarship**

A scholarship established to provide financial assistance with a preference for a student whose life has been affected by alcohol or drugs.

### **Jonathan Neff Cappello '00 Scholarship**

This scholarship, in memory of Jonathan Cappello who died in the World Trade Center tragedy on Sept. 11, 2001, was established by his family and

friends. Preference is given to graduates of Garden City High School in New York who have demonstrated need.

### **The Carlos M. Cardoso '81 Scholarship**

An athletic scholarship established by Carlos Cardoso '81 for a men's soccer student with a preference for an individual who is a minority or is from another under-represented population.

### **Carlucci Family Scholarship**

A scholarship established by Joseph and Mary Carlucci P'10'09 to provide financial assistance to an undergraduate student with financial need.

### **Donna Rosanne Carpenter-Sederquest Memorial Scholarship**

A need-based scholarship established by family members and friends in memory of Donna Carpenter-Sederquest, who attended Fairfield University. Preference is given to communication and English majors in the top 10 percent of their high school classes and who are graduates of Fairfield Warde High School, Fairfield Ludlowe High School, or reside in Fairfield County. The scholarship is dedicated to the perpetuation of the academic, professional, and personal excellence Donna so well embodied.

### **Alex Rafael Carrion Banco Popular Scholarship**

Renamed in 2006 in memory of Fairfield student Alex Rafael Carrion, this scholarship was established in 2004 by Banco Popular to provide financial assistance with a preference for students from Puerto Rico.

### **The Susan and Frank Carroll Family Scholarship**

Established by Frank '89 and Susan Carroll in 2013 to provide financial aid to students with demonstrated financial need. Preference for a student who is not a resident of CT, NY, NJ, or MA.

### **Carl and Margaret Cascella Scholarship**

Established by Roberto Cascella '80, this fund is to be awarded with a preference for undergraduate or graduate engineering students.

### **Celanese Corporation Minority Scholarship**

A fund created by Hoechst Celanese Corp. to provide financial assistance with a preference for minority students from New Jersey who are in the Charles F. Dolan School of Business.

### **JP Morgan Chase Scholarship**

An endowed scholarship fund that assists students on the basis of need and academic promise. Current restrictions limit this award, which was established in response to a challenge grant from the Louis P. Calder Foundation, to New York City residents.

### **The Chiluisa Family Scholarship**

This scholarship was established in 2013 by Jorge '89, MBA'06, P'21, and Tori Chiluisa, P'21, to provide financial aid for deserving students of Hispanic ancestry with a preference for those majoring in math, the sciences, or in business.

### **Ciacchi-Pascale '65 Scholarship**

A fund established in 1985 in memory of Douglas Ciacchi and Joseph Pascale, outstanding members of the Class of 1965. The scholarship



provides funding to support recruiting and financial aid to rugby student-athletes. The fund was initially established by principal benefactors J. Jeffrey Campbell '65 and the Pillsbury Co., in addition to members of the Class of 1965, and continues to be supported by the Friends of Fairfield Rugby and other alumni, parents and friends committed to supporting Fairfield's Rugby program.

#### **Ciola Family Scholarship**

A need-based scholarship which provides financial aid with a preference for Catholic students with academic promise.

#### **Citytrust Scholarship**

An endowed scholarship established in 1985, by Citytrust Bank, to provide financial aid assistance to Fairfield University minority students.

#### **John A. and Edna Connaughton Scholarship**

An endowed scholarship established in 1986 in memory of Mr. and Mrs. Connaughton by Mrs. Connaughton's daughter, Mrs. Charles A. Bott of Huntingdon Valley, Pa. Preference will be given to students with financial need.

#### **Connecticut Post Scholarship**

Established by the Post Publishing Co. of Bridgeport, Conn., to provide financial aid assistance with a preference for minority students.

#### **Isabelle Johnson Conine and Margaret Morris Lee Memorial Dolan School of Business Scholarship**

Established by Dr. and Mrs. Thomas Conine in honor of their mothers, this scholarship provides financial assistance to students from the Charles F. Dolan School of Business.

#### **Dr. Robert F. Conti '51 Scholarship**

An endowed scholarship established in 1994 to provide financial assistance with a preference for students in the pre-medical program.

#### **E. Gerald Corrigan Endowed Scholarship**

This fund, established by E. Gerald Corrigan '63, a former member of the Fairfield University Board of Trustees, provides assistance with a preference for first generation, minority, or foreign students in good academic standing.

#### **James M. Cotter Scholarship for Varsity Soccer**

Established by James Cotter '64 in 2016 to a male or female member of the Varsity Golf team based on athletic ability.

#### **David and Lori Cowen Scholarship**

An endowed fund established by Mr. and Mrs. David Cowen to provide annual scholarships for Fairfield University students on the basis of financial need.

#### **Anne K. and Hugh F. Coyle Scholarship**

Established in 2013 by Hugh F. Coyle III '88, Jane Coyle Ballentine '86, Jennifer A. Coyle, and Maryanne Coyle Andrews '93 in honor of their parents' commitment to education. The scholarship provides financial aid for students with demonstrated financial need. The recipient must also display high academic achievement, good character and diverse interests. Initial preference is for students from the greater Baltimore,

MD or Washington, DC geographic regions. Special consideration is to be given to students who participate in Women's or Men's Lacrosse Club programs and meet all other criteria.

#### **Arsene Croteau Family Scholarship**

Provides financial assistance with a preference for a student majoring in French. The late Professor Croteau was a long-time member of the Department of Modern Languages and Literatures.

#### **William Cummings and Brothers Scholarship**

A scholarship fund established by Mary C. Cummings in January 1968. Preference is given to entering first year students from the Town of Fairfield.

#### **Frank N. D'Orazio '90 Scholarship**

Established in 2018 through the generosity of Frank D'Orazio '90 to provide financial aid to deserving undergraduate students.

#### **Ryan T. Dail '16 Memorial Scholarship**

This scholarship was established in 2019 by the Dail family to memorialize their son, Ryan. It provides financial aid to students with a preference for students from Massachusetts.

#### **James and Denise Daly Nursing Scholarship**

An endowed fund, created in 1991 by Mr. and Mrs. James J. Daly, to provide financial aid with a preference for nursing students.

#### **Douglass and Patricia DeFauw Scholarship**

Established in 2017 by friends of Fairfield University Douglass and Patricia DeFauw to provide financial aid for a student. Preference is for a student in the School of Nursing who maintains a 3.0 GPA.

#### **The Desmarais Family Scholarship**

Established by Christopher '93 and Catherine '93 Desmarais in 2013 to provide financial aid to undergraduate students with demonstrated financial need.

#### **Dennis and Marsha Dammerman Scholarship**

An endowed fund created by Dennis and Marsha Dammerman to provide multicultural scholarships.

#### **George E. Diffley Scholarship**

Established in 2006 by Fairfield University, this need-based endowment honors the former vice president for advancement, who retired in 2006 after 31 years of service to the University.

#### **Diversity Scholarship**

Established in 2012 by an anonymous donor to provide financial aid to undergraduate students. Preference is given to multi-cultural students with socio-economic, religious, or sexual diversity.

#### **David J. Dolan Memorial Scholarship**

An endowed scholarship established by Mr. and Mrs. Charles F. Dolan, honoring the memories of Mr. Dolan's father and brother. Income will provide financial aid assistance to Fairfield University students.

**Kim and Tim Donnelly Music Scholarship**

This scholarship was established in memory of Kim and Tim Donnelly who were tragically killed in 2005. They were the parents of two Fairfield alumni, Eric '01 and Tara '03. The scholarship provides aid with a preference for a sophomore or junior who is a music major, music minor, or is actively involved in the music program at Fairfield University.

**Rao Dukkupati Scholarship**

An endowed scholarship established in the memory of Dr. Rao V. Dukkupati, a long-time faculty member in the School of Engineering. Provides financial aid to engineering students with demonstrated need.

**E&F Construction Company Scholarship**

A scholarship funded by the E&F Construction Company to assist students attending Fairfield University.

**Rev. Anthony J. Eiardi, S.J., Scholarship**

A fund created in 1986 by the estate of Dominic R. Eiardi, who left the bequest in honor of his brother, Fr. Eiardi, a retired member of the Fairfield University mathematics department faculty. The fund will provide scholarship opportunities for deserving undergraduate students.

**Fairfield County ISA Endowed Scholarship**

Established by the Fairfield County Instrument Society of America, this scholarship gives preference to engineering students from Fairfield County who have a GPA of 3.00 or greater.

**Fairfield Jesuit Community Scholarship**

An endowed fund established in 1983 by the Fairfield Jesuit Community to provide annual scholarships to Fairfield students on the basis of financial need.

**Fairfield University Legacy Scholarship**

A scholarship established by the Fairfield University Alumni Association to provide financial aid to an undergraduate student who is also the son, daughter, and/or grandchild of an alumnus/alumna of Fairfield University.

**Fallon Family Scholarship**

This scholarship was established by John '90 and Jennifer Fallon in 2014 to provide financial aid for deserving students.

**Helen T. Farrell Scholarship**

A fund created in 1983 from the estate of Helen T. Farrell, who was a Westport, Conn., resident, to provide financial aid to undergraduate students.

**Christiane Felsmann Memorial Scholarship**

An endowed scholarship, established by Maja Dubois, to provide an annual scholarship for a student with demonstrated financial need.

**Mae B. Feracane Scholarship**

Established through a bequest from Mae Feracane, who was a secretary in the Psychology Department, to help needy and deserving students.

**Michael and Claudine Gibbons Ferrante Scholarship:**

An endowed scholarship established by these two alumni from the class of 1990 to assist students with demonstrated financial need.

**Ferretti Family Scholarship**

Established in 2009 by William '68 and Sharon Ferretti to provide assistance to students with demonstrated financial need.

**Daniel R. Finn, Jr. '66 Scholarship**

Established in 1988 by Daniel R. Finn, Jr., member of the Class of 1966 and former University trustee, this need-based scholarship provides financial assistance with a preference for AHANA students.

**Professor Thomas J. Fitzpatrick, Sr., Minority Accounting Scholarship**

A fund established by former professor of accounting Thomas J. Fitzpatrick, Sr., to provide financial assistance with a preference for a minority student majoring in accounting in the Charles F. Dolan School of Business.

**Fiume Accounting Scholarship**

Established by Orest Fiume '64, this endowed scholarship gives preference to accounting students who have a GPA of 3.00 or greater.

**Friends of Fairfield Rugby Scholarship**

Established in 2019 by Friends of Fairfield Rugby to support scholarships for members of the Men's and Women's Rugby Team.

**Helene Fuld Health Trust Scholarship for Baccalaureate Nursing**

An endowed scholarship that gives preference to baccalaureate students in Fairfield's nursing program who have a GPA. of 3.00 or greater.

**Helene Fuld Scholarship for Accelerated 2nd Degree Baccalaureate Program**

Established by the Helene Fuld Trust in 2019 to provide assistance to students enrolled in the Accelerated 2<sup>nd</sup> Degree Baccalaureate Program

**F.U.S.A. Scholarship**

An endowed scholarship established by the Fairfield University Student Association in 1985. Income will provide financial aid assistance to Fairfield University students.

**Nelson Fusari Memorial Scholarship**

Established by Mr. and Mrs. Albert Fusari in 1981 in memory of their son Nelson, a member of the Class of '83, for the benefit of handicapped students.

**John P. Gahan, Jr. Memorial Scholarship**

A fund donated by friends of the father of John P. Gahan, Jr. (Class of 1961). John was killed after completing one year of school. Preference is given to graduates of St. Mary's High School in Manhasset, N.Y.

**Dr. Edward E. Garcia '57 Scholarship**

Established by Mr. Ronald F. Borelli '62, this need-based scholarship honors the memory of Mr. Borelli's late brother-in-law. Preference is given to students studying in the natural sciences.

**Madelyn Solo Ghilardi M'67 Endowed Scholarship**

This scholarship was established by the estate of Madelyn Solo Ghilardi M'67 to provide financial aid to students enrolled in a graduate program. Mrs. Ghilardi established this scholarship in appreciation for her personal experience at Fairfield University.

#### **Bernard A. Gilhuly Jr. '52 Scholarship**

An endowed scholarship established by this alumnus and former trustee, to be awarded to students with demonstrated need.

#### **Gill Family Scholarship**

A scholarship to be awarded to any undergraduate student with demonstrated need.

#### **Gladys Brooks Foundation Community Partnership Scholarship**

Students are selected for this four-year scholarship by the Offices of Admission and Financial Aid based on the criteria established by the Community Partnership Scholarship Program. Students are selected from a group of ten high schools in New York City and Connecticut.

#### **John T. Gorman, Jr. '54 Scholarship**

Established by John T. Gorman, Jr., in 1984 to provide undergraduate students with financial aid.

#### **Graduate Accounting Scholarship**

A scholarship established in 2008 by multiple donors under the guidance of two faculty members to provide financial aid to students entering a graduate accounting program at Fairfield University. Priority is given to Fairfield University undergraduate degree holders accepted to a full-time graduate accounting or taxation program at Fairfield University.

#### **Peggy and Neal Griffin Scholarship**

Established in 2009 by Neal '91 and Peggy '92 Griffin to provide financial aid to undergraduate students with demonstrated financial need.

#### **Professor Sheila Grossman, School of Nursing Scholarship**

A scholarship for nursing students established in 2014 by Olivia Weeks '05, M'14 in honor of Professor Sheila Grossman C'99, P'07. It provides annual scholarship support with first preference for graduate nursing students followed by undergraduate nursing students.

#### **Simon Harak and Fr. John P. Murray, S.J., Glee Club Scholarship**

Created in 1976, this endowed scholarship provides annual financial aid assistance to members of the University Glee Club. Preference is given to students who are sons or daughters of Glee Club alumni.

#### **Hammond Family Scholarship**

This scholarship was established in 2017 by Doug '86 and Patricia Hammond. It provides an academic scholarship to a refugee or child of a refugee with a focus on those who have been displaced due to political instability, war, and/or environmental disaster.

#### **Sally Slocum Hartnett Memorial School of Nursing Scholarship**

Established in 2009 by Michael and Veronica Hartnett P'10 in memory of Michael's mother, who was a nurse. The scholarship provides financial aid to an undergraduate student with financial need who is a nursing major.

#### **Haviland Family Scholarship**

A scholarship established by Michael '82 and Susan Haviland in 2015 to provide financial aid for students. Preference is for students from Bergen Catholic and Holy Angels High School in Bergen County, NJ who demonstrate a combination of academic excellence, community service, and financial need.

#### **William Randolph Hearst Foundation Scholarship**

An endowed scholarship fund established in 1986 by the William Randolph Hearst Foundation to assist Charles F. Dolan School of Business students with financial need.

#### **William Randolph Hearst Foundation Community Partnership Scholarship**

Students are selected for this four-year scholarship by the Offices of Admission and Financial Aid based on the criteria established by the Community Partnership Scholarship Program. Students are chosen from a grouping of ten high schools in New York City and Connecticut.

#### **Heartfelt Wings Foundation Scholarship**

Established in 2017 by Heartfelt Wings Foundation to provide full tuition for a student through his/her four years at Fairfield University. The student must have demonstrated academic promise, leadership/service to the community and financial need.

#### **Cornelius A. Heeney Scholarship**

Created by the Brooklyn Benevolent Society, this scholarship assists students who demonstrate financial need, with a preference for residents of Brooklyn.

#### **H. Joseph Heller and Michael P. Lunden Memorial Scholarship**

Established by members of the Class of 1986 to memorialize two classmates, H. Joseph Heller and Michael P. Lunden, who were killed in the terrorist attacks on September 11, 2001. The scholarship provides financial aid to an undergraduate student with financial need. Preference for a student with an interest in finance, but is not limited to any specific major.

#### **Father John J. Higgins Memorial Scholarship**

This scholarship was established by William '75 and Mary Kuhn in memory Fr. John J. 'Beez' Higgins, S.J., who served for many years in many capacities at Fairfield University. The scholarship provides financial aid to undergraduate students.

#### **Jeanne Murphy Hoffman Scholarship**

This scholarship was established in 2002 by Paul J. Hoffman '72 in honor of his mother. Preference is given to high-achieving students with demonstrated need.

#### **Rev. William H. Hohmann, S.J., Memorial Scholarship**

A scholarship established by alumni and friends in memory of Fr. Hohmann, who was chairman of the University's economics department until his retirement. This need-based scholarship will be awarded with preference given to an economics major.

#### **Kristine and Peter Holland Scholarship**

Established by Kristine '88 and Peter '88 Holland Scholarship in 2013 to provide financial aid to undergraduate students with demonstrated financial need.

**Houlihan/McEvoy Family Scholarship**

This scholarship was established by Jim and Pat Houlihan P'07/'10/'11 to support a student who maintains a GPA of 2.50 or greater and is engaged in community service.

**Howard Education Scholarship**

Established by Bruce '73, MA'79 and Sheila MA'77 Howard to provide financial aid to an undergraduate student working toward teacher certification.

**Lorraine Hoxley M'66 Scholarship**

Established in memory of Lorraine Hoxley, MA'66, by her husband, Paul Hoxley of Sun City, Ariz. The fund is used to assist needy students.

**Rev. Gerald F. Hutchinson, S.J., Scholarship**

Inaugurated by an anonymous donor to honor the memory of Fr. Hutchinson, this need-based scholarship provides financial assistance with preference given to a student or students majoring in chemistry.

**Frank H. James Memorial Scholarship**

A bequest from the estate of Frank H. James, late president of the Hat Corporation of America, established this need-based scholarship to provide financial assistance with a preference for students who are residents of Fairfield County.

**Keating Family Scholarship**

A need-based, renewable scholarship for undergraduate students, established in 1991 by a bequest from the late Loretta M. Keating.

**Aloysius and Teresa Kelley Scholarship**

Established by a gift from Carmen A. Tortora on the occasion of the 25th anniversary of the ordination of the Rev. Aloysius P. Kelley, S.J., the proceeds from this fund will be available each year to assist an academically qualified and financially needy student at Fairfield University.

**Abbas Khadjavi Memorial Scholarship**

A scholarship in honor of Dr. Khadjavi, a member of the Fairfield University faculty who died in 1983. Funded by family and friends, the scholarship provides financial assistance to Fairfield students.

**Jeffrey P. Killian Memorial Scholarship**

An endowed scholarship established in 2001 by friends and family of Paul and Linda Killian in loving memory of their son, Jeff, from the Class of 1997. Preference is given to a junior in good academic standing who demonstrates financial need and participates in University activities.

**Siobhan Leigh Kinlin Scholarship**

Established by Mr. and Mrs. Charles Crowley P'11, this scholarship is to be awarded to a student with demonstrated need.

**Edward F. Kirik and Family Scholarship**

Provides financial aid with a preference for students of Polish or Eastern European ancestry. If a student fitting these criteria cannot be identified, preference will be given to a junior or senior in the Charles F. Dolan School of Business with demonstrated financial need.

**Lt. William Koscher '67 Memorial Scholarship**

Awarded each year to a graduating senior, this scholarship was established by the parents of alumnus William Koscher, who died in a military training accident soon after his graduation.

**The Kuryla Family Scholarship**

Established in 2013 by Kevin '88 and Jennifer Kuryla to provide financial aid to students with demonstrated financial need. Preference for students are the first generation of their family to attend college from Bridgeport, New Haven, Norwalk or Stamford.

**Vincent A. LaBella '61 Scholarship**

A permanent fund for the benefit of minority students. Established in 1996, the scholarship is a bequest from the late Vincent A. LaBella, a member of the Class of 1961. Mr. LaBella, an attorney and judge, resided in Washington, DC.

**Miguel A. Laffitte, Jr. Scholarship**

Established in 2010 by Rafael R. Laffitte P'10 in honor of his father. The scholarship provides financial aid to students with demonstrated need. Preference for students enrolled in the Dolan School of Business.

**Charles and Natalie Lapp Scholarship**

A scholarship established in 2012 through the generosity of Katherine Lapp '78 to memorialize her parents. This fund provides financial aid to undergraduate students.

**Lautenbach-Kelley Scholarship**

Established in 2000 by former trustee Ned Lautenbach and his wife, Cindy, in recognition of their friend, former University President Aloysius P. Kelley, S.J.

**Lavelle-Brother Kearney Scholarship**

This scholarship was established by the Lavelle Fund for the Blind, Inc. in 2016 to provide last-dollar-of-need scholarship support for legally blind or severely visually impaired students. The Lavelle Scholarship benefits full-time undergraduate and graduate students in good standing with the University.

**Rev. Victor F. Leeber, S.J. Scholarship**

Established in 1992 by friends and family of Fr. Leeber on the occasion of his retirement from the University's faculty. Preference is given to a student who has a major or minor in Spanish.

**Rev. Victor F. Leeber, S.J. Scholarship**

A second scholarship honoring Fr. Leeber was established in 2000 by William '67 and Jacqueline Egan. Preference is given to students with demonstrated need who are majoring in a modern language.

**Thomas P. Legen '78 Memorial Scholarship**

Created in 1994 to provide need-based financial assistance with a preference for a student from Bridgeport, Conn., or the surrounding area. Underwritten by contributions from People's Bank and Mr. Legen's friends and associates.

**Lawrence A. Lessing Scholarship**



This scholarship was established in 1990 by Stephen Lessing '76 and other family members to honor his father. It provides financial aid to a student from Long Island who exhibits potential for athletic excellence, leadership and possesses high moral and ethic standards.

#### **Mark Anthony Lolatte '53 and Family Scholarship**

Established in 2013 by the estate of Mark Anthony Lolatte '53 to provide financial aid for undergraduate students enrolled in the College of Arts and Sciences.

#### **George A. and Grace L. Long Foundation Scholarship**

A scholarship fund given by the George A. and Grace L. Long Foundation for support of nursing students.

#### **Loyola Chapel Community Scholarship**

Established to provide financial aid assistance with a preference for a member of the junior or senior class at Fairfield University who is active in Campus Ministry.

#### **Thomas Luglio '86 Scholarship**

This scholarship was established by Thomas Luglio '86 in 2014 to provide financial aid to undergraduate students.

#### **Michael Lunden '86 Scholarship**

This scholarship in memory of Michael Lunden, who died in the World Trade Center tragedy on Sept. 11, 2001, was established in 2014 by his family to provide financial aid to undergraduate students.

#### **Donald S. Lupo Memorial Scholarship**

An endowed scholarship in honor of Donald S. Lupo, a member of the Class of 1962. The fund, established by friends and associates at Merrill Lynch, provides financial aid to students in need.

#### **Rev. Donald M. Lynch, S.J. Scholarship**

This need-based award was established in 2000 by William '67 and Jacqueline Egan. Preference is given to students who are majoring in English.

#### **Roger M. Lynch '63 Scholarship**

An endowed scholarship, established by Mr. Lynch, to be awarded to a full-time student in the Charles F. Dolan School of Business who has demonstrated financial need, academic initiative, and the capacity to derive the most from his or her talents.

#### **Michele Macauda and Vanessa DeMatteo Scholarship**

Established by former Trustee Michele Macauda '78, this scholarship is to benefit students with financial need. Preference is given to students majoring in the sciences, math, or engineering.

#### **Richard Magro, Jr. '81 Scholarship**

Established by Ronald F. '81 and Newell Carapezzi in memory of their classmate and friend.

#### **Leo D. Mahoney Memorial Scholarship**

Established by Shelagh Mahoney '87, this scholarship provides aid to students with demonstrated financial need.

#### **Vincent J. Maiocco Scholarship In Memory of William J. Lucas '69**

Established in memory of William J. Lucas, former Vice President for Finance at Fairfield, this scholarship is to benefit students from Connecticut who have demonstrated financial need.

#### **Joan Bender Makara Scholarship**

Established by Joan Makara '74 in 2011 to provide financial assistance to undergraduate business students.

#### **Malloy Family Scholarship**

Established by alumnus William A. Malloy '80 in honor of William's parents, Mr. and Mrs. Donald Malloy, to assist academically qualified students with demonstrated financial need.

#### **Richard A. Marfurt '68 Memorial Scholarship**

This endowed scholarship was established in 2003 to honor the memory of Dick Marfurt, Class of 1968, whose friendship, energy and influence was an inspiration to so many. It is awarded on the basis of demonstrated financial need.

#### **Josephine Maria Marino Scholarship**

Established by a bequest, this fund provides financial aid with a preference for business students from the greater Bridgeport area.

#### **Marketing Corporation of America Business School Scholarship**

An endowment fund created by Marketing Corporation of America, providing scholarship aid to worthy students in the Fairfield University Charles F. Dolan School of Business.

#### **Robert J. Markovic Endowed Scholarship**

Established in 2011 by the estate of Robert J. Markovic, Class of 1954, for students with financial need.

#### **The McGarvey Family Women's Rugby Scholarship**

A scholarship established in 2019 by Kathryn (Rafferty) '02 and Brian '02 McGarvey to provide financial aid to members of the Women's Rugby Team.

#### **Rev. Thomas A. McGrath, S.J., Scholarship**

Established in 1986 by John Leverty of Fairfield, Conn., and other friends. Fr. McGrath, who died in 1992, was a longtime professor of psychology, a greatly admired teacher, counselor, and priest. The scholarship is awarded on the basis of need with preference given to a student majoring in psychology.

#### **Joseph J. and Hope M. McAleer Scholarship**

An endowed scholarship established by Joseph J. McAleer during his tenure as a University Trustee from 1983 to 1988. The scholarship is awarded on the basis of financial need.

#### **James and Donna McAuliffe Family Scholarship**

Established in 2015 by James '88 and Donna McAuliffe to provide financial aid to deserving students.

#### **Robert J. McCarthy Scholarship**

This scholarship was established in 2010 by the estate of the late Helen McCarthy in honor of her son, Dr. Robert J. McCarthy '59. The scholarship provides financial aid to undergraduate students.

#### **Elizabeth DeCamp McNerny Scholarship Fund**

A permanent scholarship established by The Ira W. DeCamp Foundation created under the will of Elizabeth DeCamp McNerny. The fund provides financial assistance with a preference for students engaged in undergraduate study relating to the health sciences.

#### **Edward F. McPadden Memorial Scholarship**

A scholarship fund created by Anabel McPadden Davey in honor of her brother.

#### **James and Margaret McQuaid Scholarship**

This scholarship was established in 2000 by Joseph DiMenna '80, a member of Fairfield University's Board of Trustees. The need-based scholarship underwrites one full tuition with preference given to a student studying in the liberal arts or fine arts.

#### **John C. Meditz '70 Scholarship**

This endowed scholarship was created by alumnus John C. Meditz and his mother, the late Clara Meditz. Established in response to a challenge grant from the Louis P. Calder Foundation, the scholarship requires residency in one of New York's five boroughs.

#### **Merrill Lynch & Co. Foundation Inc. Scholarship**

An endowed scholarship established by Merrill Lynch & Co. Foundation Inc. to provide financial support with a preference for minority students.

#### **Merritt 7 Corporate Park Scholarship**

An endowed scholarship funded by the First Merritt Seven Corp. to provide financial assistance to Fairfield students.

#### **Charles J. Merritt Jr. and Virginia B. Merritt Scholarship**

Established from the estate of Virginia B. Merritt in 1998, this scholarship fund provides financial assistance with a preference for students who exhibit high academic performance or promise. Mrs. Merritt served as personal secretary to three Fairfield University presidents.

#### **Stephen J. Meszkat, Jr. Memorial Scholarship**

Established in 2013 by the Meszkat Family to honor the memory of their son, Stephen '08. The scholarship provides financial aid for students with demonstrated financial need with preference for students who are economics majors.

#### **Marguerite M. Minck Memorial Scholarship**

Established by the bequest of Marguerite M. Minck, this scholarship is to be awarded to one or more admitted applicants from Northern Fairfield County who have demonstrated financial need.

#### **Mulvey and Lane Family Scholarship**

Established by Timothy '85 and Rosaleen (Mulvey) '85 Lane in 2009 to provide financial aid to undergraduate students with demonstrated financial need.

#### **John G. Munro Scholarship**

Established by John G. Munro '55 to provide financial assistance to students majoring in the sciences.

#### **Elizabeth K. Murphy Scholarship**

This scholarship was established by Robert J. Murphy Jr. '71 in memory of his mother. The Office of Financial Aid and Student Affairs Division jointly select a recipient who has distinguished himself or herself in the service of fellow students.

#### **Jamie and Laura O'Brien Scholarship**

A scholarship fund established in 1986 by William O'Brien of Enfield, Conn., James O'Brien of Fairfield, Conn., Richard O'Brien of Ashland, N.H., and other family members and friends, to honor two young members of the O'Brien family who were born with intellectual development disorders. Preference is given to students who have financial need and who have an immediate family member with disabilities or who have a disability themselves.

#### **Robert F. and Maureen T. O'Keefe Scholarship**

An endowed scholarship established in 2009 by Robert F. and Maureen T. O'Keefe for students majoring in engineering who have demonstrated need for financial aid.

#### **Teisha Capozzi O'Leary '87 Scholarship**

Established in 1991 by her husband and family to honor the memory of this 1987 alumna. Preference is given to a computer science major, preferably a woman and a graduate of Notre Dame High School in Fairfield, who best exemplifies Teisha's "funny, loving, and irresistible personality."

#### **John Roe O'Mealia '80 Scholarship**

This endowed fund, established in memory of John R. O'Mealia '80 by his family and friends, provides financial assistance with a preference for a student who is a current or prospective hockey player with demonstrated need and a strong sense of character.

#### **O'Meara/Foster Scholarship**

Established in 1996 by B. Maxwell O'Meara '52 in memory of his mother, Marguerite F. O'Meara, and aunt, Grace M. Foster, to benefit a student with demonstrated need and strong academic standing, with a preference for a student matriculating in the College of Arts and Sciences.

#### **Rev. W. Laurence O'Neil, S.J. Scholarship**

Established by TransAmerican Natural Gas Corp. in honor of the longtime counselor and dean of students, these awards are made to students who demonstrate financial need. Seventy-five percent of the awards go to Hispanic students with a preference given to Mexican-Americans.

#### **Gia Orlando Memorial Scholarship**

A fund established in 1985 by Carl Orlando '64 in memory of his daughter. Preference is given to a senior or seniors who perform to the best of their abilities academically and who demonstrate a spirit of generosity and unselfish caring reminiscent of Gia Orlando.

#### **Lawrence F. O'Shea '56 Scholarship**

An endowed scholarship, established in 1988 by Mr. O'Shea, to assist students with demonstrated financial need.

**Owens Family Scholarship**

Through the generosity of Christopher '77 and Carol Owens, the Owens Family Scholarship has been endowed to assist students demonstrating financial need who are enrolled in the Dolan School of Business. Per the Owens' request, this scholarship will first give priority to those students who are graduates from the following high schools: Jesuit High School (Sacramento, CA), Trumbull High School (Trumbull, CT), Scecina Memorial High School (Indianapolis, IN), Warren Harding High School (Bridgeport, CT), and Paul Schriber High School (Port Washington, NY).

**Howard T. Owens Sr. Scholarship**

A need-based scholarship fund created in 1986 by family members and friends of Mr. Owens, who received an honorary doctor of laws degree in 1967 from Fairfield University.

**Robert M. Owens Memorial Scholarship**

Established in 1998 by the family and friends of the late Mr. Owens. As the University's attorney for more than 25 years, Mr. Owens was integrally involved in University affairs, and his wisdom and devotion contributed mightily to Fairfield's evolution. The fund provides scholarship support to a student with demonstrated need.

**Pace-Barone Scholarship**

This award is a full-tuition scholarship with a preference for a minority student who has graduated from either Bassick or Harding high school in Bridgeport, Conn. It was established in 1987 by Rose Marie Pace Barone, who taught business in Bridgeport high schools for 25 years.

**People's Bank Minority Scholarship**

Awarded to minority students from the greater Bridgeport area, this scholarship was established by the bank in 1987.

**Peterson Family Scholarship**

Established by Elaine '82 and Timothy Peterson in 2012 to provide financial aid to undergraduate students with demonstrated financial need.

**John G. Petti III '83 Scholarship**

Established by John G. Petti III '83 in 1997 to underwrite full tuition for a commuter student in the Charles F. Dolan School of Business with financial need.

**Elizabeth M. Pfriem Scholarship**

A scholarship created in 1989 by Mrs. Pfriem, former president of the Bridgeport Post Publishing Co., to provide financial assistance with a preference for Fairfield University minority students.

**J. Gerald Phelan Scholarship**

This scholarship was established in 2000 by Fletcher-Thompson Inc., in recognition of John G. Phelan, P.E. It provides financial aid to an undergraduate student for a student in the School of Engineering with a preference for a student who is also a resident of Bridgeport.

**Phi Kappa Theta Memorial Fund**

A scholarship established in 1980 with funds generously provided by alumni members of Phi Kappa Theta Fraternity in memory of Fraternity

member David Caisse '71. Preference for this annual scholarship is given to a physically disabled student.

**Sharon Ann Pollice '85 Memorial Scholarship**

This scholarship was established in 2001 by the friends and family of the late Sharon Ann Pollice '85. Preference is given to a student in the School of Nursing with demonstrated need and established academic achievement. An application is required and the fund will be awarded during the recipient's junior and senior years.

**Joseph A. Pollicino/CIT Group Scholarship**

Restricted to students in the Charles F. Dolan School of Business, this scholarship was established by the CIT Foundation in 1987 to honor Mr. Pollicino, who is vice chairman of CIT Group Holdings. The fund has since been supplemented by gifts from Mr. Pollicino. He is the father of John Pollicino '82 and Kerry Pollicino '88.

**Pope Foundation Scholarship**

An endowed scholarship to assist students with demonstrated financial need.

**Pope Foundation/New York Scholarship Fund**

An endowed scholarship to assist students with demonstrated financial need.

**Bernadette and John Porter Fund**

This scholarship was established in 2003 by the estate of the late Professor John Porter, a member of the faculty at the University's School of Engineering. Preference is given to part-time students within the School of Engineering who are studying software engineering or computer-related courses with demonstrated need.

**Mildred Prial Scholarship**

Named in memory of the grandmother of Susan Robinson King, a University Trustee, this scholarship gives preference to a young woman with financial need pursuing her studies in journalism and/or communication.

**Thomas Puglise Honorary Scholarship**

A need-based scholarship established in 1993 to honor Mr. Puglise's many years of teaching at Stratford High School. Preference is given to students entering Fairfield University from Stratford High School.

**Jack A. Quell P'09, '05 Scholarship**

Established by Theresa Quell '79 and her family to honor the memory of her late husband, Jack Quell P'09, '05. The scholarship provides financial aid to an incoming freshman from one of the public Norwalk, CT, high schools who was also involved in their music and arts programs.

**Christopher C. Quick '79 Scholarship**

An endowed scholarship established by Christopher C. Quick '79 to provide financial assistance to students with economic need due to unusual family hardship or circumstances.

**Mary B. Radwick Scholarship**

A fund created from the estate of Mary B. Radwick to provide financial assistance to students.

#### **Rev. Albert Reddy, S.J., Scholarship**

This fund was established in 2000, by William '67 and Jacqueline Egan, in honor of retired faculty member, Fr. Reddy. Preference is given to students with demonstrated need who are majoring in English.

#### **Herbert F. Rees and Kevin W. Carroll Scholarship**

This scholarship has been established anonymously and benefits a recipient with demonstrated need who gives evidence of the kindness of spirit and generosity exhibited by the fund's namesakes.

#### **Marilyn Reynolds & Matilda Burhance Scholarship**

A scholarship established in 2017 by Chad Burhance '91 and Shannon Reynolds-Burhance '91 in honor of their mothers. The scholarship provides financial aid for a student who is a Nursing major.

#### **Harry '65 and Grace Risetto Scholarship**

Established in 2001 by Harry and Grace Risetto of Falls Church, Va., this is a need-based scholarship. Mr. Risetto is a practicing attorney in Washington, D.C.

#### **Rodenhiser-Sadarangani Scholarship**

This scholarship was established in 2007 by Yogesh Sadarangani M'00 and his wife Christal Rodenhiser to provide financial aid to a student who is a biology, nursing, engineering or business major with a minimum of 3.00 GPA. Preference is given to a foreign student or a student who is first generation in the United States.

#### **Dr. Robert D. Russo Sr. Scholarship**

Established in 2001 by Wanda Russo in memory of her late husband. The fund has a preference for pre-medical students with demonstrated need. Dr. Russo, who died in 1999, was a longtime friend and benefactor, and served on the University's Board of Trustees.

#### **Joseph '63 and Moira Russoniello Scholarship**

This endowed scholarship fund established by Joseph '63 and Moira Russoniello gives preference to a student from the San Francisco Bay area and is awarded based on academic achievement, strength of character and demonstrated financial need.

#### **Walter G. Ryba Jr. Memorial Scholarship**

This fund honors the memory of the late Dr. Walter G. Ryba, Jr., who served as dean of the Charles F. Dolan School of Business from 1998-2000. Awarding is decided with a preference for a person of color with demonstrated need and who has shown significant leadership in academics, student activities, and athletics in high school.

#### **Saint Michael the Archangel Scholarship**

Established in 1988 by an anonymous donor, this scholarship is to be awarded to a minimum of two students each year, preferably from Fairfield or Bridgeport. Preference is given to a student of Polish ancestry.

#### **Casper A. Scalzi '52 Scholarship**

An endowed fund established by Casper Scalzi, a member of the Class of '52, to provide financial assistance with a preference for a student with demonstrated need majoring in mathematics.

#### **Paul Scolaro '78 Memorial Scholarship**

A fund established by family, alumni, and friends in memory of Paul J. Scolaro. Preference is given to a modern language major at the recommendation of the department. Academic achievement, financial need, and University community involvement are the basis for the award.

#### **Rev. Bernard M. Scully, S.J., Memorial Scholarship**

Established in 1996 on the 10th anniversary of Fr. Scully's death. It has been underwritten by parishioners and friends at St. Agnes Church in Greenwich, Conn., where Fr. Scully served as a pastoral assistant. Fr. Scully also taught mathematics at Fairfield from 1960 through 1985.

#### **Eddie and Gloria Searight Scholarship**

Established in 2012 by former Fairfield Men's Basketball coach Ed Cooley to provide assistance to a student with demonstrated financial need.

#### **Arthur R. Sekerak Memorial Scholarship**

This scholarship was set up by friends of Arthur Sekerak in 2004. It was established to provide annual scholarship assistance to students who demonstrate financial need.

#### **September 11 Scholarship**

This scholarship benefits children of alumni and rescue worker victims of the Sept. 11, 2001 tragedy. Recipients must qualify for admission and, similar to other University scholarships, must offer evidence of demonstrated need.

#### **Isabelle C. Shea Nursing Scholarship**

An endowed fund established in 1984 by the George A. Long and Grace L. Long Foundation to honor the memory of Mrs. Shea, a long-time friend of Fairfield University. Provides financial aid assistance with a preference for nursing students.

#### **Christopher Slattery Fairfield Memorial Scholarship**

This scholarship was established in 2002 and honors the memory of Christopher Slattery '92 who died in the World Trade Center attack on Sept. 11, 2001. Established by his family and friends, the scholarship gives preference to students who attended Chaminade High School in Mineola, N.Y., Chris's own alma mater.

#### **James D. '70 and Terese K. Small Scholarship**

Established in 1990 by the family and friends of this alumnus who had forged a successful career in banking and died at the age of 42, the scholarship was later amended to remember his late widow. Preference goes to students with financial need who have a parent working in the banking industry.

#### **Virginia Spillane and Family Golf Scholarship**

This scholarship was established in 2004 by Todd '81 and Maureen '82 Spillane in loving memory of Virginia C. Spillane. Preference is given to a student who demonstrates financial need, maintains a minimum grade point average of 3.0, and is a member of the men's golf team.



**Virginia C. Spillane and Family Memorial Scholarship**

This scholarship was established in 2004 to provide financial aid to students with demonstrated need and a minimum GPA of 3.00.

**St. Ignatius of Loyola Scholarship**

Established in 2012 by an anonymous donor to provide financial aid to students with demonstrated need.

**Dan Sullivan/Collette Vacations Scholarship**

Funded in 2008 by Daniel J. Sullivan, Jr. '73, this scholarship is to be awarded annually to a student demonstrating financial need with a preference for students from select high schools and cities in northeastern Rhode Island.

**John J. Sullivan Scholarship**

A fund established by friends of the late John J. Sullivan, first selectman of the Town of Fairfield, Conn., from 1959 to 1983, to provide financial assistance with a preference for a student who is a politics major.

**Surdna Foundation Scholarship**

An endowed fund established in 1985 to underwrite scholarships for the benefit of minority students.

**Janet W. Tanner Scholarship**

This endowed fund was established in 1998 for the benefit of AHANA students with demonstrated need.

**Sybertz-Purdie Scholarship**

Established in 2010 by Dr. Edmund Sybertz, Jr. '72 to provide financial aid to undergraduate students.

**Kathleen Nolan Tavino '80 Nursing Scholarship**

Established in 1997 by family, friends, and alumni, to honor the memory of this 1980 alumna. This endowed award is a special memorial scholarship to provide financial assistance with a preference for nursing students. This scholarship is intended to benefit today's nursing students whose hopes and ambitions reflect the values that inspired Kathleen Nolan Tavino's life and work.

**Taylor Family Scholarship**

A scholarship to be awarded to a student with demonstrated financial need.

**Aileen Thomann '94 Memorial Scholarship**

Established in January 1992 by her family, this scholarship honors the memory of Aileen Thomann, a member of the Class of 1994 who was very involved in the music ministry at Egan Chapel and who died during her sophomore year. There are no restrictions other than financial need, although preference is given to a member of the Loyola Chapel Singers.

**Helena S. Thompson Scholarship**

An endowed fund, set up by the estate of Helena S. Thompson, to provide financial assistance to students with need. Preference is given to students studying the arts and education.

**Thorne Family Scholarship**

Established by Adam '90 and Jessica Thorne in 2013 to provide financial aid for deserving students.

**Robert A. Torello '56 Scholarship**

This fund provides an award to an incoming freshman with one or both parents deceased. The fund is supplemented by proceeds from the Robert A. Torello Annual Memorial Scholarship Golf Tournament held in Orange, Conn.

**Dr. Michael Thomas Tucker Scholarship**

Established in 2017 by the family of the late Dr. Michael Thomas Tucker, former Professor of Finance at Fairfield University, to honor his memory. The scholarship provides financial aid for a business major student in the Dolan School of Business, with additional preference given to students showing promise in environmental sustainability through their involvement in Environmental Studies coursework and a GPA of 3.00.

**Daniel P. and Grace I. Tully Scholarship**

Established in 1997 by the Merrill Lynch Foundation, this endowed scholarship fund will help meet the financial aid needs of a Fairfield student, preferably one majoring in economics.

**Urciuoli Family Foundation Golf Scholarship**

The Urciuoli Family Foundation Golf Scholarship was established in 2019 to recognize and support those student athletes, who demonstrate exemplary dedication and discipline in their pursuit of academic excellence, as well as in their endeavor to participate in Division I Collegiate Golf.

**Alice Lynch Vincent Scholarship**

Created by Francis T. 'Fay' Vincent, former university trustee, to assist qualified students who have demonstrated financial need.

**Mary Jayne Walsh Scholarship**

Established by Thomas Walsh, Jr. '84 in honor of his mother, a former nurse. The scholarship provides financial aid to students with demonstrated need within the School of Nursing.

**Dr. Joan Walters Scholarship**

This fund was established in 2000, by William '67 and Jacqueline Egan, in honor of retired faculty member Joan Walters. Preference is given to students majoring in economics.

**Washington Family Scholarship**

An endowed fund that is given to a student with demonstrated financial need as determined by the Office of Financial Aid.

**Leo '58 and Kathleen Waters Scholarship**

A scholarship fund established by Mr. and Mrs. Waters to provide financial assistance to Fairfield University students.

**Wehr Family Scholarship**

This scholarship was established by James '79 and Teresa Wehr in 2010 to provide financial aid to undergraduate students.

**Edmund J. Weinrich Memorial Scholarship**

Established in memory of Edmund J. Weinrich, founder of Weinrich Advertising and Communications, Inc., in appreciation for his work since 1972 in making Innovation Data Processing, Inc. in Clifton, New Jersey the success that it is today. This scholarship is awarded with a preference for juniors from New Jersey who have a minimum G.P.A. of 3.0 and are majoring in Communication, English, Marketing or New Media and Film with interest in a career in advertising, marketing and communications.

#### **H.W. Wilson Foundation Scholarship**

Established in 2017 to provide financial aid to students within the Marion Peckham Egan School of Nursing and Health Studies. Additional preference will be given to undergraduate or graduate psychiatric nursing students who served in the U.S. Armed Forces and demonstrate academic promise and an interest in supporting the mental health needs of Veterans; or undergraduate or graduate nursing students who served in the U.S. Armed Forces.

#### **Wesley T. Wood Scholarship**

An endowed scholarship established in 1988 by Mr. and Mrs. Wesley T. Wood, whose two children are graduates of Fairfield University. Mr. Wood is a past member of the University's Trustee Advisory Council. The fund benefits deserving students with demonstrated need.

#### **Dennis Yee/Patricia Farrell Family Foundation Scholarship**

This endowed fund was established in 2004 to provide financial assistance with a preference for Asian students. The scholarship is need based and recipients must maintain high academic standing.

#### **Stephen J. Zales '81 Scholarship**

Established in 2006 by Stephen J. '81 and Grace Zales. Preference is given to finance majors with demonstrated need and strong academic potential.

#### **The John and Mary Zandonella Memorial Charitable Gift Fund**

Established in 2012 by the Estate of John and Mary Zandonella, this fund provides financial assistance to students with demonstrated financial need and scholastic achievement who are residents of Connecticut and graduates of Connecticut high schools.

#### **Ernesto Zedillo Scholarship**

The Ernesto Zedillo Scholarship at Fairfield University was established by the Corrigan Foundation in 2004 as part of the University's endowed Multicultural Scholarship Fund. The Zedillo Scholarship recognizes academic achievement for students in the College of Arts and Sciences pursuing their studies in the humanities or the behavioral and social sciences, students of Mexican heritage, and financial need. The Ernesto Zedillo Scholar will be an undergraduate entering his or her sophomore, junior, or senior year at Fairfield.

# COLLEGE OF ARTS AND SCIENCES

## A Message from the Dean

Welcome to the College of Arts and Sciences at Fairfield University. The College is a community of caring, engaged, and student-focused faculty and staff dedicated to invention, discovery, and the prospect of producing knowledge in the service of others. In addition to being the oldest of the University's five schools, we are also the home to Fairfield's Core Curriculum, the intellectual foundation of a Fairfield education, anchored in the liberal arts and deeply informed by the Jesuit values of academic excellence and service. We create authentic learning opportunities for students that allow for "exploring the complexities of the human condition, experiencing the wonders of artistic creation, investigating the intricacies of the universe, and reflecting on the mysteries of the sacred – so that we may all do our part to promote a just and peaceful world."

With 14 departments and 20 interdisciplinary programs, the College values inspired teaching and innovative faculty research that makes Fairfield unique. With majors, minors, and interdisciplinary programs spanning a wide variety of subjects and areas of academic inquiry, the opportunities to explore are limitless and uniquely position our students for success in an increasingly competitive job market where key skills such as critical thinking and clear communication are highly valued. From taking the stage in a theatre production to studying the impact of pollution on marine life, the College of Arts and Sciences provides our students the space to explore their passions. Within easy reach of major metropolitan centers and countless companies and service organizations, our internship program further allows our students to put theory into practice in the real world as part of their studies in the College.

We are confident that your time with us will not only prepare you for a rewarding career but an inspired life of service. As the philosopher John Dewey observed, "education is not preparation for life; education is life itself." It is our desire that you live and learn fully during your time at the College, that you are fully engaged. But always remember your responsibility to lead by sharing what you have learned with others. In the immortal words of Ignatius of Loyola, "Go forth and set the world on fire."

**Richard Greenwald, PhD**  
Dean, College of Arts and Sciences

## College Overview

The oldest and largest of Fairfield's five schools, the College of Arts and Sciences offers the bachelor of arts and the bachelor of science degree, as well as master's degrees in American studies, communication, creative writing, mathematics and public administration. In recent years, the College has won numerous grants to support new and continuing programs. Examples include funding to enhance the core science curriculum, to broaden access to science education, to add courses in critical languages, to enhance diversity at the University, to bring geographic information systems technology to area high school classrooms, and to promote family literacy. Through various scholarships, grants, and internship programs, students in the College have had the opportunity to study and conduct research in Brazil, China, Nicaragua, Russia, and Tanzania, among other locations.

Students are encouraged to select a major by the end of their freshman year (essential in sciences) but no later than the end of the sophomore

year. Pre-major students who are still exploring should consult with their faculty advisor, any of their professors, or the Academic and Career Development Center to help them choose a program of study. Selecting a major is not an irrevocable decision; the academic program at Fairfield is flexible enough to allow students to discover new interests or identify new goals. Any of the academic programs in arts and sciences will provide the broad foundations for success and flexibility in any career path.

Within each major field of study, courses range from introductory to highly specialized, with multiple opportunities for independent study and research. Students may also opt, with faculty advice and agreement, to design their own major. Double-majors and minors can also be arranged for students who want to combine the skills and perspectives of two or more disciplines. The core curriculum provides many opportunities to explore the vast territory of the liberal arts and to discover individual intellectual passions.

## Degrees

### Bachelor of Arts

The bachelor of arts is a liberal arts degree with emphasis in the arts, humanities, or social and behavioral sciences.

Major concentrations in the BA degree program include:

- American Studies (p. 52)
- Communication (p. 87)
  - Public Relations (p. 96)
- Economics (p. 98)
- English (p. 110)
  - Digital Journalism (p. 125)
- Environmental Studies (p. 128)
- History (p. 132)
- International Studies (p. 148)
- Individually Designed Major (p. 147)
- Modern Languages and Literatures (p. 164) (French, German, Italian, and Spanish)
- Philosophy (p. 180)
- Politics (p. 192)
- Religious Studies (p. 207)
- Sociology and Anthropology (p. 216)
- Sports Media (p. 222)
- Visual and Performing Arts (p. 223)
  - Art History and Visual Culture (p. 242)
  - Film, Television, and Media Arts (p. 244)
  - Music (p. 246)
  - Studio Art (p. 247)
  - Theatre (p. 247)

### Bachelor of Science

The bachelor of science is a liberal arts degree with an emphasis in the sciences.

Major concentrations in the BS degree program include:

- Behavioral Neuroscience (p. 204)
- Biology (p. 62)
- Biochemistry (p. 76)
- Chemistry (p. 76)
- Economics (p. 98)
- Mathematics (p. 158)
- Physics (p. 186)
- Psychology (p. 200)

## Interdisciplinary Programs

The Fairfield curriculum includes a number of majors and minors that are interdisciplinary in nature. Such programs permit students to combine coursework from more than one academic department, thereby examining a broad subject from a multiplicity of disciplinary perspectives. There are seven interdisciplinary majors currently available to students in the College of Arts and Sciences:

- American Studies (p. 52)
- Biochemistry (p. 76)
- Environmental Studies (p. 128)
- International Studies (p. 148)
- Individually Designed Major (p. 147)
- Liberal and Professional Studies (p. 158)
- Sports Media (p. 222)

The College also offers the following interdisciplinary minors:

- American Studies (p. 56)
- Applied Ethics (p. 59)
- Asian Studies (p. 61)
- Black Studies (p. 74)
- Catholic Studies (p. 75)
- Classical Studies (p. 85)
- Educational Studies (p. 103)
- Environmental Studies (p. 130)
- Graphic Design (p. 244)
- Health Studies (p. 131)
- Humanitarian Action (p. 146)
- International Studies (p. 151)
- Irish Studies (p. 152)
- Islamic World Studies (p. 154)
- Italian Studies (p. 154)
- Judaic Studies (p. 155)
- Latin American and Caribbean Studies (p. 156)
- Peace and Justice Studies (p. 178)
- Russian, East European, and Central Asian Studies (p. 215)
- Sports Media (p. 223)
- Women, Gender, and Sexuality Studies (p. 249)

## Honors Program

The College of Arts and Sciences participates in the University Honors Program (p. 145), a highly selective interdisciplinary course of study open to invited freshmen and sophomores and devoted to intellectual history, interdisciplinary studies, and advanced work in the student's major field. The Honors curriculum challenges students to identify major

intellectual questions about the past and present, write coherently about the history and methods of research into those questions, design a research project on a major question in their field of study, and implement and report on the results of that research project.

## Liberal and Professional Studies

The bachelor of arts or bachelor of science in Liberal and Professional Studies is a flexible, individualized, and interdisciplinary degree designed for non-traditional part time undergraduates (for example, students returning to college after a long hiatus, working professionals who seek career advancement with a respected university degree, etc.). This major consists of nine courses from at least two areas (humanities, social and behavioral science, mathematics and science, liberal and professional studies) as well as a capstone course. The degree offers many attractive features to returning students including a more liberal credit transfer policy and the ability to receive credit through CLEP and portfolio review. More information is available under the Liberal and Professional Studies section (p. 158) of this catalog.

## Specialized Programs in Arts and Sciences

In addition to the traditional major concentrations, the College of Arts and Sciences offers specialized programs and academic services. A partial list follows:

### Education

The College of Arts and Sciences, in collaboration with the Graduate School of Education and Allied Professions, offers a Five-Year Integrated Bachelor and Master of Arts Teacher Certification Program in Elementary Education (p. 107), Secondary Education (p. 108), or Special Education (p. 110). Secondary education tracks include English, science, math, social studies, and world language education. Students earn a BA or BS in their major. They minor in Educational Studies (p. 106) and take two to four additional teacher preparation courses as undergraduates, depending on the certification area. Students continue teacher preparation as graduate students, completing a 30-credit MA in Elementary or Secondary Education and eligibility for Connecticut teaching certifications.

### Health Professions Program

Fairfield offers a challenging, competitive, and highly successful pre-medical/pre-dental/pre-health professional program. Students in this program pursue studies in a field or major of their personal interest while taking those courses necessary for admission to medical, dental, and veterinary school, as well as any of the professional schools for allied health careers, such as physician assistant, physical and occupational therapy, and pharmacy.

All students who are considering the health professions as a career and were not registered for the program as admitted students should identify themselves and meet with the Director of the Health Professions Program as early as possible. A great deal of careful planning must be done in order to prepare a strong application for advanced study.

Students who apply to health professions schools need to have foundational knowledge in science. These foundations can be taken within a science major or added to a non-science major. Many pre-medical students elect to pursue a degree in biology that provides expertise well beyond the minimum requirements recommended by the Association of American Medical Colleges for admission to medical school (similar to requirements for other health professions



schools). However, students should also recognize that other majors - in the natural sciences and in non-science fields - are acceptable alternatives as long as the major is supplemented by a combination of courses that represent preparation for medical, dental, and allied health schools. The best preparation for medicine and a number of other health professions usually includes early completion of the following basic course sequences: MATH 1121 and MATH 2217; BIOL 1171 and BIOL 1172; CHEM 1171 and CHEM 1172; CHEM 2271 and CHEM 2272; PHYS 1171 and PHYS 1172. The choice and sequence of courses depend on the student's personal and academic priorities; these should be discussed with the Health Professions Advisor and other academic advisors.

Internship opportunities are of special interest to students preparing for careers in medicine. Options available to Fairfield students include the Emergency Medicine Research Associates Program at St. Vincent's Medical Center in Bridgeport and a wide variety of local, national, and international opportunities. Contact Director Geoffrey Church, x2485, for more information.

### Pre-Law Program

Fairfield's pre-law program has been consistently successful during the past decade. No particular major is recommended for law school candidates. Pre-law students should elect courses that examine the social, economic, and political systems of which the law is a part. They should also select courses that help them develop competencies to read analytically, reason logically, write clearly, speak precisely, and think critically. Finally, students may wish to pursue coursework that examines the law from the perspective of disciplines such as politics, philosophy, psychology, sociology, and business. The program is closely supervised by faculty who serve as special advisors to pre-law students; supplementary advising is available through the Academic and Career Development Center. Contact advisor Aaron Weinstein by email (aweinstein@fairfield.edu) for more information.

### Internships

Internships provide the opportunity for practical experience in a career field related to a student's major. Most departments of the College of Arts and Sciences offer credit for internships in appropriate agencies and business firms in Fairfield, nearby communities, as well as in New York City and New Haven. Majors who wish to take advantage of these opportunities should consult their department chair or program internship coordinator about eligibility requirements and other details.

### Minors

In addition to the major, a number of departments and interdisciplinary programs in the college offer optional minor concentrations. These concentrations are developed under faculty supervision within the context of departmental requirements and offerings. For further information, contact the department chair or program director.

### Departmental Requirements and Options

Each department or program in the College of Arts and Sciences has specific academic requirements and options for earning a degree in its academic field. Those requirements and options are found in the departmental and program sections that are presented in alphabetical order on subsequent pages of this catalog.

Additional majors, concentrations, and programs housed in academic departments:

- Anthropology: Sociology and Anthropology (p. 216)
- Art History and Visual Culture: see Visual and Performing Arts (p. 223)
- Arts Administration: see Visual and Performing Arts (p. 223)
- Behavioral Neuroscience: see Psychology (p. 200)
- Creative Writing: see English (p. 110)
- Digital Journalism: see English (p. 110)
- Evolution, Ecology, and Biodiversity: see Biology (p. 62)
- Film: see Visual and Performing Arts (p. 223)
- French: see Modern Languages and Literatures (p. 164)
- German: see Modern Languages and Literatures (p. 164)
- Graphic Design: see Visual and Performing Arts (p. 223)
- Classical (Greek or Roman) Studies: see Classical Studies (p. 85)
- Health and Human Biology: see Biology (p. 62)
- Hebrew: see Modern Languages and Literatures (p. 164)
- Italian: see Modern Languages and Literatures (p. 164)
- Leadership Ethics: see Philosophy (p. 180)
- Marine Science: see Biology (p. 62)
- Molecular Biology: see Biology (p. 62)
- Film, Television, and Media Arts: see Visual and Performing Arts (p. 223)
- Music: see Visual and Performing Arts (p. 223)
- Professional Writing: see English (p. 110)
- Public Relations: see Communication (p. 87)
- Russian: see Modern Languages and Literatures (p. 164)
- Spanish: see Modern Languages and Literatures (p. 164)
- Studio Art: see Visual and Performing Arts (p. 223)
- Theatre: see Visual and Performing Arts (p. 223)

## American Studies

The purpose of the American Studies program at Fairfield University is for students to engage the idea of America as it has been culturally imagined and contested throughout history, both within and beyond U.S. national borders. Students also consider their own place, engagement, and responsibilities as participants in the unfolding narratives of America within a global context. Interdisciplinary in its goal, the program draws from a wide range of courses in the arts, humanities, and social sciences in order to help students develop the ability to read America, in all its manifestations, as a rich and dynamic cultural artifact.

Offered as both a major and minor, our course variety allows students to create their own line of study, or a double major, combining American Studies with a traditional academic discipline, giving them some extra advantages towards future careers in business, law, education, public service, or graduate studies.

### Programs

- American Studies Major (p. 53)
- American Studies Minor (p. 56)

## Courses

### AMST 2201 Roots of American Culture

3 Credits

**Prerequisite:** One American Studies Gateway course.

This course provides an introduction to the study of American culture. In familiarizing students with the variety of interdisciplinary ways to approach American Studies, students will examine the diverse experiences, intellectual traditions, and cultural touchstones that make American life a rich and fascinating object of study. Using a variety of sources, students will survey the following themes: race, ethnicity and immigration; expression and imagination; values and ethics; gender; institutional power and politics; and America as a global identity. Previously AS 200.

### AMST 3980 Internship

1-3 Credits

The internship program allows students to gain on-site access experience in a wide variety of fields, including, but not limited to, law, marketing, magazine publishing. These positions are available upon recommendation of the program intern supervisor, under whose guidance the students assume the jobs, which require 10-15 hours a week. Students may take one internship for credit toward the American Studies major. Students may take a second internship for elective credit. Enrollment by permission only. Previously AS 0350.

### AMST 3990 Independent Research Project

3 Credits

During their senior year, each American studies major writes a research paper under the supervision of several participating faculty members. Students integrate different intellectual disciplines in the design and execution of their projects. Previously AS 0399.

## Faculty

### Director

Bayers (English)

### Faculty

Alphonso (Politics)  
 Bucki (History)  
 Carolan (Modern Languages and Literatures)  
 Downie (Politics)  
 Eliasoph (Visual and Performing Arts)  
 Garvey (English)  
 Hohl (History)  
 King (History)  
 Lawrence (History)  
 LoMonaco (Visual and Performing Arts)  
 McFadden (History)  
 Nash (Visual and Performing Arts)  
 Nguyen (Religious Studies)  
 O'Driscoll (English)  
 Orlando (English)  
 Palmer (History)  
 Perez (English)  
 Petrino (English)  
 Sealey (Philosophy)  
 Torff (Visual and Performing Arts)  
 Umansky (Religious Studies)  
 Willsky-Ciollo (Religious Studies)

## American Studies Major

### Requirements

For a 30-credit major in American Studies, students complete the following:

Code	Title	Credits
Select one Gateway Course		3
AMST 2201	Roots of American Culture	3
AMST 3990	Independent Research Project	3
Select five American Studies elective courses, including: <sup>1</sup>		15
At least one course housed in four different departments		
Select at least two additional courses at the 3000-level or higher <sup>2</sup>		6
Total Credits		30

<sup>1</sup> Five courses, selected in consultation with advisor, must be housed within a thematic concentration:

- America and the World
- Expression and Imagination in American Culture
- Gender in American Society
- Power, Politics, and Institutions in America
- Race, Ethnicity, and Immigration in American Society
- Values and Ethics in American Culture

<sup>2</sup> Majors may take AMST 3980 Internship as one of their 10 courses.

Fairfield University also offers a Master of Arts degree in American Studies. The 5000-level courses in that program are available to qualified senior undergraduate American Studies majors and minors with approval of the program director.

## American Studies Electives

### Gateway Courses

Code	Title	Credits
AHST 1164	American Art and Media Culture	3
AHST 1165	The Black Experience: African-American Art and Criticism in the 20th and 21st Centuries	3
ENGL 1140	Caribbean Literature: History, Culture, and Identity	3
ENGL 1200	American Women Playwrights	3
ENGL 1210	American Literature and the Environment	3
ENGL 1220	The Frontier in American Literature	3
ENGL 1230	Ethnic American Literature	3
ENGL 1240	American Literature: Myths and Legends	3
ENGL 1250	American Drama	3
ENGL 1260	American Social Protest Literature	3
ENGL 1290	American Short Story	3
ENGL 1310	Contemporary Women Writers of Color	3
ENGL 1330	African American Literary Tradition	3
ENGL 1700	Writing the Self: Autobiography	3
FTMA 1101	American Cinema History	3
FTMA 1102	American Television History	3
FTMA 2206	American Film: Decades	3

FTMA 2207	Film Genres (depending on genre)	3	ENGL 3032	American Romanticism	3
HIST 2239	20th Century United States	3	ENGL 3033	American Realism and Naturalism	3
HIST 2246	Women and Gender in U.S. History	3	ENGL 3034	American Modernism	3
HIST 2251	The American Century: The United States and the World Since 1900	3	ENGL 3035	Contemporary American Literature and Culture	3
HIST 2253	Early America to 1800	3	ENGL 3074	The Woman Question: Early Feminism and 19th Century Transatlantic Literature	3
HIST 2257	Who Built America? Working People in America	3	ENGL 3075	Caribbean Women Writers	3
MUSC 1101	The History of Jazz	3	ENGL 3077	Urban Texts and Contexts: NYC	3
MUSC 1102	History and Development of Rock	3	FTMA 1101	American Cinema History	3
MUSC 1112	Music of Black Americans	3	FTMA 1102	American Television History	3
MUSC 1120	History of American Song	3	FTMA 2204	African American Cinema	3
POLI 1101	Introduction to American Politics	3	FTMA 2206	American Film: Decades	3
POLI 2104	American Presidency	3	FTMA 2207	Film Genres (depending on genre)	3
POLI 2331	Introduction to Peace and Justice	3	MUSC 1101	The History of Jazz	3
POLI 2333	American Political Thought	3	MUSC 1102	History and Development of Rock	3
POLI 2334	Sex, Sexuality, and Gender	3	MUSC 1120	History of American Song	3
POLI 2336	Politics of Race, Class, and Gender	3	MUSC 1132	Critical Issues in American Popular Music: Blues to Hip Hop	3
POLI 2476	United States Foreign Policy	3	PHIL 2267	(De)Colonizing the Human	3
RLST 1601	Religion in the United States	3	RLST 1667	Mormonism: An American Church	3
RLST 2660	I'm Spiritual, Not Religious: The American Spiritual Tradition	3	RLST 2660	I'm Spiritual, Not Religious: The American Spiritual Tradition	3
SOCI 1110	American Society	3	SOCI 1130	Feminism, Gender, and Everyday Life	3
SOCI 1130	Feminism, Gender, and Everyday Life	3	SPAN 4353	Spanish-American Narrative	3
SOCI 1135	Race, Gender, and Ethnic Relations	3	THTR 1200	American Women Playwrights	3
SOCI 2100	American Class Structure	3	THTR 1250	American Drama	3
THTR 1200	American Women Playwrights	3	<b>Power, Politics, and Institutions in America</b>		
THTR 1250	American Drama	3	ENGL 1260	American Social Protest Literature	3

## Interdisciplinary Themes

Code	Title	Credits			
<b>Expression and Imagination in American Culture</b>					
AHST 1164	American Art and Media Culture	3	HIST 2240	The Personal Is Political: Women's Activism in the 1960s	3
AHST 1165	The Black Experience: African-American Art and Criticism in the 20th and 21st Centuries	3	HIST 2242	Immigration, Race, and Ethnicity in U.S. History	3
ENGL 1140	Caribbean Literature: History, Culture, and Identity	3	HIST 2244	American Constitutional and Legal History II: 1900 to Present	3
ENGL 1200	American Women Playwrights	3	HIST 2251	The American Century: The United States and the World Since 1900	3
ENGL 1210	American Literature and the Environment	3	HIST 2253	Early America to 1800	3
ENGL 1220	The Frontier in American Literature	3	HIST 2257	Who Built America? Working People in America	3
ENGL 1230	Ethnic American Literature	3	HIST 3331	American Revolution and the New Nation	3
ENGL 1240	American Literature: Myths and Legends	3	HIST 3356	History of the Cold War	3
ENGL 1250	American Drama	3	PHIL 2251	Ethical Theories in America	3
ENGL 2002	American Poetry	3	POLI 1101	Introduction to American Politics	3
ENGL 2033	American Women Writers of the 19th Century	3	POLI 2103	Public Administration	3
ENGL 2043	American Literature: 20th Century to the Present	3	POLI 2104	American Presidency	3
ENGL 2062	The Harlem Renaissance	3	POLI 2105	United States Congress	3
ENGL 2063	African American Women Writers	3	POLI 2106	Supreme Court I	3
ENGL 2064	African American Fiction, 1940 to Present	3	POLI 2107	Supreme Court II	3
ENGL 2081	Native American Literature	3	POLI 2108	Political Parties and Interest Groups	3
ENGL 2082	Latinx Literature	3	POLI 2109	American Public Policy	3
			POLI 2112	United States Environmental Politics and Policy	3

POLI 2331	Introduction to Peace and Justice	3	SPAN 4353	Spanish-American Narrative	3
POLI 2333	American Political Thought	3	RLST 1667	Mormonism: An American Church	3
POLI 2334	Sex, Sexuality, and Gender	3	RLST 2113	Jews and Judaism in America	3
POLI 2336	Politics of Race, Class, and Gender	3	RLST 2760	Islam in America	3
POLI 2476	United States Foreign Policy	3	SOCI 1110	American Society	3
POLI 4301	The Battle Over Family Values in American Politics	3	SOCI 1135	Race, Gender, and Ethnic Relations	3
POLI 4302	Seminar on Feminist Theory	3	SOCI 2110	Race, Cities, and Poverty	3
RLST 1667	Mormonism: An American Church	3	SOCI 2410	History of Social Welfare	3
SOCI 1110	American Society	3	<b>Gender in American Society</b>		
SOCI 1135	Race, Gender, and Ethnic Relations	3	BLST 1101	Black Lives Matter	3
SOCI 1140	Urban/Suburban Sociology: NYC	3	ENGL 1200	American Women Playwrights	3
SOCI 2100	American Class Structure	3	ENGL 1220	The Frontier in American Literature	3
SOCI 2200	Criminology	3	ENGL 1310	Contemporary Women Writers of Color	3
SOCI 2210	Sociology of Law	3	ENGL 2033	American Women Writers of the 19th Century	3
SOCI 2215	Death Penalty in America	3	ENGL 2063	African American Women Writers	3
<b>Race, Ethnicity, and Immigration in American Society</b>			ENGL 2082	Latinx Literature	3
AHST 1164	American Art and Media Culture	3	ENGL 3074	The Woman Question: Early Feminism and 19th Century Transatlantic Literature	3
AHST 1165	The Black Experience: African-American Art and Criticism in the 20th and 21st Centuries	3	ENGL 3075	Caribbean Women Writers	3
BLST 1101	Black Lives Matter	3	FTMA 2207	Film Genres (depending on genre)	3
ENGL 1220	The Frontier in American Literature	3	HIST 2240	The Personal Is Political: Women's Activism in the 1960s	3
ENGL 1310	Contemporary Women Writers of Color	3	HIST 2245	Feminism in the United States	3
ENGL 1330	African American Literary Tradition	3	HIST 2246	Women and Gender in U.S. History	3
ENGL 2062	The Harlem Renaissance	3	HIST 2247	Family and Sexuality in U.S. History	3
ENGL 2063	African American Women Writers	3	HIST 2257	Who Built America? Working People in America	3
ENGL 2064	African American Fiction, 1940 to Present	3	HIST 2264	African-American History, 1865 to Present	3
ENGL 2081	Native American Literature	3	MUSC 1101	The History of Jazz	3
ENGL 2082	Latinx Literature	3	POLI 2334	Sex, Sexuality, and Gender	3
ENGL 2083	Asian Diasporas: Challenges to Citizenship	3	POLI 2336	Politics of Race, Class, and Gender	3
ENGL 3034	American Modernism	3	POLI 4301	The Battle Over Family Values in American Politics	3
ENGL 3075	Caribbean Women Writers	3	POLI 4302	Seminar on Feminist Theory	3
FTMA 2204	African American Cinema	3	SOCI 1115	Sociology of the Family	3
HIST 2239	20th Century United States	3	SOCI 1130	Feminism, Gender, and Everyday Life	3
HIST 2242	Immigration, Race, and Ethnicity in U.S. History	3	SOCI 1135	Race, Gender, and Ethnic Relations	3
HIST 2253	Early America to 1800	3	SOCI 2100	American Class Structure	3
HIST 2257	Who Built America? Working People in America	3	SOCI 2115	Women: Work and Sport	3
HIST 2262	African-American History, 1619 to 1865	3	SOCI 2410	History of Social Welfare	3
HIST 2263	Inventing Themselves: African-American Women in U.S. History	3	<b>Values and Ethics in American Culture</b>		
HIST 2264	African-American History, 1865 to Present	3	BLST 1101	Black Lives Matter	3
HIST 3331	American Revolution and the New Nation	3	ENGL 1210	American Literature and the Environment	3
HIST 3335	Civil War and Reconstruction	3	ENGL 1220	The Frontier in American Literature	3
POLI 2336	Politics of Race, Class, and Gender	3	ENGL 1260	American Social Protest Literature	3
MUSC 1101	The History of Jazz	3	HIST 2237	American Prophetic Tradition	3
MUSC 1112	Music of Black Americans	3	HIST 2257	Who Built America? Working People in America	3
MUSC 1132	Critical Issues in American Popular Music: Blues to Hip Hop	3	PHIL 2251	Ethical Theories in America	3
POLI 2334	Sex, Sexuality, and Gender	3	POLI 2112	United States Environmental Politics and Policy	3
POLI 2336	Politics of Race, Class, and Gender	3	POLI 2331	Introduction to Peace and Justice	3



POLI 2336	Politics of Race, Class, and Gender	3
POLI 4301	The Battle Over Family Values in American Politics	3
RLST 1667	Mormonism: An American Church	3
RLST 2113	Jews and Judaism in America	3
RLST 2649	American Catholic Theologians	3
RLST 2660	I'm Spiritual, Not Religious: The American Spiritual Tradition	3
RLST 2663	New Religious Movements in America	3
SOCI 1115	Sociology of the Family	3
SOCI 1125	Sociology of Religion	3
SOCI 2110	Race, Cities, and Poverty	3
SOCI 2210	Sociology of Law	3
SOCI 2215	Death Penalty in America	3
SOCI 2220	Criminal Justice System Seminar	3
SOCI 2410	History of Social Welfare	3
<b>America and the World</b>		
ENGL 1140	Caribbean Literature: History, Culture, and Identity	3
ENGL 1230	Ethnic American Literature	3
ENGL 2082	Latinx Literature	3
ENGL 2083	Asian Diasporas: Challenges to Citizenship	3
ENGL 3075	Caribbean Women Writers	3
HIST 2242	Immigration, Race, and Ethnicity in U.S. History	3
HIST 2251	The American Century: The United States and the World Since 1900	3
HIST 2253	Early America to 1800	3
HIST 3367	East Asia in 20th-Century American Wars	3
POLI 2476	United States Foreign Policy	3
POLI 4302	Seminar on Feminist Theory	3
RLST 2760	Islam in America	3
SOCI 1125	Sociology of Religion	3
SOCI 1135	Race, Gender, and Ethnic Relations	3

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## American Studies Minor

For a 15-credit minor in American Studies, students complete the following:

Code	Title	Credits
Select one Gateway Course from the list below		3
AMST 2201	Roots of American Culture	3
Select three American Studies elective courses housed in three different departments		9
Total Credits		15

Fairfield University also offers a Master of Arts degree in American Studies. The 5000-level core and elective courses in that program are

available to qualified senior undergraduate American Studies majors and minors with approval of the program director.

## American Studies Electives

### Gateway Courses

Code	Title	Credits
AHST 1164	American Art and Media Culture	3
AHST 1165	The Black Experience: African-American Art and Criticism in the 20th and 21st Centuries	3
ENGL 1140	Caribbean Literature: History, Culture, and Identity	3
ENGL 1200	American Women Playwrights	3
ENGL 1210	American Literature and the Environment	3
ENGL 1220	The Frontier in American Literature	3
ENGL 1230	Ethnic American Literature	3
ENGL 1240	American Literature: Myths and Legends	3
ENGL 1250	American Drama	3
ENGL 1260	American Social Protest Literature	3
ENGL 1290	American Short Story	3
ENGL 1310	Contemporary Women Writers of Color	3
ENGL 1330	African American Literary Tradition	3
ENGL 1700	Writing the Self: Autobiography	3
FTMA 1101	American Cinema History	3
FTMA 1102	American Television History	3
FTMA 2206	American Film: Decades	3
FTMA 2207	Film Genres (depending on genre)	3
HIST 2239	20th Century United States	3
HIST 2246	Women and Gender in U.S. History	3
HIST 2251	The American Century: The United States and the World Since 1900	3
HIST 2253	Early America to 1800	3
HIST 2257	Who Built America? Working People in America	3
MUSC 1101	The History of Jazz	3
MUSC 1102	History and Development of Rock	3
MUSC 1112	Music of Black Americans	3
MUSC 1120	History of American Song	3
POLI 1101	Introduction to American Politics	3
POLI 2104	American Presidency	3
POLI 2331	Introduction to Peace and Justice	3
POLI 2333	American Political Thought	3
POLI 2334	Sex, Sexuality, and Gender	3
POLI 2336	Politics of Race, Class, and Gender	3
POLI 2476	United States Foreign Policy	3
RLST 1601	Religion in the United States	3
RLST 2660	I'm Spiritual, Not Religious: The American Spiritual Tradition	3
SOCI 1110	American Society	3
SOCI 1130	Feminism, Gender, and Everyday Life	3
SOCI 1135	Race, Gender, and Ethnic Relations	3
SOCI 2100	American Class Structure	3

THTR 1200	American Women Playwrights	3
THTR 1250	American Drama	3

## Interdisciplinary Themes

Code	Title	Credits
<b>Expression and Imagination in American Culture</b>		
AHST 1164	American Art and Media Culture	3
AHST 1165	The Black Experience: African-American Art and Criticism in the 20th and 21st Centuries	3
ENGL 1140	Caribbean Literature: History, Culture, and Identity	3
ENGL 1200	American Women Playwrights	3
ENGL 1210	American Literature and the Environment	3
ENGL 1220	The Frontier in American Literature	3
ENGL 1230	Ethnic American Literature	3
ENGL 1240	American Literature: Myths and Legends	3
ENGL 1250	American Drama	3
ENGL 2002	American Poetry	3
ENGL 2033	American Women Writers of the 19th Century	3
ENGL 2043	American Literature: 20th Century to the Present	3
ENGL 2062	The Harlem Renaissance	3
ENGL 2063	African American Women Writers	3
ENGL 2064	African American Fiction, 1940 to Present	3
ENGL 2081	Native American Literature	3
ENGL 2082	Latinx Literature	3
ENGL 3032	American Romanticism	3
ENGL 3033	American Realism and Naturalism	3
ENGL 3034	American Modernism	3
ENGL 3035	Contemporary American Literature and Culture	3
ENGL 3074	The Woman Question: Early Feminism and 19th Century Transatlantic Literature	3
ENGL 3075	Caribbean Women Writers	3
ENGL 3077	Urban Texts and Contexts: NYC	3
FTMA 1101	American Cinema History	3
FTMA 1102	American Television History	3
FTMA 2204	African American Cinema	3
FTMA 2206	American Film: Decades	3
FTMA 2207	Film Genres (depending on genre)	3
MUSC 1101	The History of Jazz	3
MUSC 1102	History and Development of Rock	3
MUSC 1120	History of American Song	3
MUSC 1132	Critical Issues in American Popular Music: Blues to Hip Hop	3
PHIL 2267	(De)Colonizing the Human	3
RLST 1667	Mormonism: An American Church	3
RLST 2660	I'm Spiritual, Not Religious: The American Spiritual Tradition	3
SOCI 1130	Feminism, Gender, and Everyday Life	3
SPAN 4353	Spanish-American Narrative	3
THTR 1200	American Women Playwrights	3

THTR 1250	American Drama	3
<b>Power, Politics, and Institutions in America</b>		
ENGL 1260	American Social Protest Literature	3
HIST 2239	20th Century United States	3
HIST 2240	The Personal Is Political: Women's Activism in the 1960s	3
HIST 2242	Immigration, Race, and Ethnicity in U.S. History	3
HIST 2244	American Constitutional and Legal History II: 1900 to Present	3
HIST 2251	The American Century: The United States and the World Since 1900	3
HIST 2253	Early America to 1800	3
HIST 2257	Who Built America? Working People in America	3
HIST 3331	American Revolution and the New Nation	3
HIST 3356	History of the Cold War	3
PHIL 2251	Ethical Theories in America	3
POLI 1101	Introduction to American Politics	3
POLI 2103	Public Administration	3
POLI 2104	American Presidency	3
POLI 2105	United States Congress	3
POLI 2106	Supreme Court I	3
POLI 2107	Supreme Court II	3
POLI 2108	Political Parties and Interest Groups	3
POLI 2109	American Public Policy	3
POLI 2112	United States Environmental Politics and Policy	3
POLI 2331	Introduction to Peace and Justice	3
POLI 2333	American Political Thought	3
POLI 2334	Sex, Sexuality, and Gender	3
POLI 2336	Politics of Race, Class, and Gender	3
POLI 2476	United States Foreign Policy	3
POLI 4301	The Battle Over Family Values in American Politics	3
POLI 4302	Seminar on Feminist Theory	3
RLST 1667	Mormonism: An American Church	3
SOCI 1110	American Society	3
SOCI 1135	Race, Gender, and Ethnic Relations	3
SOCI 1140	Urban/Suburban Sociology: NYC	3
SOCI 2100	American Class Structure	3
SOCI 2200	Criminology	3
SOCI 2210	Sociology of Law	3
SOCI 2215	Death Penalty in America	3
<b>Race, Ethnicity, and Immigration in American Society</b>		
AHST 1164	American Art and Media Culture	3
AHST 1165	The Black Experience: African-American Art and Criticism in the 20th and 21st Centuries	3
BLST 1101	Black Lives Matter	3
ENGL 1220	The Frontier in American Literature	3
ENGL 1310	Contemporary Women Writers of Color	3
ENGL 1330	African American Literary Tradition	3
ENGL 2062	The Harlem Renaissance	3

ENGL 2063	African American Women Writers	3	HIST 2257	Who Built America? Working People in America	3
ENGL 2064	African American Fiction, 1940 to Present	3	HIST 2264	African-American History, 1865 to Present	3
ENGL 2081	Native American Literature	3	MUSC 1101	The History of Jazz	3
ENGL 2082	Latinx Literature	3	POLI 2334	Sex, Sexuality, and Gender	3
ENGL 2083	Asian Diasporas: Challenges to Citizenship	3	POLI 2336	Politics of Race, Class, and Gender	3
ENGL 3034	American Modernism	3	POLI 4301	The Battle Over Family Values in American Politics	3
ENGL 3075	Caribbean Women Writers	3	POLI 4302	Seminar on Feminist Theory	3
FTMA 2204	African American Cinema	3	SOCI 1115	Sociology of the Family	3
HIST 2239	20th Century United States	3	SOCI 1130	Feminism, Gender, and Everyday Life	3
HIST 2242	Immigration, Race, and Ethnicity in U.S. History	3	SOCI 1135	Race, Gender, and Ethnic Relations	3
HIST 2253	Early America to 1800	3	SOCI 2100	American Class Structure	3
HIST 2257	Who Built America? Working People in America	3	SOCI 2115	Women: Work and Sport	3
HIST 2262	African-American History, 1619 to 1865	3	SOCI 2410	History of Social Welfare	3
HIST 2263	Inventing Themselves: African-American Women in U.S. History	3	<b>Values and Ethics in American Culture</b>		
HIST 2264	African-American History, 1865 to Present	3	BLST 1101	Black Lives Matter	3
HIST 3331	American Revolution and the New Nation	3	ENGL 1210	American Literature and the Environment	3
HIST 3335	Civil War and Reconstruction	3	ENGL 1220	The Frontier in American Literature	3
POLI 2336	Politics of Race, Class, and Gender	3	ENGL 1260	American Social Protest Literature	3
MUSC 1101	The History of Jazz	3	HIST 2237	American Prophetic Tradition	3
MUSC 1112	Music of Black Americans	3	HIST 2257	Who Built America? Working People in America	3
MUSC 1132	Critical Issues in American Popular Music: Blues to Hip Hop	3	PHIL 2251	Ethical Theories in America	3
POLI 2334	Sex, Sexuality, and Gender	3	POLI 2112	United States Environmental Politics and Policy	3
POLI 2336	Politics of Race, Class, and Gender	3	POLI 2331	Introduction to Peace and Justice	3
SPAN 4353	Spanish-American Narrative	3	POLI 2336	Politics of Race, Class, and Gender	3
RLST 1667	Mormonism: An American Church	3	POLI 4301	The Battle Over Family Values in American Politics	3
RLST 2113	Jews and Judaism in America	3	RLST 1667	Mormonism: An American Church	3
RLST 2760	Islam in America	3	RLST 2113	Jews and Judaism in America	3
SOCI 1110	American Society	3	RLST 2649	American Catholic Theologians	3
SOCI 1135	Race, Gender, and Ethnic Relations	3	RLST 2660	I'm Spiritual, Not Religious: The American Spiritual Tradition	3
SOCI 2110	Race, Cities, and Poverty	3	RLST 2663	New Religious Movements in America	3
SOCI 2410	History of Social Welfare	3	SOCI 1115	Sociology of the Family	3
<b>Gender in American Society</b>			SOCI 1125	Sociology of Religion	3
BLST 1101	Black Lives Matter	3	SOCI 2110	Race, Cities, and Poverty	3
ENGL 1200	American Women Playwrights	3	SOCI 2210	Sociology of Law	3
ENGL 1220	The Frontier in American Literature	3	SOCI 2215	Death Penalty in America	3
ENGL 1310	Contemporary Women Writers of Color	3	SOCI 2220	Criminal Justice System Seminar	3
ENGL 2033	American Women Writers of the 19th Century	3	SOCI 2410	History of Social Welfare	3
ENGL 2063	African American Women Writers	3	<b>America and the World</b>		
ENGL 2082	Latinx Literature	3	ENGL 1140	Caribbean Literature: History, Culture, and Identity	3
ENGL 3074	The Woman Question: Early Feminism and 19th Century Transatlantic Literature	3	ENGL 1230	Ethnic American Literature	3
ENGL 3075	Caribbean Women Writers	3	ENGL 2082	Latinx Literature	3
FTMA 2207	Film Genres (depending on genre)	3	ENGL 2083	Asian Diasporas: Challenges to Citizenship	3
HIST 2240	The Personal Is Political: Women's Activism in the 1960s	3	ENGL 3075	Caribbean Women Writers	3
HIST 2245	Feminism in the United States	3	HIST 2242	Immigration, Race, and Ethnicity in U.S. History	3
HIST 2246	Women and Gender in U.S. History	3	HIST 2251	The American Century: The United States and the World Since 1900	3
HIST 2247	Family and Sexuality in U.S. History	3			

HIST 2253	Early America to 1800	3
HIST 3367	East Asia in 20th-Century American Wars	3
POLI 2476	United States Foreign Policy	3
POLI 4302	Seminar on Feminist Theory	3
RLST 2760	Islam in America	3
SOCI 1125	Sociology of Religion	3
SOCI 1135	Race, Gender, and Ethnic Relations	3

## Applied Ethics

Established in 1980 by a grant from the National Endowment for the Humanities, the Program in Applied Ethics is an inter-school program reporting to the Office of the Provost. In 2018, it was renamed the Patrick J. Waide Center for Applied Ethics. It operates in close coordination with the deans of the College of Arts and Sciences, the Dolan School of Business, the School of Engineering, the Egan School of Nursing and Health Studies, and the Graduate School of Education and Allied Professions.

The Center integrates interdisciplinary courses, seminars, lectures, colloquia, and workshops in the fields of professional ethics (business, healthcare, science, law, engineering, education, and communication), ethics for the citizen (government, community, environmental concerns, war and peace), and global studies (ethical dimensions of global violence, global health, environmental policies, business practices, and humanitarian action). This unified approach to the theory and practice of ethical conduct in all fields raises student awareness of the moral dilemmas of their chosen fields of practice, of allied fields, and of society and the world. The Center offers a series of core-level and elective courses and seminars in service to various academic and professional programs, and a 15-credit minor.

In 2002, Patrick J. Waide Jr. '59, a former University trustee and distinguished alumnus of Fairfield University, generously established a continuing fund to spend on invited speakers, course materials, and scheduled activities on topics of international affairs, global ethics, and public policy. In 2018, Mr. Waide made a major gift to endow Applied Ethics as a Center, which now bears his name.

## Programs

- Applied Ethics Minor (p. 61)

## Courses

### AETH 2262 Ethics and the Community

3 Credits

**Attributes:** PJST Peace and Justice Studies

**Prerequisite:** One course in Philosophy or Religious Studies.

This course surveys the philosophical grounding of the organizations in contemporary society, examining structured human groups from the household, through the village (or religious/ethnic association), to the nation-state to understand their moral undertakings in their environment; to consider how they implement and balance rights and duties, rules and compassion, autonomy and common purposes. This course gives special attention to structural injustice in the treatment of those marginalized by gender, race, or socioeconomic deficit, and includes an effort to determine where new understanding may yield suggestions for structural modification. Students are provided the opportunity to research and present projects on contemporary social problems that illustrate the themes of the course. Previously AE 0262.

### AETH 2265 Ethics in Education

3 Credits

**Attributes:** EDCG Educational Studies Cognate, EDDV Educational Studies Diversity

**Prerequisite:** One course in Philosophy or Religious Studies.

This survey of the ethical issues that arise in the classroom, school, and school district also covers those issues, to a lesser extent, in the educational policies of the state and federal government. The course directly addresses issues of race, class, and gender in the educational system, addressing entitlement to education, access to education, discipline in the educational setting, multicultural issues in general, politics, accountability, assessment, and the ethics of respect as they pertain to teachers, students, and administrators. Previously AE 0265.

### AETH 2270 Ethical Dimensions of Global Violence

3 Credits

**Attributes:** WDIV World Diversity

**Prerequisite:** One course in Philosophy or Religious Studies.

A survey of the ethical implications of the new and alarming potentials for violence in a disorderly world. The new faces of violence - insurgency, terrorism inspired by religion, plans for mass destruction, children as warriors - will be examined in the context of Just War theory, the Christian commitment to social justice, and the emerging international order (and disorder). Fully half the course will explore the perspectives of the developing world, especially as violence occurs between factions from the developing world and the traditional wielders of force in the North and West. Previously AE 0270.

### AETH 2272 Ethics of Humanitarian Action

3 Credits

**Attributes:** HAFD Humanitarian Action Foundation Course

**Prerequisite:** One course in Philosophy or Religious Studies.

This course provides students with principles and methods of ethics that they will apply to issues of humanitarian action. Examples of humanitarian action to be considered in this course include the international humanitarian system run by states, non-governmental organizations (NGOs), the United Nations and its lead agencies and, increasingly, the private sector. Students also will learn about the development of humanitarian codes of conduct, values and principles, which they will evaluate in terms of their ethical content. Previously AE 0272.



**AETH 2276 Ethical Dimensions of Global Business Practices 3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, PJST Peace and Justice Studies, WDIV World Diversity

**Prerequisite:** One course in Philosophy or Religious Studies.

A survey of the ethical dimensions of contemporary business practice generally, with special emphasis on the ethical implications of global business enterprise. Topics include global employment practices, human and employee rights in a global economy, the implications of external debt for the economies of developing nations, the human costs and benefits of the changes in global agriculture and food provision generally, and the work of international agencies (the World Trade Organization, the International Monetary Fund, and the World Bank in particular) in guiding the economies of the world. A three-week unit will focus on the economic implications of natural and man made disasters and humanitarian crises. Previously AE 0276.

**AETH 2281 Ethics of Communications 3 Credits**

**Attributes:** ENEC Digital Journalism Ethics Component

**Prerequisite:** One course in Philosophy or Religious Studies.

This course examines the moral dilemmas of media management, political propaganda, campaign promotions, public relations, and corporate communication. Topics include advertising and marketing practices, especially political advocacy and messages targeted to various audiences; truth and loyalty in public relations practices; the philosophical and constitutional bases of freedom of the press; and problems of media bias, systematic and otherwise. Previously AE 0281.

**AETH 2283 Environmental Justice 3 Credits**

**Attributes:** EVHU Environmental Studies: Humanities, EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, PJST Peace and Justice Studies, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One course in Philosophy or Religious Studies.

This course offers a comprehensive study of the political impact of our global environmental crisis examined through the lens of the relationship of self to society. We study current scientific, religious, economic, and political perspectives that impact our ecological reality globally, including health, trade, population, and waste issues. Working in self-selected groups, students have the opportunity to report on alternative models and activists' movements aimed at creating a global sustainable future. Previously AE 0283.

**AETH 2284 Environmental Ethics 3 Credits**

**Attributes:** EVHU Environmental Studies: Humanities, EVPE Environmental Studies Elective, PJST Peace and Justice Studies

**Prerequisite:** One course in Philosophy or Religious Studies.

Students examine the environmental problems that arise in our attempts to reconcile the demands of human fulfillment and economic activity, and the requirements of ecological balance. Issues include the diverse perspectives of conservation, preservation, and deep ecology. Student projects cover the wise use of resources; pollution of land, air, and water; conservation of species and open space; global climatic change; and the future stewardship of oceans, forests, and the atmosphere. Previously AE 0284.

**AETH 2285 Ethics of Health Care 3 Credits**

**Attributes:** HSTE Health Studies: Traditions, Delivery, and Ethics

**Prerequisite:** One course in Philosophy or Religious Studies.

This course considers the moral dilemmas of the healthcare setting. Topics include patients' rights (medical paternalism and patient autonomy, informed consent to therapy, and participation in research); dilemmas of reproduction (technological assistance, abortion, cloning); dilemmas of life and death (assisted suicide, euthanasia, technological interventions for the dying); allocation of healthcare resources; and the special dilemmas of healthcare professionals caught in binds between HMO contracts and professional obligations. Previously AE 0285.

**AETH 2287 Engineering Ethics 3 Credits**

**Prerequisite:** One course in Philosophy or Religious Studies.

This course systematically explores the ethical dimensions of situations and tasks common to engineering practice. Issues include professionalism, codes of ethics, consumer risk and safety, employee loyalty and whistle-blowing, research and ownership of information, and the engineer's responsibility to the natural environment. Previously AE 0287.

**AETH 2291 Business Ethics 3 Credits**

**Prerequisite:** One course in Philosophy or Religious Studies.

This course investigates ethical problems in business practice. Topics include the foundation of the free-market system, personal morality in profit-oriented enterprises; codes of ethics, obligations to employees and other stakeholders; truth in advertising, whistle-blowing, and company loyalty; self and government regulation; the logic and future of capitalism; and the changing responsibilities of the manager in a rapidly globalizing business environment. Previously AE 0291.

**AETH 2293 Ethics of War and Peace 3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, INEL International Studies / International Business Elective, PJST Peace and Justice Studies

**Prerequisite:** One course in Philosophy or Religious Studies.

This is a survey of issues relating to war and international conflict. Topics include Just War theory, human rights issues, the impact of war on women, the role of the United Nations Security Council, and the history of global attempts to proscribe and prevent aggression. The course also looks at related issues that have emerged in recent years, such as humanitarian intervention and economic sanctions. Previously AE 0293.

**AETH 2295 Ethics in Law and Society 3 Credits**

**Prerequisite:** One course in Philosophy or Religious Studies.

This course is an inquiry into the ethical dilemmas of making, enforcing, adjudicating, obeying and practicing the law. Topics include the nature of law and the province of jurisprudence, responsibility of the criminal bar (defense, prosecution, judicial), conflicts of interest, election or appointment of judges, the moral infrastructure of the Constitution, the limits of adjudication, and issues relating to investigative technique (torture and extreme confinement conditions). Previously AE 0295.

**AETH 3391 Seminar in Business Law, Regulation, and Ethics 3 Credits**

**Attributes:** MGEL Management: General Elective

**Prerequisites:** AETH 2291, BUSN 3211, two additional courses in law or applied ethics.

This seminar investigates ethical dilemmas of business management, primarily as encountered in real cases. Themes vary from year to year. Format: guest presentations by members of the business community, followed by discussion. Crosslisted with BUSN 3391. Previously AE 0391.

**AETH 3990 Independent Study****3 Credits**

Students undertake an advanced program of course, field, and library work arranged with the instructor. Enrollment by permission only. Previously AE 0399.

## Faculty

### Director

Schmidt, D. (Management)

### Lecturers

Butler  
Liftig  
Moore  
Newman  
Schmidt, N.  
Smoley  
Ventrella  
Yoder  
Yong

### Steering Committee

Conelius (Nursing)  
Hulse (GSEAP)  
Naser (Philosophy)  
Lee (Accounting)  
Zabinski (Engineering)

## Applied Ethics Minor

For a 15-credit minor in Applied Ethics, students complete the following:

Code	Title	Credits
Select two to three Intermediate Applied Ethics courses		6-9
Select two to three Advanced Applied Ethics seminars		6-9
Total Credits		15

Note: Substitutions are possible as approved by the program director.

## Asian Studies

The Asian Studies program focuses on a region that is home to fully half of humanity, the world's most populous democracy, and one of the fastest growing economies in the world. The importance of Asia in global, political, and economic systems - and particularly its growing impact on the United States - demands a firm understanding of the history, cultures, politics, religions, and economics of Asian countries. Everyone, regardless of major or profession, will be affected by past, present, and future events and developments in Asia.

Combined with a major in a regular discipline, the Asian studies minor prepares the student for a career in international business or banking, journalism, teaching, the United States government, or in international organizations, or for further studies in graduate or professional school.

It is also possible, instead of pursuing the minor, for a student with at least a 3.00 GPA to create an Individually Designed Major in Asian Studies, Chinese Studies, or some other relevant focus in Asia-related

study. For information, please consult the Individually Designed Major (p. 147) catalog section.

## Programs

- Asian Studies Minor (p. 61)

## Courses

**ASST 3990 Independent Study****1-3 Credits**

Students undertake an individualized program of study in consultation with a director from the Asian Studies faculty. Previously AN 0301.

**ASST 4999 Asian Studies Seminar****3 Credits**

**Attributes:** ANMC Asian Studies Elective

**Prerequisite:** Junior standing.

This seminar examines selected topics concerning Asia. The course is taught in conjunction with another course from a rotation of course offerings. Consult the Asian Studies director to identify the conjoined course for a given semester. The seminar concentrates on topics within the parameters of the conjoined course syllabus but adds a research emphasis. Students registered for this course must complete a research project, to include 4000-level research, in addition to the regular research requirements of the conjoined course, and a 25-50 page term paper in substitution for some portion of the conjoined course requirements, as determined by the instructor. Previously AN 0310.

## Faculty

### Director

Aksan (Economics)

### Program Faculty

Covaci (Visual and Performing Arts)  
Davidson (Religious Studies)  
Li (History)  
Purushotham (History)  
Xiao (Modern Languages and Literatures)  
Zhang, Q. (Communication)

## Asian Studies Minor

For a 15-credit minor in Asian Studies, students complete the following:

Code	Title	Credits
ASST 4999	Asian Studies Seminar <sup>1,2</sup>	3
Select four courses from the Asian Studies Elective list <sup>3</sup>		12
Total Credits		15

<sup>1</sup> Normally taken during the junior or senior year.

<sup>2</sup> ASST 3990 Independent Study may be substituted if the seminar is not offered or if program faculty approve a student proposal for independent study in lieu of the seminar. A designated 100-300 level course from a rotation of the course offerings also fulfills the requirement.

<sup>3</sup> Study of an Asian language is not required for the minor, but is encouraged. Two language courses in the same language may be counted toward the minor.

Study Abroad in Asia is not required for this minor, but is strongly recommended. Some courses taken abroad may be counted toward the minor with the Asian Studies Director's approval.

## Asian Studies Electives

Code	Title	Credits
AHST 1102	Art of East Asia	3
AHST 1104	Art of Asia	3
CHIN 1110	Elementary Chinese I	3
CHIN 1111	Elementary Chinese II	3
CHIN 2210	Intermediate Chinese I	3
CHIN 2211	Intermediate Chinese II	3
CHIN 2220	Advanced Chinese	3
CHIN 2221	Reading China	3
CHIN 2250/ ENGL 1180	Modern China Through Fiction and Film	3
COMM 2241	Communication and Culture: East and West	3
ECON 2120	Introduction to Environmental Economics	3
ECON 3230	Comparative Economic Systems	3
ECON 3235	Economic Development	3
ENGL 1180/ CHIN 2250	Modern China through Fiction and Film	3
FTMA 1103	Global Cinema	3
HIST 2265	History of the Indian Subcontinent: Colonialism, Nationalism, and Democracy, c.1857 to Today	3
HIST 2266	Gandhi and Non-Violent Revolution in the 20th Century	3
HIST 2278	Cultural History of China's Relations with the United States	3
HIST 2279	China from the Classical Time to the 1800s	3
HIST 2285	Modern China: 1800 to Present	3
HIST 2286	Rise of Modern Japan: 1800 to Present	3
HIST 3366	Gender, Culture, and Representation: Women in China and Japan, 1600 to Present	3
HIST 3367	East Asia in 20th-Century American Wars	3
HIST 3368	Ideas in Action: Decolonization in World History	3
PHIL 2240	Introduction to Asian Philosophies	3
PHIL 2241	Confucianism	3
POLI 2256	Asian Politics	3
RLST 1801	Asian Religions	3
RLST 1802	Buddhism	3
RLST 2880	Hinduism	3
RLST 2883	Buddhist Spirituality	3
RLST 2886	Buddhism in the United States	3
RLST 2889	Tantrism	3

## Biology

The biology major prepares students for future professional work in the life and health sciences or advanced education in numerous specializations across all fields of Biology. In addition to a high success rate in placing graduates in medical school, physician assistant

programs, dental school and other health care professions, a significant number of our students also pursue graduate degrees (both Masters and PhD programs) in fields such as microbiology, physiology, cell biology and ecology. Many other students have been successful in careers in the pharmaceutical industry, and also, importantly, as teachers in primary and secondary education programs.

## Programs

- Biology Major (p. 71)
  - Concentration in Evolution, Ecology, and Biodiversity
  - Concentration in Health and Human Biology
  - Concentration in Marine Biology
  - Concentration in Molecular Biology
- Biology Minor (p. 73)

## Courses

### BIOL 1015 Fundamentals of Biology I 3 Credits

This course, an introductory study of biology for the non-science major, familiarizes students with the general biological principles that govern the activities of all living systems. Concepts include the biochemical origin of life, cellular morphology and physiology, and human genetics. Note: This course counts as a natural science core but does not satisfy requirements for the biology major or minor. Previously BI 0015.

### BIOL 1016 Fundamentals of Biology II 3 Credits

Students examine biological systems, such as the human organism, in detail, with an emphasis on pathophysiology, diversity of life, and evolution. Emphasis varies by instructor. Note: This course counts as a natural science core but does not satisfy requirements for the biology major or minor. Previously BI 0016.

### BIOL 1018 Human Biology: Form and Function 3 Credits

**Attributes:** EDCG Educational Studies Cognate, HSST Health Studies:

Science and Technology

This course, which provides a basic introduction to human anatomy and physiology, examines the major organ systems of the body, focusing on how each system functions and how all systems interact with one another. Genetics, disease and prevention, nutrition, current issues in public health, and environmental health problems that human populations face are discussed. Note: This course counts as a natural science core but does not satisfy requirements for the biology major or minor. Previously BI 0018.

### BIOL 1020 Bioinspiration: Innovation Inspired by Nature 3 Credits

This course introduces topics in Biology which have inspired developments in technology to the non-science major. Special emphasis is placed on ethical and social issues related to the knowledge and application of these technologies. Topics include biomimicry, antibiotics, gene editing, synthetic biology, and more. Through the semester, students will work together to design a bioengineering solution to an existing problem in nature. Note: This course counts as a natural science interdisciplinary core but does not satisfy requirements for the biology major or minor.

**BIOL 1030 Animal Diversity: The Amazing World of Vertebrates 3 Credits**

What's the difference between an alligator and a crocodile? How do sea turtles find their way back to their birthplace after 20 years at sea? Why do some frogs break their own bones? This course is designed for students interested in learning more about the incredible and sometimes weird world of vertebrate biology. Students will learn about the diversity, evolution, behavior, and current conservation issues of vertebrates. Students will gain a broad understanding of the process of science and an appreciation of the diversity of vertebrate life through lectures supplemented by live animal observations and examinations of preserved specimens.

**BIOL 1070 Science, Technology, and Society 3 Credits**

**Attributes:** EDCG Educational Studies Cognate

This course analyzes the major science and technology issues that confront today's society. Through an examination of the underlying science, students gain an understanding of the impact these issues hold for the environment, our natural resources, and our society, including benefit versus hazard expectations. Course issues, which change to incorporate timely topics, include acid rain; agriculture; diseases such as AIDS, cancer, and heart disease; energy; genetic engineering; the greenhouse effect; ozone depletion; and water pollution. Note: This course counts as a natural science core but does not satisfy requirements for the biology major or minor. Previously BI 0070.

**BIOL 1071 Identity and the Human Genome 3 Credits**

**Attributes:** BSCC Black Studies Component Course, BSCC Black Studies: Physical and Natural Sciences, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course introduces human genetics to the non-science major. Topics of discussion include the structure and function of genes, modes of inheritance, gene editing, sex and gender, race, and human genetic diversity. Special emphasis is placed on ethical, legal and social issues related to the knowledge and application of genetic information. Note: This course counts as a natural science core but does not satisfy requirements for the biology major or minor. Previously BI 0071.

**BIOL 1073 Contemporary Nutrition: Food for Thought 3 Credits**

**Attributes:** HSST Health Studies: Science and Technology

This course will introduce non-science majors to the core biological processes of nutrition, and contemporary nutrition concerns related to human growth and well-being throughout life. The course will include material on: food selection and preparation, sensory evaluation, human nutrition, diet analysis, and the relationship between diet and disease. Students will gain the knowledge and skill development necessary to achieve a nutritionally healthy lifestyle. Note: This course counts as a natural science core but does not satisfy requirements for the biology major or minor. Previously BI 0073.

**BIOL 1074 Biology of Food 3 Credits**

**Attributes:** EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective, MSID Magis Core: Interdisciplinary

This course will introduce non-science majors to the biological processes behind the food that we produce and harvest as well as the environmental consequences of our diet choices. This course will include material on: the rise of agriculture, plant and animal growth requirements and life cycles, evolution, and a description and discussion of food organisms in the modern North American diet, techniques of food production, and effects on the environment. Note: This course counts as a natural science core but does not satisfy requirements for the biology major or minor. Previously BI 0074.

**BIOL 1075 Ecology and Society 3 Credits**

**Attributes:** EDCG Educational Studies Cognate, EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective, PJST Peace and Justice Studies This course focuses on environmental issues raised by modern society's conflicting needs for land, water, a livable environment, and renewable/nonrenewable resources. Students examine the available scientific evidence and are encouraged to draw their own conclusions concerning these environmentally sensitive issues, which are presented in lectures, readings, films, and occasional, off-campus field trips (by arrangement). Note: This course counts as a natural science core but does not satisfy requirements for the biology major or minor. Previously BI 0075.

**BIOL 1076 Environmental Science 3 Credits**

**Attributes:** EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective, MSID Magis Core: Interdisciplinary, PJST Peace and Justice Studies

The science of the environment is presented through examination of the interconnections among physical, chemical, and biological fields of inquiry. This course looks at how the global environment is altered by the human population, technology, and production of fuels and food. In this course, students will acquire a scientific understanding of current issues in environmental science and learn to evaluate claims about current environmental problems. Note: This course counts as a natural science core but does not satisfy requirements for the biology or chemistry major or minor. Crosslisted with CHEM 1076. Previously BI 0076.

**BIOL 1078 Introduction to Marine Science 3 Credits**

**Attributes:** EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective

This course introduces the non-science major to the field of oceanography. Topics dealing with the geological, physical, chemical, and biological aspects of science underscore the interdisciplinary nature of world ocean study. Note: This course counts as a natural science core but does not satisfy requirements for the biology major or minor. Previously BI 0078.

**BIOL 1088 Biomedical Science and Society 3 Credits**

**Attributes:** HSST Health Studies: Science and Technology, MSID Magis Core: Interdisciplinary

This core science course will engage students in inquiry-based scientific methodology through exploration of specific topics in biomedical science related to human health and disease. The course will explore four biomedical topics. Each topic will include approaches and contributions from chemistry and mathematics, so students appreciate the inherently interdisciplinary nature of science. The course will cover biomedical concepts, quantitative skills, the collection and analysis of data, and guided activities that utilize approaches from all three fields to address biomedical questions. The societal impact and implications of each topic will also be explored. Previously BI 0088.



**BIOL 1095 Philosophy and Biology of Evolutionary Theory** **3 Credits**  
**Prerequisite:** PHIL 1101.

This course explores the question of evolutionary theory from the perspectives of philosophy and biology. From the biological perspective, the course focuses on genetics, adaptive evolution, neutral evolution, the genetic impact of selection on populations, the origin and maintenance of genetic variation, the importance of development in evolution, and the expression of variation. From the philosophical perspective, the course focuses on evolution as theory and ideology, the critique of the adaptationist program, evolution and contingency, typological versus population thinking, and the developmental systems critique. Note: This course counts as a natural science core but does not satisfy requirements for the biology major or minor. Crosslisted with PHIL 2216. Previously BI 0095.

**BIOL 1096 God and Modern Biology** **3 Credits****Attributes:** CAOT Catholic Studies: Non-Religious Studies

This course introduces students to the dialogue between science and religion with a detailed consideration of recent advances in modern biological research that raise significant religious, theological, and ethical issues. The course emphasizes developing a practical understanding of the scientific method through interactive experiences and lecture material. Students consider how scientific breakthroughs and ideas can influence or be influenced by religious thought through assigned readings and in-class discussion groups and through the historically significant and most recent findings in the areas of evolution, biotechnology, and the neurosciences. Note: This course counts as a natural science core but does not satisfy requirements for the biology major or minor. Previously BI 0096.

**BIOL 1107 Human Anatomy and Physiology I** **4 Credits****Attributes:** HSST Health Studies: Science and Technology**Corequisite:** BIOL 1107L.

Homeostasis is the major theme of this course, with form and function covered together each semester. This course introduces the student to anatomical terminology, homeostasis and feedback control, membrane physiology, and tissues followed by the integumentary, skeletal, muscular, and nervous systems. A strong chemistry background is recommended. Note: This course is not open to biology majors except where required for allied health sciences (chair approval required). Previously BI 0107.

**BIOL 1107L Human Anatomy and Physiology I Lab** **0 Credits****Fee:** \$75 Science Lab Fee**Corequisite:** BIOL 1107.

Laboratory work closely follows the BIOL 1107 lecture and includes microscopic anatomy (histology), use of virtual cadaver (Anatome Table), anatomical models, human skeletons, and dissections for study of gross anatomy, and physiology experiments including muscle recruitment measurements, reflex tests and cranial nerve tests. Previously BI 0107L.

**BIOL 1108 Human Anatomy and Physiology II** **4 Credits****Attributes:** HSST Health Studies: Science and Technology**Corequisite:** BIOL 1108L.**Prerequisite:** BIOL 1107.

Homeostasis is the major theme of this course, with form and function covered together each semester. This course continues with the endocrine, cardiovascular, lymphatic, respiratory, urinary, digestive, and reproductive systems. A strong chemistry background is recommended. Note: This course is not open to biology majors except where required for allied health sciences (chair approval required). Previously BI 0108.

**BIOL 1108L Human Anatomy and Physiology II Lab** **0 Credits****Fee:** \$75 Science Lab Fee**Corequisite:** BIOL 1108.

Laboratory work closely follows the BIOL 1108 lecture and includes microscopic anatomy (histology), use of virtual cadaver (Anatome Table), anatomical models, and dissections for study of gross anatomy, and physiology experiments including blood pressure measurements, blood typing, lung function, and urinalysis. Previously BI 0108L.

**BIOL 1151 Elements of Microbiology** **4 Credits****Prerequisites:** BIOL 1107, CHEM 1184.

This microbiology course for nursing majors examines the structure and function of bacteria, viruses, yeasts, molds, antibiotics, and bacterial genetics as well as the mechanisms of microbial invasion and the body's immunological response. Note: This course is not open to biology majors. Previously BI 0151.

**BIOL 1151L Elements of Microbiology Lab** **0 Credits****Fee:** \$75 Science Lab Fee**BIOL 1171 General Biology I** **4 Credits****Attributes:** HSST Health Studies: Science and Technology, MWID Magis**Core:** Writing in the Discipline**Corequisites:** BIOL 1171L, BIOL 1171P.

This introductory course for biology majors covers the molecular and cellular basis of life, including cell structure and function, cell communication, inheritance, gene expression and regulation, and developmental genetics. Students receive hands-on experience with a broad range of topics and techniques in the accompanying laboratory. Previously BI 0170.

**BIOL 1171L General Biology I Lab** **0 Credits****Fee:** \$75 Science Lab Fee**BIOL 1171P General Biology I PLG** **0 Credits****BIOL 1172 General Biology II** **4 Credits****Attributes:** HSST Health Studies: Science and Technology**Corequisites:** BIOL 1172L, BIOL 1172P.

This introductory course for biology majors covers biochemistry, energy utilization, anatomy and physiology, and the structure and function of plants and animals. Students receive hands-on experience with a broad range of topics and techniques in the accompanying laboratory. Previously BI 0171.

**BIOL 1172L General Biology II Lab** **0 Credits****Fee:** \$75 Science Lab Fee**BIOL 1172P General Biology II PLG** **0 Credits****BIOL 1173 General Biology III** **4 Credits****Corequisite:** BIOL 1173L.

This introductory course for biology majors covers organismal biology with an emphasis on evolution, biological diversity, ecology, and environmental science. Students receive hands-on experience with a broad range of topics and techniques in the accompanying laboratory. Previously BI 0172.

**BIOL 1173L General Biology III Lab** **0 Credits****Fee:** \$75 Science Lab Fee

<b>BIOL 2218 Vertebrate Zoology</b> <b>3 Credits</b> <b>Attributes:</b> EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective <b>Prerequisites:</b> BIOL 1171, BIOL 1172, BIOL 1173. Fish, frogs, flamingos, and ferrets. What unites them? A backbone. This course addresses how these very diverse groups of animals actually relate and differ, in physiology, morphology and behavior. Students will discuss the advantages and disadvantages of being a member of each group, and compare across groups the things that set these groups apart from each other. The course will consist of group discussions based on the required reading in the text, supplemented extensively by direct examples (preserved and live specimens, tissues and samples) showing how the diversity of vertebrates makes them an incredibly interesting group. Previously BI 0218.	<b>BIOL 2261 Genetics</b> <b>4 Credits</b> <b>Attributes:</b> EDCG Educational Studies Cognate <b>Corequisite:</b> BIOL 2261L. <b>Prerequisites:</b> BIOL 1171, BIOL 1172, BIOL 1173. This course offers a comprehensive study of the fundamental principles of classical and molecular genetics. Major topics include transmission (Mendelian) genetics, gene linkage and mapping, fundamentals of molecular biology, molecular approaches to genetic analysis, genetic engineering and recombinant DNA technology, microbial genetics, regulation of gene expression, and genomics. Previously BI 0261.
<b>BIOL 2218L Vertebrate Zoology Lab</b> <b>1 Credit</b> <b>Fee:</b> \$75 Science Lab Fee <b>Corequisite:</b> BIOL 2218. This lab focuses on the development of a vertebrate research project at the Connecticut's Beardsley Zoo, which currently houses over 130 species of animals, a number of which are currently listed as endangered. As a participant in the Species Survival Plan (SSP) program, the zoo's mission is to promote the preservation of such endangered species as well as provide the best possible enclosures for many of the zoo's other residents. You will be engaged in the design, execution, analysis and presentation of research, which will ultimately be used by the Connecticut's Beardsley Zoo to enhance their care and protection of vertebrates. Previously BI 0218L.	<b>BIOL 2261L Genetics Lab</b> <b>0 Credits</b> <b>Fee:</b> \$75 Science Lab Fee <b>BIOL 2262 Human Physiology</b> <b>4 Credits</b> <b>Corequisite:</b> BIOL 2262L. <b>Prerequisites:</b> BIOL 1171, BIOL 1172; BIOL 1173 or PSYC 1610; CHEM 1172. This course considers homeostasis in humans by means of a comprehensive survey of the morphology and physiology of human organ systems. Special emphasis is given to organ systems associated with water and electrolyte balance, respiration, digestion, movement, and neurological control. Previously BI 0262.
<b>BIOL 2251 Human Nutrition</b> <b>3 Credits</b> <b>Attributes:</b> HSST Health Studies: Science and Technology <b>Prerequisites:</b> BIOL 1107, BIOL 1108; or BIOL 1171, BIOL 1172, BIOL 1173. This course offers a comprehensive study of the fundamental principles of human nutrition. The course emphasizes the role diet plays in the prevention of disease and promotion of health. Students will integrate the fundamentals of digestion, absorption, and metabolism as they apply to nutrient intake. Major topics include: weight management as it relates to the physiology, metabolism, and behavioral psychology of energy balance; the nutritional needs of humans at various stages of the life cycle; how scientific evidence has shaped the current dietary guidelines and the food environment. Previously BI 0251.	<b>BIOL 2262L Human Physiology Lab</b> <b>0 Credits</b> <b>Fee:</b> \$75 Science Lab Fee <b>BIOL 2951 Biology Teaching Practicum I</b> <b>1 Credit</b> <b>Prerequisite:</b> Successful completion of the assigned course and laboratory. This series of courses represents opportunities (up to six semesters) for Biology majors to gain experience in teaching practices in the laboratory as classroom setting. Students will be paired with an instructor, and assist in instruction, grading and overall successful running of a laboratory section. Strong prior performance in the laboratory to which the student will be assigned is required. Selection will be made by the biology department, after a general call is put out to all students who may be interested in the opportunity. Enrollment by permission only. Previously BI 0201.
<b>BIOL 2260 Ecology</b> <b>4 Credits</b> <b>Attributes:</b> EDCG Educational Studies Cognate, EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective <b>Corequisite:</b> BIOL 2260L. <b>Prerequisites:</b> BIOL 1173, CHEM 1172. This course is designed as an overview of the science of ecology: the study of interactions between organisms and their environment. The course uses a hierarchical approach to describe organisms, populations, communities, and ecosystems. We discuss the types of questions ecologists ask, and the methods ecologists use to answer questions. Previously BI 0260.	<b>BIOL 2952 Biology Teaching Practicum II</b> <b>1 Credit</b> <b>Prerequisite:</b> Successful completion of the assigned course and laboratory. This series of courses represents opportunities (up to six semesters) for Biology majors to gain experience in teaching practices in the laboratory as classroom setting. Students will be paired with an instructor, and assist in instruction, grading and overall successful running of a laboratory section. Strong prior performance in the laboratory to which the student will be assigned is required. Selection will be made by the biology department, after a general call is put out to all students who may be interested in the opportunity. Enrollment by permission only. Previously BI 0202.
<b>BIOL 2260L Ecology Lab</b> <b>0 Credits</b> <b>Fee:</b> \$75 Science Lab Fee	<b>BIOL 2953 Biology Teaching Practicum III</b> <b>1 Credit</b> <b>Prerequisite:</b> Successful completion of the assigned course and laboratory. This series of courses represents opportunities (up to six semesters) for Biology majors to gain experience in teaching practices in the laboratory as classroom setting. Students will be paired with an instructor, and assist in instruction, grading and overall successful running of a laboratory section. Strong prior performance in the laboratory to which the student will be assigned is required. Selection will be made by the biology department, after a general call is put out to all students who may be interested in the opportunity. Enrollment by permission only. Previously BI 0203.

**BIOL 2954 Biology Teaching Practicum IV****1 Credit**

**Prerequisite:** Successful completion of the assigned course and laboratory.

This series of courses represents opportunities (up to six semesters) for Biology majors to gain experience in teaching practices in the laboratory as classroom setting. Students will be paired with an instructor, and assist in instruction, grading and overall successful running of a laboratory section. Strong prior performance in the laboratory to which the student will be assigned is required. Selection will be made by the biology department, after a general call is put out to all students who may be interested in the opportunity. Enrollment by permission only. Previously BI 0204.

**BIOL 2955 Biology Teaching Practicum V****1 Credit**

**Prerequisite:** Successful completion of the assigned course and laboratory.

This series of courses represents opportunities (up to six semesters) for Biology majors to gain experience in teaching practices in the laboratory as classroom setting. Students will be paired with an instructor, and assist in instruction, grading and overall successful running of a laboratory section. Strong prior performance in the laboratory to which the student will be assigned is required. Selection will be made by the biology department, after a general call is put out to all students who may be interested in the opportunity. Enrollment by permission only. Previously BI 0205.

**BIOL 2956 Biology Teaching Practicum VI****1 Credit**

**Prerequisite:** Successful completion of the assigned course and laboratory.

This series of courses represents opportunities (up to six semesters) for Biology majors to gain experience in teaching practices in the laboratory as classroom setting. Students will be paired with an instructor, and assist in instruction, grading and overall successful running of a laboratory section. Strong prior performance in the laboratory to which the student will be assigned is required. Selection will be made by the biology department, after a general call is put out to all students who may be interested in the opportunity. Enrollment by permission only. Previously BI 0206.

**BIOL 3314 Endocrinology****3 Credits**

**Prerequisites:** BIOL 1173, CHEM 2271.

This course examines the glands of internal secretion and their location, anatomy, and function, including the mechanisms of their secretions and cell signaling importance in the regulation of body functions. Previously BI 0314.

**BIOL 3315 Anatomy: Form and Function****3 Credits**

**Prerequisite:** BIOL 1173.

This course examines the anatomy of animals emphasizing the functional and evolutionary diversity of vertebrates. The course will consist of lectures focused on morphological variation and evolution, readings of the primary literature and anatomical dissections of comparative structures. Previously BI 0315.

**BIOL 3319 Zoology Field Experience****3 Credits**

**Attributes:** EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective, LCEL LACS Minor: Elective

**Prerequisite:** BIOL 2218 or BIOL 3365.

Students will take part in an exciting field-trip experience to Brazil, where they will interact directly with research biologists doing field experiments in the Atlantic coastal rain forest and surrounding ecosystems of Brazil. While in Brazil, students will work in the field collecting data on a particular specialized topic, and work closely with the Brazil research team in analyzing and presenting these data in a scientifically appropriate format. Upon return to Fairfield, the semester will be spent perfecting techniques in data organization, analysis and presentation including a formal paper, poster, and/or talk. Enrollment by permission only. Previously BI 0319.

**BIOL 3319L Zoology Field Experience Lab****3 Credits**

**Attributes:** EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science

**Fee:** \$75 Science Lab Fee

**Prerequisite:** BIOL 2218 or BIOL 3365.

Students will take part in an exciting field-trip experience to Brazil, where they will interact directly with research biologists doing field experiments in the Atlantic coastal rain forest and surrounding ecosystems of Brazil. While in Brazil, students will work in the field collecting data on a particular specialized topic, and work closely with the Brazil research team in analyzing and presenting these data in a scientifically appropriate format. Upon return to Fairfield, the semester will be spent perfecting techniques in data organization, analysis and presentation including a formal paper, poster, and/or talk. Enrollment by permission only. Previously BI 0319L.

**BIOL 3323L Biochemistry Lab****1 Credit**

**Fee:** \$75 Science Lab Fee

**Corequisite:** BIOL 3324 or BIOL 3325.

This course will investigate classic and most current methodology used in biochemistry. A semester project will be used to introduce techniques used in biochemistry to investigate the structure and function of a protein. In characterizing this protein, the analysis of DNA, lipids and carbohydrates will also be covered. Crosslisted with CHEM 3323L. Previously BI 0323L.

**BIOL 3324 Biochemistry I****3 Credits**

**Prerequisite:** CHEM 2272.

This course will investigate the fundamentals of life: chemistry. The structures and functions of biomolecules, including proteins, DNA, RNA, lipids, and carbohydrates will be covered in depth. The concepts behind biological processes will be discussed, including enzyme kinetics and regulatory strategies, membrane functions, signal transduction, and an overview of metabolism. Crosslisted with CHEM 3324. Previously BI 0324.

**BIOL 3325 Biochemistry II****3 Credits**

**Prerequisite:** CHEM 2272.

This course focuses on the regulation of metabolic pathways involved in the synthesis, breakdown, and interconversion of biochemical intermediates that are fundamental to all life. Basic principles of biological thermodynamics will be highlighted in order to understand the processes by which living cells obtain and utilize energy. Students will develop an understanding of basic biomedical principles in the context of overall cell function. This course cannot be taken as a biology block elective if BIOL 3330 has been taken previously. Crosslisted with CHEM 3325. Previously BI 0325.

<b>BIOL 3327 Cell Biology</b>	<b>4 Credits</b>	<b>BIOL 3352L Fundamentals of Microbiology Lab</b>	<b>0 Credits</b>
<b>Attributes:</b> EDCG Educational Studies Cognate		<b>Fee:</b> \$75 Science Lab Fee	
<b>Corequisite:</b> BIOL 3327L.		<b>BIOL 3354 Molecular Biology</b>	<b>3 Credits</b>
<b>Prerequisites:</b> BIOL 1173, CHEM 2272.		<b>Prerequisites:</b> BIOL 1172, CHEM 2272.	
This course focuses on the structure and function of eukaryotic cells. Students explore the relationship between gene expression and protein synthesis, and discuss how different proteins coordinate a complex array of important biological tasks in the cell. The course covers the biochemical interactions that occur within and between cells that sustain viability and mediate cell communication. Topics include gene expression and protein production, enzyme structure/function, protein to protein interactions, cytoskeleton and extracellular matrix, mechanisms of transport, signal transduction, cell cycle, and apoptosis. Laboratories include analysis of cell morphology, RNA and protein expression, and assays to study the growth, differentiation, and death of eukaryotic cells in response to their environment. Previously BI 0327.		This introduction to molecular biology examines protein structure, DNA structure, RNA structure, the roles of DNA and RNA in protein synthesis, and the replication and repair of DNA and RNA in eukaryotic and prokaryotic cells. Relates the effects of mutations to DNA, RNA, and proteins. Previously BI 0354.	
<b>BIOL 3327L Cell Biology Lab</b>	<b>0 Credits</b>	<b>BIOL 3356 Immunology</b>	<b>3 Credits</b>
<b>Fee:</b> \$75 Science Lab Fee		<b>Prerequisites:</b> BIOL 1172, CHEM 2272.	
<b>BIOL 3330 Nutrient Metabolism</b>	<b>3 Credits</b>	This introduction to immunology covers the humoral and cellular basis of immune response, emphasizing antigens, the structure and function of immunoglobulins, antibody formation, and living/experimental manifestations of the immune response. Previously BI 0356.	
<b>Prerequisites:</b> BIOL 1173, CHEM 2272.		<b>BIOL 3357 General Virology</b>	<b>3 Credits</b>
This course is designed to provide students with an in-depth understanding of nutrient metabolism in humans. This course will examine the digestion, absorption, and metabolism of macronutrients: carbohydrate, lipid and protein, in addition to the essential biological functions of vitamins and minerals. The emphasis of this course will be on the interrelationship and control of nutrient utilization by various organ systems in the body, building upon principles of human physiology and biochemistry. This course cannot be taken as a biology block elective if BIOL 3325 has been taken previously. Previously BI 0330.		<b>Prerequisite:</b> BIOL 1172.	
<b>BIOL 3342 Developmental Biology</b>	<b>4 Credits</b>	This introductory course covers the field of virology, with a special emphasis on animal viruses. Coverage centers on the physical, biochemical, and biological aspects of bacteriophages and animal viruses. Discussion stresses viral morphology; replication and assembly; pathogenesis of viral infections; and the epidemiology, prevention, and control of viral diseases. Previously BI 0357.	
<b>Attributes:</b> EDCG Educational Studies Cognate		<b>BIOL 3362 Marine Invertebrate Zoology</b>	<b>4 Credits</b>
<b>Corequisite:</b> BIOL 3342L.		<b>Attributes:</b> EDCG Educational Studies Cognate	
<b>Prerequisite:</b> BIOL 1173.		<b>Corequisite:</b> BIOL 3362L.	
This course explores how the transition from a single-celled, fertilized egg to a multicellular animal is accomplished, emphasizing the dynamic interactions that occur on the molecular level to tightly control developmental processes. Topics include mechanisms of cell fate and differentiation, the molecular basis of differential gene expression, analysis of the molecular cues regulating body axis formation, and the development of various specific structures in different experimental organisms. The laboratory for the course consists of experiments that focus on the influence of gene function on development. We will do experiments that allow us to observe expression patterns of important genes in development and we will study the effects of perturbing gene function during development. Previously BI 0342.		<b>Prerequisite:</b> BIOL 1173.	
<b>BIOL 3342L Developmental Biology Lab</b>	<b>0 Credits</b>	Students study the phylogeny, ecology, morphology, and physiology of the major marine invertebrate groups with emphasis on local fauna. The laboratory component includes field trips to various habitats in Long Island Sound to collect specimens for identification and study. Previously BI 0362.	
<b>Fee:</b> \$75 Science Lab Fee		<b>BIOL 3362L Marine Invertebrate Zoology Lab</b>	<b>0 Credits</b>
<b>BIOL 3352 Fundamentals of Microbiology</b>	<b>4 Credits</b>	<b>Fee:</b> \$75 Science Lab Fee	
<b>Attributes:</b> EDCG Educational Studies Cognate		<b>BIOL 3364 Freshwater Ecology</b>	<b>4 Credits</b>
<b>Corequisite:</b> BIOL 3352L.		<b>Attributes:</b> EDCG Educational Studies Cognate, EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective	
<b>Prerequisites:</b> BIOL 2261, CHEM 2272.		<b>Corequisite:</b> BIOL 3364L.	
This comprehensive introduction to microbiology includes microbial cell structure, physiology, genetics, evolution and taxonomy, diversity, ecology, and applied microbiology. Lab sessions introduce microbiological techniques (aseptic technique, microscopy, bacterial staining, culture techniques), and other research methods. Students use skills acquired in the lab to design and conduct independent investigations. Previously BI 0352.		<b>Prerequisite:</b> BIOL 1173.	
		Students learn the applied and theoretical concepts of the field of ecology using examples from freshwater aquatic systems. In the laboratory, students learn the major groups of organisms present in aquatic systems and conduct experiments involving ecological concepts such as predation and competition. Previously BI 0364.	
		<b>BIOL 3364L Freshwater Ecology Lab</b>	<b>0 Credits</b>
		<b>Fee:</b> \$75 Science Lab Fee	



**BIOL 3365 Evolutionary Biology****4 Credits****Attributes:** EDCG Educational Studies Cognate**Corequisite:** BIOL 3365L.**Prerequisite:** BIOL 1173.

The course begins with an examination of the intellectual origins of biological thought and includes a study of the historical factors that contributed to Charles Darwin's development of the theory of evolution. Topics include the evidence for evolution, the forces affecting evolution (e.g., mutation, migration, genetic drift, and selection), and natural selection as the basis of adaptation, as well as the philosophical and practical aspects of defining species and reconstructing phylogenetic relationships. Students critique (individually and in groups) current papers in evolutionary biology on topics such as punctuated equilibrium theory, Darwinian medicine, human origins, co-evolutionary arms races, systematics and biodiversity, and the evolution of sex. Previously BI 0365.

**BIOL 3365L Evolutionary Biology Lab****0 Credits****Fee:** \$75 Science Lab Fee**BIOL 3366 Ornithology****4 Credits****Attributes:** EDCG Educational Studies Cognate, EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective**Corequisite:** BIOL 3366L.**Prerequisite:** BIOL 1173.

This upper-level lecture, laboratory, and field course on avian biology has an emphasis on ecology and evolution. The course familiarizes students with the staggering diversity of birds and the adaptations that have contributed to their success. The laboratory focuses on unique adaptations of birds and means of identification of birds found in Connecticut through weekly field trips. Previously BI 0366.

**BIOL 3366L Ornithology Lab****0 Credits****Fee:** \$75 Science Lab Fee**BIOL 3372 Environmental Toxicology****4 Credits****Attributes:** EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective**Corequisite:** BIOL 3372L.**Prerequisites:** BIOL 1173, CHEM 2272.

Environmental toxicology is the study of the nature, properties, effects and detection of toxic substances in the environment and in any environmentally exposed species, including humans. Fundamental toxicological concepts will be covered including dose-response relationships, absorption of toxicants, distribution and storage of toxicants, biotransformation and elimination of toxicants, target organ toxicity, teratogenesis, mutagenesis, carcinogenesis, and risk assessment. The course will include an overview of chemodynamics of contaminants in the environment including fate and transport. The effects of these contaminants will then be explored on a series of scales: the molecular level (biochemical pathways of metabolism and detoxification); the organismal level (target organs, behavioral effects); and the ecosystem level (nutrient cycling and ecosystem services). Previously BI 0372.

**BIOL 3372L Environmental Toxicology Lab****0 Credits****Fee:** \$75 Science Lab Fee**BIOL 4971 Biology Research I****1-3 Credits**

This course requires a research thesis involving laboratory investigation. Seniors and qualified juniors obtain the consent of the professor supervising their research interest area prior to registering for this program. Past topics include aquatic ecology, bacterial ecology and physiology, biochemistry, cell-wall biosynthesis, evolution of marine invertebrates, genetic regulation of animal development, mammalian physiology, plant biostimulants, plant/insect ecology, population and disease dynamics of shellfish, and signal transduction/gene regulations. Previously BI 0391.

**BIOL 4972 Biology Research II****1-3 Credits**

This course requires a research thesis involving laboratory investigation. Seniors and qualified juniors obtain the consent of the professor supervising their research interest area prior to registering for this program. Past topics include aquatic ecology, bacterial ecology and physiology, biochemistry, cell-wall biosynthesis, evolution of marine invertebrates, genetic regulation of animal development, mammalian physiology, plant biostimulants, plant/insect ecology, population and disease dynamics of shellfish, and signal transduction/gene regulations. Previously BI 0392.

**BIOL 4973 Biology Research III****1-3 Credits**

This course requires a research thesis involving laboratory investigation. Seniors and qualified juniors obtain the consent of the professor supervising their research interest area prior to registering for this program. Past topics include aquatic ecology, bacterial ecology and physiology, biochemistry, cell-wall biosynthesis, evolution of marine invertebrates, genetic regulation of animal development, mammalian physiology, plant biostimulants, plant/insect ecology, population and disease dynamics of shellfish, and signal transduction/gene regulations. Previously BI 0393.

**BIOL 4974 Biology Research IV****1-3 Credits**

This course requires a research thesis involving laboratory investigation. Seniors and qualified juniors obtain the consent of the professor supervising their research interest area prior to registering for this program. Past topics include aquatic ecology, bacterial ecology and physiology, biochemistry, cell-wall biosynthesis, evolution of marine invertebrates, genetic regulation of animal development, mammalian physiology, plant biostimulants, plant/insect ecology, population and disease dynamics of shellfish, and signal transduction/gene regulations. Previously BI 0394.

**BIOL 4975 Biology Research V****1-3 Credits**

This course requires a research thesis involving laboratory investigation. Seniors and qualified juniors obtain the consent of the professor supervising their research interest area prior to registering for this program. Past topics include aquatic ecology, bacterial ecology and physiology, biochemistry, cell-wall biosynthesis, evolution of marine invertebrates, genetic regulation of animal development, mammalian physiology, plant biostimulants, plant/insect ecology, population and disease dynamics of shellfish, and signal transduction/gene regulations. Previously BI 0395.

**BIOL 4976 Biology Research VI****1-3 Credits**

This course requires a research thesis involving laboratory investigation. Seniors and qualified juniors obtain the consent of the professor supervising their research interest area prior to registering for this program. Past topics include aquatic ecology, bacterial ecology and physiology, biochemistry, cell-wall biosynthesis, evolution of marine invertebrates, genetic regulation of animal development, mammalian physiology, plant biostimulants, plant/insect ecology, population and disease dynamics of shellfish, and signal transduction/gene regulations. Previously BI 0396.

**BIOL 4981 Internship****1-3 Credits****Prerequisite:** Junior standing.

Internships are available to biology majors in good academic standing, subject to individual arrangement, for students interested in allied health, environmental science, marine science, medicine, dentistry, biotechnology, and emergency medicine. Students provide their own transportation and must discuss their internships with the department chair and obtain consent of the supervising professor prior to registering for this course. Previously BI 0397.

**BIOL 4982 Internship****1-3 Credits****Prerequisite:** Junior standing.

Internships are available to biology majors in good academic standing, subject to individual arrangement, for students interested in allied health, environmental science, marine science, medicine, dentistry, biotechnology, and emergency medicine. Students provide their own transportation and must discuss their internships with the department chair and obtain consent of the supervising professor prior to registering for this course. Previously BI 0398.

**BIOL 4990 Independent Study****3 Credits**

This course requires library research and the writing of a scholarly paper on a special topic. Students discuss topics with and must obtain consent from an appropriate professor prior to registration. Previously BI 0296.

**BIOL 4999 Capstone Seminar (Shell)****3 Credits**

During the capstone experience, students connect the diverse experience and knowledge they have acquired as biology majors, focusing these skills on examining in depth, a specific topic. In a small class setting (10-12 students maximum), students and the professor delve deeply into the chosen topic, assessing the peer-reviewed literature and most current trends around the particular subject. Students bring their breadth of knowledge to the discussion, and apply what they have learned over the course of their academic training to critically analyze the arguments and experiments presented in the literature. In most cases, students will be responsible for presenting a paper to the class, driving the content of discussion and debate with their fellow students and instructor. The capstone is a reading extensive experience, and by definition, shows that the biology major is able to synthesize and apply their knowledge to examine interesting questions. To maximize the value of the capstone experience, students enroll in an upper-level seminar course during their senior year. Previously BI 0399.

**BIOL 4999A Senior Capstone Seminar: Biology of Cancer****3 Credits****Attributes:** BICP Biology Major Capstone Course**Prerequisites:** BIOL 1173, one course from the Molecular Block, senior standing.

This seminar requires students to draw on nearly all of their training as biology majors to understand the disease of cancer in great detail. Topics include the genetic/cellular basis for the disease, physiological effects of tumor progression and metastasis, environmental influences, treatment modalities, and the personal, familial and societal impacts of the disease. Students read extensively for the course and summarize and formally present current research in the field in an effort to develop their scientific communication skills. Numerous short reviews of research articles are also produced by students.

**BIOL 4999B Senior Capstone Seminar: Molecular Mechanisms of Human Disease****3 Credits****Attributes:** BICP Biology Major Capstone Course**Prerequisites:** BIOL 1173, one course from the Molecular Block, senior standing.

This seminar covers the molecular and cellular events that underlie complex human diseases. Students learn to critically analyze and interpret primary literature on the molecular aspects of such diseases as cancer, diabetes, heart disease, Alzheimer's, and AIDS. Students summarize and present selected articles at each meeting and use these acquired skills to investigate a particular topic of their choice in the form of a grant proposal for their final project.

**BIOL 4999C Senior Capstone Seminar: Bacterial Pathogenesis****3 Credits****Attributes:** BICP Biology Major Capstone Course**Prerequisites:** BIOL 1173, one course from the Molecular Block, senior standing.

This seminar examines the role of prokaryotes in disease, with an emphasis on the genetics and physiology of disease mechanisms. Topics include aspects of the human immune response, host-parasite relationships, and the epidemiology and evolution of infectious disease.

**BIOL 4999D Senior Capstone Seminar: Nutritional Epigenetics****3 Credits****Attributes:** BICP Biology Major Capstone Course**Prerequisites:** BIOL 1173, one course from the Molecular or Physiology Block, senior standing.

This seminar will cover emerging topics in nutritional epigenetics: the mechanisms by which nutrients regulate gene expression. Emphasis will be placed on genes regulated by essential dietary compounds (e.g. carbohydrates, lipids, vitamins and minerals) within the context of conditions such as cardiovascular disease, diabetes and cancer. Students will analyze and present scientific literature and write a grant proposal.

**BIOL 4999E Senior Capstone Seminar: Reproductive Tactics****3 Credits****Attributes:** BICP Biology Major Capstone Course**Prerequisites:** BIOL 1173, one course from the Physiology Block, senior standing.

This seminar explores the ways animals have evolved creative mechanisms, physiological and behavioral, to maximize their reproductive success. Topics will include mate choice and sexual conflict, paternity, variability in reproductive anatomy, mechanisms for successful fertilization, sperm competition, and sperm choice. Course format: A reading extensive course. Students will read from a source text for foundation ideas, then will each find and present to the entire class, scientific research papers from the primary literature.

**BIOL 4999F Senior Capstone Seminar: Coral Reef Ecology****3 Credits****Attributes:** BICP Biology Major Capstone Course, EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective**Prerequisites:** BIOL 1173, one course from the Ecology Block, senior standing.

Students study the complex ecological relationships found in coral reef ecosystems. Topics include discussions of reef development, coral symbiosis and growth, reef trophic dynamics, ecology and behavior of coral reef fish and invertebrates, and effects of natural and human disturbance on coral reef communities. Course format: seminar in which students read, analyze, and present scientific research papers from the primary literature.

**BIOL 4999G Senior Capstone Seminar: Ecology of the North Atlantic Coast 3 Credits****Attributes:** BICP Biology Major Capstone Course**Prerequisites:** BIOL 1173, one course from the Ecology Block, senior standing.

This seminar examines the processes that generate ecological patterns in North Atlantic coastal ecosystems with a focus on the ecology of salt marshes, tidal rivers, sandy beaches, and rocky shores, and the human impact on these systems. The course centers on student-led discussions of readings from scientific literature.

**BIOL 4999H Senior Capstone Seminar: Principles of Aquaculture 3 Credits****Attributes:** BICP Biology Major Capstone Course**Prerequisites:** BIOL 1173, one course from the Ecology Block, senior standing.

This seminar introduces students to the rapidly-growing science of aquaculture or fish farming. Using a comprehensive approach, the course includes discussions of the following topics: historical development, culture and rearing techniques, diseases, regulations, and permitting and marketing of aquatic plants and animals. Course format: seminar in which students read, analyze, and present scientific and technical papers from the primary literature. Field trips to nearby aquaculture facilities may be included.

**BIOL 4999I Senior Capstone Seminar: Topics in Evolutionary Biology 3 Credits****Attributes:** BICP Biology Major Capstone Course**Prerequisites:** BIOL 1173, one course from the Ecology Block, senior standing.

Evolution is the theme that unites all fields of biology. The broad objective of this course is to encourage students to integrate all the knowledge they have acquired as a biology major to critically interpret and analyze questions from an evolutionary perspective. In this seminar, we will read and discuss the current literature on major evolutionary topics, which have revolutionized the way in which we think about genomics, sex and reproduction, and our own human beginnings. We will also address important contemporary but controversial topics such as evolutionary medicine and evolutionary psychology. The course centers on student led discussions, presentations and literature critiques.

**BIOL 4999J Senior Capstone Seminar: Pathophysiology of Bone and Cartilage 3 Credits****Attributes:** BICP Biology Major Capstone Course**Prerequisites:** BIOL 1173, one course from the Physiology Block, senior standing.

This seminar will focus on the biochemistry and physiology of human bone and cartilage. Emphasis will be placed on the normal development and healing of these tissues along with an introduction to common skeletal tissue disorders such as osteoporosis and arthritis. Students will be expected to analyze and present scientific literature while integrating the material with basic knowledge acquired from previous courses.

**BIOL 4999K Senior Capstone Seminar: Ichthyology 3 Credits****Attributes:** BICP Biology Major Capstone Course**Prerequisites:** BIOL 1173, one course from the Physiology Block, senior standing.

This seminar will explore the diversity of fishes, the largest group of vertebrates. Topics for discussion will include feeding, locomotion, metabolism, and sensory systems of fishes. Students will analyze and present scientific literature and write a grant proposal.

**BIOL 4999M Senior Capstone Seminar: Conservation Biology 3 Credits****Attributes:** BICP Biology Major Capstone Course, EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective**Prerequisites:** BIOL 1173, one course from the Ecology Block, senior standing.

Conservation biology is focused on scientific investigation of the maintenance, loss, and restoration of biodiversity. It relies on biological principles (from disciplines such as population genetics, biogeography, and community ecology) applied in the context of human-modified environments. In this seminar, students will read and discuss the primary literature in this field and gain an appreciation of the linkages of conservation problems across biological scales (genes to ecosystems) and geographical scales (local to global). Students will also prepare a review of research on a current conservation issue, and will practice with conservation planning and management tools.

## Faculty

### Professors

Braun

Klug

Phelan, *Chair and Director, School of Natural and Behavioral Sciences and Mathematics*

Walker

### Associate Professors

Andersen

Biardi, *Director, Environmental Studies*Byun, *Graduate School Advisor*

Fernandez

Gerry

Harriott, *Education Advisor*

Osier

Sauer, G

### Assistant Professors

Church, *Director, Health Studies Minor; Health Professions Advisor*

Counsell

Maswood (visiting)

### Instructors of the Practice

DeCristofaro

Earls

Rodriguez

### Lecturers

Clark

Cunningham

Date

Dutta

Fine, B.

George

Hudson

Muthukumarana

Stoehr

Zavras

## Professors Emeriti

Brousseau  
Hodgkinson  
Poincelot

## Biology Major

### Requirements

### Biology Major Requirements

For a 67-credit to 71-credit major in biology, students complete the following:

Code	Title	Credits
BIOL 1171 & 1171L	General Biology I and General Biology I Lab	4
BIOL 1172 & 1172L	General Biology II and General Biology II Lab	4
BIOL 1173 & 1173L	General Biology III and General Biology III Lab	4
BIOL 4999	Capstone Seminar (Shell)	3
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	4
MATH 1121 or MATH 1171	Applied Calculus I Calculus I	3-4
MATH 1122 or MATH 1172 or MATH 2217	Applied Calculus II Calculus II Statistics I	3-4
PHYS 1145 & 1145L	General Physics for Life Sciences I and General Physics for Life Sciences I Lab	4
PHYS 1146 & 1146L	General Physics for Life Sciences II and General Physics for Life Sciences II Lab	4
Biology Block Electives <sup>1</sup>		22-24
Total Credits		67-71

<sup>1</sup> Various upper-level courses may be double-counted toward the departmental concentrations in evolution, ecology and biodiversity, health and human biology, marine science or molecular biology

### Biology Block Electives and Additional Requirements

After completion of the General Biology sequence (BIOL 1171, BIOL 1172, BIOL 1173), a minimum of six biology courses and a capstone experience (described below) are required. To ensure breadth of exposure, at least one course must be taken from each of the following three blocks. The three remaining biology course electives may be any 200- or 300-level courses listed below. Four of the six courses taken during the sophomore

(second semester) through senior years must include a laboratory component.

Code	Title	Credits
<b>Molecular, Cell, and Developmental Biology Block</b>		
BIOL 2261	Genetics	4
BIOL 3327	Cell Biology	4
BIOL 3342	Developmental Biology	4
BIOL 3352	Fundamentals of Microbiology	4
BIOL 3354	Molecular Biology	3
BIOL 3357	General Virology	3
<b>Biochemistry and Physiology Block</b>		
BIOL 1107 & BIOL 1108	Human Anatomy and Physiology I and Human Anatomy and Physiology II <sup>2</sup>	8
BIOL 2251	Human Nutrition	3
BIOL 2262	Human Physiology	4
BIOL 3314	Endocrinology	3
BIOL 3315	Anatomy: Form and Function	3
BIOL 3324	Biochemistry I	3
BIOL 3325	Biochemistry II	3
BIOL 3330	Nutrient Metabolism	3
BIOL 3356	Immunology	3
<b>Ecology, Evolution, and Environmental Science Block</b>		
BIOL 2218	Vertebrate Zoology	3
BIOL 2260	Ecology	4
BIOL 3319	Zoology Field Experience	3
BIOL 3362	Marine Invertebrate Zoology	4
BIOL 3364	Freshwater Ecology	4
BIOL 3365	Evolutionary Biology	4
BIOL 3366	Ornithology	4
BIOL 3372	Environmental Toxicology	4

<sup>2</sup> BIOL 1107 and BIOL 1108 may be taken by students pursuing allied health programs, where this course is required. This full-year sequence will count as one Biochemistry and Physiology block upper-level course with lab; however, they *cannot* count for the major if BIOL 2262 Human Physiology has been taken previously and will instead be recorded as extra biology electives. Permission of the department chair is required.

The choice of block electives, advanced biology electives, and general electives inside or outside the department varies according to a student's career objective and interest. Students make their choices after consultation with appropriate department advisors. Students interested in molecular biology may, for example, take advanced courses to fulfill a concentration in molecular biology.

Students interested in graduate, medical, dental, or allied health schools may select electives that meet the requirements for admission to graduate or professional schools. Students interested in science writing or teaching in biology may choose to earn minors in English or education.

### Capstone Seminar

During their capstone experience, students connect the diverse experience and knowledge they have acquired as biology majors, focusing these skills on examining in depth, a specific topic. In a small class setting (10-12 students maximum), students and the professor



delve deeply into the chosen topic, assessing the peer-reviewed literature and most current trends around the particular subject. Students bring their breadth of knowledge to the discussion, and apply what they have learned over the course of their academic training to critically analyze the arguments and experiments presented in the literature. In most cases, students will be responsible for presenting a paper to the class, driving the content of discussion and debate with their fellow students and instructor. The capstone is a reading intensive experience, and, by definition, shows that the biology major is able to synthesize and apply their knowledge to examine interesting questions. Students enroll in this capstone seminar course (BIOL 4999) during their senior year. See course descriptions (p. 62) for topics.

## Research and Internship Experience

Faculty research specializations provide opportunities for qualified students to participate in laboratory research, field research or library investigations in their chosen interest areas under a professor's guidance. Internships at off-campus institutions can also be arranged for qualified students. These opportunities expand and enhance the biology program's numerous possibilities for individualization.

Students intending to continue their studies in graduate school should consider participating in two or more terms of research. All on-campus research experiences require pre-arrangement with a faculty research advisor.

Off-campus research or internship experiences require an on-campus faculty mentor and approval from the department chair or internship director. Prior consultation is required to assure that the particular activity meets the requirements of the biology major curriculum.

The following research and internship experiences are extra courses and do not count towards the biology major degree requirements:

Code	Title	Credits
BIOL 4971	Biology Research I	1-3
BIOL 4972	Biology Research II	1-3
BIOL 4973	Biology Research III	1-3
BIOL 4974	Biology Research IV	1-3
BIOL 4975	Biology Research V	1-3
BIOL 4976	Biology Research VI	1-3
BIOL 4981	Internship	1-3
BIOL 4982	Internship	1-3

## Biology Major with a Concentration in Evolution, Ecology, and Biodiversity

This concentration is intended for the cohort of students interested in pursuing academic and career paths in evolution, ecology, or conservation biology. Interested students should consult with Dr. Tod Osier for advisement and completion of appropriate paperwork.

As part of the six electives noted, students take four courses in the following areas:

Code	Title	Credits
BIOL 2260	Ecology	4
BIOL 3365	Evolutionary Biology	4
Select one biodiversity course from the following:		3-4
BIOL 2218	Vertebrate Zoology	

BIOL 3362	Marine Invertebrate Zoology	
BIOL 3366	Ornithology	
Select one capstone course related to a topic in ecology, evolutionary biology, or conservation/diversity, or any other Ecology, Evolution, and Environmental Science Block course		3-4
Total Credits		14-16

## Biology Major with a Concentration in Health and Human Biology

This concentration may be of interest to pre-health students, most of whom already select this set of courses as prerequisites or highly recommended courses for post-graduate programs (i.e. medicine, dentistry, veterinary science, pharmacy, physical therapy, physician's assistant, etc). Interested students should consult with Dr. Anita Fernandez for advisement and completion of appropriate paperwork.

As part of the six electives noted, students take four courses in the following areas:

Code	Title	Credits
Select one course in physiology:		3-4
BIOL 1107	Human Anatomy and Physiology I	
BIOL 1108	Human Anatomy and Physiology II	
BIOL 2262	Human Physiology	
BIOL 3314	Endocrinology	
BIOL 3315	Anatomy: Form and Function	
Select one course in metabolism:		3
BIOL 3324	Biochemistry I	
BIOL 3325	Biochemistry II	
BIOL 3330	Nutrient Metabolism	
Select one course in cell biology or genetics:		4
BIOL 2261	Genetics	
BIOL 3327	Cell Biology	
Select one course in immunity and infection:		3-4
BIOL 3352	Fundamentals of Microbiology	
BIOL 3356	Immunology	
BIOL 3357	General Virology	
Total Credits		13-15

## Biology Major with a Concentration in Marine Science

As part of the six electives noted, students take four courses from the marine sciences biology block. Interested students should consult with Dr. Diane Brousseau for advisement and completion of appropriate paperwork.

Code	Title	Credits
Select four courses from the following:		12
BIOL 1078	Introduction to Marine Science	
BIOL 3362	Marine Invertebrate Zoology	
BIOL 4971	Biology Research I	
BIOL 4972	Biology Research II	
BIOL 4973	Biology Research III	
BIOL 4974	Biology Research IV	

BIOL 4975	Biology Research V	
BIOL 4976	Biology Research VI	
BIOL 4981	Internship	
BIOL 4982	Internship	
BIOL 4999F	Senior Capstone Seminar: Coral Reef Ecology	
	or BIOL 4999S Senior Capstone Seminar: Ecology of the North Atlantic Coast	
	or BIOL 4999S Senior Capstone Seminar: Principles of Aquaculture	
Total Credits		12

## Biology Major with a Concentration in Molecular Biology

As part of the six electives noted, students take four courses from the molecular, cell, and developmental biology block. BIOL 3325 Biochemistry II and BIOL 3356 Immunology may also be accepted. Interested students should consult with Dr. Phyllis Braun for advisement and completion of appropriate paperwork.

## Biology Major with a Minor in Educational Studies and the Five-Year Teacher Education Program

Biology majors who elect a minor in Educational Studies and who have been admitted to the 5-year Integrated Bachelors-Masters Degree and Teacher Certification program should consult with Dr. Olivia Harriott, education advisor, and Dr. Ryan Colwell, director of the 5-year certificate program, to ensure that appropriate thought and reflection on their choices for upper division biology curriculum be made in assuring the best outcome for this unique 5-year program.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

### Plan of Study

## Biology Major

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL 1171 & 1171L	General Biology I and General Biology I Lab	4
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
MATH 1121 or MATH 1171	Applied Calculus I or Calculus I	3-4
Core Curriculum Courses		6
Credits		17-18
<b>Spring</b>		
BIOL 1172 & 1172L	General Biology II and General Biology II Lab	4

CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4
MATH 1122 or MATH 1172 or MATH 2217	Applied Calculus II or Calculus II or Statistics I	3-4
Core Curriculum Courses		6
Credits		17-18

### Second Year

#### Fall

BIOL 1173 & 1173L	General Biology III and General Biology III Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
Core Curriculum Courses		9
Credits		17

#### Spring

CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	4
Biology Block Elective <sup>1</sup>		3-4
Core Curriculum Courses		9
Credits		16-17

### Third Year

PHYS 1145 & 1145L	General Physics for Life Sciences I and General Physics for Life Sciences I Lab (Fall)	4
PHYS 1146 & 1146L	General Physics for Life Sciences II and General Physics for Life Sciences II Lab (Spring)	4
Biology Block Electives <sup>1</sup>		6-8
Biology Electives <sup>1,2</sup>		3-4
Core Curriculum Courses		9
General Electives <sup>1</sup>		3
Credits		29-32

### Fourth Year

BIOL 4999	Capstone Seminar (Shell)	3
Biology Electives <sup>1,2</sup>		3-4
Core Curriculum Courses		12
General Electives <sup>1</sup>		12-16
Credits		30-35
Total Credits		126-137

- <sup>1</sup> The sequence for biology block electives and general electives shown here are only suggestions. You may arrange them differently.
- <sup>2</sup> Various upper-level courses may be double-counted toward the departmental concentrations in molecular biology or marine science.

## Biology Minor

### Requirements

For an 18-20 credit minor in biology, students complete the following:

Code	Title	Credits
BIOL 1171 & 1171L	General Biology I and General Biology I Lab	4

BIOL 1172 & 1172L	General Biology II and General Biology II Lab	4
BIOL 1173 & 1173L	General Biology III and General Biology III Lab	4
Select two 3- or 4-credit biology courses numbered 2000 or greater from the biology block electives.		6-8
Total Credits		18-20

Double counting is not allowed.

*Please note that many upper level biology courses require four semesters of Chemistry as prerequisites.*

## Biology Block Electives

Code	Title	Credits
<b>Molecular, Cell, and Developmental Biology Block</b>		
BIOL 2261	Genetics	4
BIOL 3327	Cell Biology	4
BIOL 3342	Developmental Biology	4
BIOL 3352	Fundamentals of Microbiology	4
BIOL 3354	Molecular Biology	3
BIOL 3357	General Virology	3
<b>Biochemistry and Physiology Block</b>		
BIOL 1107	Human Anatomy and Physiology I	4
BIOL 1108	Human Anatomy and Physiology II	4
BIOL 2251	Human Nutrition	3
BIOL 2262	Human Physiology	4
BIOL 3314	Endocrinology	3
BIOL 3315	Anatomy: Form and Function	3
BIOL 3324	Biochemistry I	3
BIOL 3325	Biochemistry II	3
BIOL 3330	Nutrient Metabolism	3
BIOL 3356	Immunology	3
<b>Ecology, Evolution, and Environmental Science Block</b>		
BIOL 2218	Vertebrate Zoology	3
BIOL 2260	Ecology	4
BIOL 3319	Zoology Field Experience	3
BIOL 3362	Marine Invertebrate Zoology	4
BIOL 3364	Freshwater Ecology	4
BIOL 3365	Evolutionary Biology	4
BIOL 3366	Ornithology	4
BIOL 3372	Environmental Toxicology	4

## Black Studies

Black Studies is an interdisciplinary field that explores Africa and the African Diaspora (the global dispersion of people of African ancestry), including the Americas, Britain, and Europe. Thus, African Americans, Afro Caribbeans, Afro Asians, Afro Latinos, and Afro Europeans are among those whose histories and contributions are included in Black Studies. As an interdisciplinary program, Black Studies is devoted to scholarship on the histories, political and cultural movements, institution-building, and identities of people of African ancestry. It includes the exploration of the rich cultural heritage, legacy of resistance to oppressive structures, and unique perspectives on human rights supplied by peoples of African descent. The Black Studies curriculum includes courses in the

humanities, social sciences, and natural sciences to provide students with an understanding of the far-reaching impacts of race and ethnicity across continents. By engaging in a comparative and theoretical examination of Africa and the African Diaspora, students will be equipped to undertake an interdisciplinary scholarly analysis of various complex global questions.

## Programs

- Black Studies Minor (p. 74)

## Courses

### BLST 1101 Black Lives Matter 3 Credits

**Attributes:** ASTH American Studies Theme Course, BSFC Black Studies Focus Course, BSSS Black Studies: Social and Behavioral Sciences, PJST Peace and Justice Studies, UDIV U.S. Diversity  
In the context of Ferguson, Charleston, and other national crises, this course responds to the call of students from our campus community to raise questions about and critically reflect upon the failures of democracy to recognize the value of Black Life. This course employs collective thinking, teaching, and research to focus on questions surrounding race, structural inequality, and violence. It examines the historical, geographical, cultural, social, and political ways in which race has been configured and deployed in the United States. Various faculty will bring to bear their respective scholarly lenses so that students understand race and racism across intellectual disciplines. Previously BL 0101.

### BLST 4990 Independent Study 1-3 Credits

**Attributes:** BSCP Black Studies Capstone Course  
Upon request and by agreement with a professor in the program, a Black Studies minor may conduct a one-semester independent study on a defined research topic or field of study. Previously BL 0398.

## Faculty

### Director

Sealey (Philosophy)

### Advisory Committee

Babo (Sociology, International Studies)  
Brunn-Bevel (Sociology and Anthropology)  
Bucki (History)  
Garvey (English)  
Hardy, C. (Religious Studies)  
Hohl (History)  
Jones (Sociology and Anthropology)  
King (History)  
Lacy (Sociology and Anthropology)  
Sealey (Philosophy)  
Torff (Visual and Performing Arts)

## Black Studies Minor

For a 15-credit minor in Black Studies, students complete the following:

Code	Title	Credits
BLST 1101	Black Lives Matter	3
Select four Black Studies elective courses <sup>1</sup>		12
Total Credits		15

<sup>1</sup> The four courses must represent at least two different disciplines. At least two must be 'focus' courses; the other two may be 'component' courses.

## Focus Courses

Code	Title	Credits
AHST 1165	The Black Experience: African-American Art and Criticism in the 20th and 21st Centuries	3
ANTH 1115	Cultures of Africa	3
BLST 4990	Independent Study	1-3
COMM 3245	Identities, Discourse, and Social Change	3
COMM 3344	Interracial Communication	3
ENGL 1140	Caribbean Literature: History, Culture, and Identity	3
ENGL 1330	African American Literary Tradition	3
ENGL 2062	The Harlem Renaissance	3
ENGL 2063	African American Women Writers	3
ENGL 2064	African American Fiction, 1940 to Present	3
ENGL 3036	Seminar on Toni Morrison	3
FTMA 2204	African American Cinema	3
HIST 2220	Ancient African Civilizations	3
HIST 2262	African-American History, 1619 to 1865	3
HIST 2263	Inventing Themselves: African-American Women in U.S. History	3
HIST 2264	African-American History, 1865 to Present	3
MUSC 1101	The History of Jazz	3
MUSC 1112	Music of Black Americans	3
MUSC 2201	Hip-Hop and Its Antecedents	3
PHIL 3360	Critical Race Theory	3
POLI 2252	African Politics	3
RLST 2662	Afro-Caribbean and African American Religions: Shout, O Children!	3
SOCI 2110	Race, Cities, and Poverty	3
SOCI 2300	Sociology of Education	3

## Component Courses

Code	Title	Credits
AHST 1103	Art of Africa, the Caribbean, and the Americas	3
BIOL 1071	Identity and the Human Genome	3
ENGL 1310	Contemporary Women Writers of Color	3
ENGL 3075	Caribbean Women Writers	3
ENGL 3076	Global Women's Fiction	3
HIST 2239	20th Century United States	3
HIST 2242	Immigration, Race, and Ethnicity in U.S. History	3
MUSC 1122	World Music History and Ensemble	3

MUSC 1132	Critical Issues in American Popular Music: Blues to Hip Hop	3
PHIL 2260	Social and Political Philosophy	3
POLI 2108	Political Parties and Interest Groups	3
POLI 2336	Politics of Race, Class, and Gender	3
RLST 2335	Liberation Theology	3
SOCI 1135	Race, Gender, and Ethnic Relations	3
SOCI 1140	Urban/Suburban Sociology: NYC	3
SOCI 1150	Introduction to International Migration	3

## Catholic Studies

Catholic Studies is an interdisciplinary inquiry into the intellectual tradition, history and culture, both 'high' and popular, of the Catholic Christian tradition. While the field of study includes religious questions and theological issues, it primarily follows a 'cultural studies' model. In addition to courses on the Catholic Church and issues in Catholic theology, it examines the role of the Catholic tradition in history, in literature and the arts, in the history of science, and in cultural and ethical issues related to many fields of professional practice. Its purpose is to raise awareness of the distinctive contributions of the Catholic Church to religious, cultural intellectual issues throughout the last two thousand years.

The minor in Catholic Studies will explore the texts, traditions, themes, teachings, and cultural role of the Catholic Church from its inception to its contemporary expression. Particular attention will be paid to its place in contemporary America. This interdisciplinary program will enable students to study the Catholic tradition, its ethos, identity, and mission, as made tangible in history, philosophy, literature, theology, the visual and performing arts, the social and behavioral sciences, and the natural sciences.

## Programs

- Catholic Studies Minor (p. 75)

## Faculty

## Director

Lakeland (Religious Studies)

## Advisory Board

Behre (History)  
 Carolan (Modern Languages and Literatures)  
 Dallavalle (Religious Studies)  
 Rose (Visual and Performing Arts)  
 Sauer, G. (Biology)

## Catholic Studies Minor

For a 15-credit minor in Catholic Studies, students complete the following:

Code	Title	Credits
RLST 1402	Introduction to Catholicism	3
or RLST 2448	Faith and Reason: The Catholic Intellectual Tradition	



Choose four additional Catholic Studies electives, including:	12
At least two additional courses in Religious Studies	
At least one course outside of Religious Studies	
Total Credits	15

## Catholic Studies Electives

Code	Title	Credits
AHST 1120	Medieval Art of Western Europe	3
AHST 1121	Celtic and Early Irish Art	3
AHST 1130	Early Renaissance Art in Italy	3
AHST 1131	High Renaissance and Mannerism in Italy	3
AHST 2221	Arts of Ireland and the British Isles, 500-1000	3
AHST 2222	Byzantine Art	3
BIOL 1096	God and Modern Biology	3
ENGL 1150	Dante	3
ENGL 1610	Irish Literature	3
ENGL 1620	Irish Women Writers	3
ENGL 2011	Age of Chaucer	3
ENGL 3011	Chaucer's Canterbury Tales	3
ENGL 3019	James Joyce	3
ENGL 3072	All About Eve	3
HIST 2203	European Society in the Middle Ages	3
HIST 2205	Anti-Semitism: Medieval to Modern	3
HIST 2215	Ireland: Middle Ages to the Present	3
HIST 2288	Colonial Latin America, 1492-1800	3
ITLN 3289	Dante	3
PHIL 2220	Philosophy of Religion	3
PHIL 2221	The Question of Religion	3
PHIL 2223	The Problem of God	3
PHIL 2282	Violence and the Sacred	3
PHIL 3304	Aquinas	3
POLI 2257	Northern Ireland: Politics of War and Peace	3
POLI 2331	Introduction to Peace and Justice	3
RLST 1402	Introduction to Catholicism	3
RLST 1601	Religion in the United States	3
RLST 2220	Writings of Paul	3
RLST 2221	Good News of the Gospels	3
RLST 2222	Writings of John	3
RLST 2331	The Problem of God	3
RLST 2335	Liberation Theology	3
RLST 2336	Christian Feminist Theology	3
RLST 2338	Evil	3
RLST 2339	Last Things: Catholic Belief in Life After Death	3
RLST 2428	Early Christianity	3
RLST 2440	The Medieval Church	3
RLST 2441	Encountering God in Medieval Christian Thought	3
RLST 2443	The Papacy	3
RLST 2445	The Reformation Era	3
RLST 2448	Faith and Reason: The Catholic Intellectual Tradition	3

RLST 2544	Finding God in All Things	3
RLST 2552	Contemporary Moral Problems	3
RLST 2555	Catholic Social Teaching	3
RLST 2557	Christian Spirituality	3
RLST 2559	Saints and Sinners: Images of Holiness in Contemporary Fiction	3
RLST 2649	American Catholic Theologians	3
RLST 2668	American Catholic History	3

## Chemistry and Biochemistry

Chemistry and Biochemistry are broad disciplines that seek to understand our world from the viewpoint of atomic and molecular behavior. Chemists and Biochemists integrate knowledge from biology, physics, and mathematics to solve problems in a wide variety of areas. The curriculum for chemistry majors emphasizes fundamental principles and applications. Courses develop critical thinking, problem-solving skills, and experimental technique in order to provide ample preparation for future career success, whether that be in science, medicine, law, or chemistry-related businesses.

Bachelor of science degrees in chemistry and biochemistry provide analytical training for success in a wide variety of career options. In addition to a career in chemistry, these degrees provide foundational knowledge and skills for study and practice of medicine, dentistry, environmental science, forensic science, pharmacology, materials science, business, law, and more. A student pursuing a chemistry degree has many career options.

The Department of Chemistry and Biochemistry and its curricula are certified by the Committee on Professional Training of the American Chemical Society (ACS). Certified programs are defined by high quality faculty, deep and broad curriculum, modern facilities, and modern instrumentation.

### Programs

The bachelor of science degree in chemistry or biochemistry, with or without ACS certification, can be achieved by following the appropriate course sequence listed below. The first sequence describes the basic BS degree in chemistry. The second sequence is the preferred track for students seeking employment in the chemical industry or pursuing a Ph.D. in chemistry and includes ACS certification. The third major sequence is the BS in biochemistry, recommended for students interested in the pharmaceutical industry, medical or dental school, and the pursuit of a Ph.D. in biochemistry or related fields. The biochemistry sequence can also be ACS certified with the additional course work described. The ACS certified sequences feature more in-depth laboratory work and/or a greater emphasis on research.

- Biochemistry Major (p. 83)
- Biochemistry Minor (p. 85)
- Chemistry Major (p. 80)
- Chemistry Major - ACS Certified Curriculum (p. 81)
- Chemistry Minor (p. 83)

## Courses

### **CHEM 1010 Chemistry: Sights and Insights**

**3 Credits**

This course presents chemistry via lecture, demonstration, and laboratory work. The course provides students with insights into the microscopic world of atoms and molecules to better understand the macroscopic, observable properties of real substances, and applies the models developed in the course to representative substances from inorganic, organic chemistry, and biochemistry. Note: This course counts as a science core course but does not satisfy requirements for the chemistry major or minor. Previously CH 0010.

### **CHEM 1033 Chemistry of Nutrition**

**3 Credits**

**Attributes:** EDCG Educational Studies Cognate, HSST Health Studies: Science and Technology

This course introduces basic chemical concepts, such as the atom, molecules, chemical reactivity and energy, as well as integrating fundamental biological concepts including cell structure and basic anatomy. Further explored, on a chemical level, are the structure and function of basic nutritional components: proteins, carbohydrate, lipids, vitamins, and minerals. With a scientific foundation established, topics pertaining to nutrition and human evolution, the life cycle, and exercise will be discussed. Current social and health issues such as obesity, food technology, and fad dieting will be incorporated throughout the course. Note: This course counts as a science core course but does not satisfy requirements for the chemistry major or minor. Students may take either CHEM 1033 or CHEM 1072 as a core science requirement, but not both. Previously CH 0033.

### **CHEM 1072 Philosophy and Biochemistry of Food and Eating Practices**

**3 Credits**

**Prerequisite:** PHIL 1101.

An essential component of our daily lives, food offers itself as one of the most interesting topics of cultural and scientific discussion. This course is designed to analyze food and eating practices from the twofold perspective of philosophy and biochemistry. The intersections of philosophy and biochemistry will be highlighted in topics such as 'Food as Art' (juxtaposing the aesthetic and biomolecular properties of food) and 'Food in Culture' (contrasting how societies prepare and eat food with the nutrition and technology of food science). The course combines lecture with activities such as trips to museums, guest lectures, and in-class laboratory activities. Note: Students may take either CHEM 1033 or CHEM 1072 as a core science requirement, but not both. Crosslisted with PHIL 2218. Previously CH 0072.

### **CHEM 1076 Environmental Science**

**3 Credits**

**Attributes:** EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective, MSID Magis Core: Interdisciplinary

The science of the environment is presented through examination of the interconnections among physical, chemical, and biological fields of inquiry. This course looks at how the global environment is altered by the human population, technology, and production of fuels and food. In this course, students will acquire a scientific understanding of current issues in environmental science and learn to evaluate claims about current environmental problems. Crosslisted with BIOL 1076. Previously CH 0076.

### **CHEM 1077 Introduction to Forensic Science**

**3 Credits**

**Attributes:** EDCG Educational Studies Cognate

This course provides an introduction to the scientific techniques used for the analysis of common types of physical evidence encountered at crime scenes. Using critical thinking and laboratory experiences, students become crime scene investigators. They are charged with the task of solving a mock crime. The investigations include fabric analysis, ink analysis, blood analysis, DNA analysis, fingerprint analysis, ballistics, and/or blood alcohol analysis. The lecture part of the course focuses on exploring the underlying chemical principles behind the techniques and includes discussion of historical case studies. Note: This course counts as a science core course but does not satisfy requirements for the chemistry major or minor. Previously CH 0007.

### **CHEM 1083 Survey of Chemistry**

**3 Credits**

This course presumes no previous chemistry and fulfills a science requirement. The course consists of an introduction to atomic and molecular structure and the correlation of structural models to observable phenomena. The course discusses topics of historical and current relevance to society, including environmental issues, energy sources, natural products, and the application of chemistry in industry and medicine. Note: This course counts as a science core course but does not satisfy requirements for the chemistry major or minor. Previously CH 0083.

### **CHEM 1085 Chemistry, Energy, and the Environment**

**3 Credits**

**Attributes:** EDCG Educational Studies Cognate, EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective

This course explores the flow of energy in modern society from the perspective of chemistry. Topics include the fossil fuels coal, petroleum, and natural gas, followed by an exploration of alternatives, including biomass, hydro, solar, tidal, wind, and nuclear energy sources. Students consider the source of energy, how it is harvested, and the short- and long-term environmental consequences of using each energy source and how these consequences are determined. The course uses the concepts of bonding, thermodynamics, kinetics, and work to investigate these and related ideas. The course also discusses economic and political forces that shape our use of energy. Note: This course counts as a science core course but does not satisfy requirements for the chemistry major or minor. Previously CH 0085.

### **CHEM 1086 Chemistry and Art**

**3 Credits**

**Attributes:** EDCG Educational Studies Cognate

This basic chemistry course with a strong orientation to the visual arts fulfills a core science requirement. Basic concepts include atoms, molecules, elements, compounds, the periodic table, chemical bonding and reaction, acids and bases, oxidation and reduction, and polymers. The lab employs these concepts to examine aspects of art media such as light, color, dyes, paint, metals, stone, ceramics, glass, plastics, paper, and fibers. Note: This course counts as a science core course but does not satisfy requirements for the chemistry major or minor. Previously CH 0086.

**CHEM 1087 Molecules of Life****3 Credits**

This course explores the modern science of biologically relevant compounds and substances, which exist at the intersection of chemistry, biology, and medicine. We examine the major molecular components of the cell - proteins, nucleic acids, lipids, and more - and illustrate the application of chemical principles to understanding their structure and function. Since our lives are increasingly influenced by the availability of new pharmaceutical agents ranging from drugs that lower cholesterol to those that influence behavior, we develop insights needed to understand drug action and consider the design of new ways to intercede in the disease process. Note: This course counts as a science core course but does not satisfy requirements for the chemistry major or minor. Previously CH 0087.

**CHEM 1171 General Chemistry I****3 Credits****Corequisite:** CHEM 1171L.

This course, the first in a two-semester sequence, covers atomic and molecular weights, the mole concept, Avogadro's number, stoichiometry, energy relationships in chemical systems, the properties of gases, the electronic structures of atoms, periodic relationships among the elements, chemical bonding, geometrics of molecules, molecular orbitals, liquids, solids, intermolecular forces, solutions, rates of chemical reactions, chemical equilibrium, free energy, entropy, acids and bases, aqueous equilibria, electrochemistry, nuclear chemistry, chemistry of some metals and nonmetals, and chemistry of coordination compounds. Previously CH 0111.

**CHEM 1171L General Chemistry I Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** CHEM 1171.

This lab offers the opportunity to explore and experience the rigors of an experimental physical science. Students make and record observations on simple chemical systems while learning fundamental laboratory manipulative and measurement skills. Experiments demonstrate and supplement concepts introduced in lecture. The first semester emphasizes weighing, filtering, titrating, using volumetric glassware, observing data, and recording and synthetic techniques. The second semester integrates these techniques in experimental procedures and explores physical properties and quantitative analysis of selected chemical systems. Previously CH 0111L.

**CHEM 1172 General Chemistry II****3 Credits****Attributes:** HSST Health Studies: Science and Technology**Corequisite:** CHEM 1172L.**Prerequisite:** CHEM 1171.

This course, the second in a two-semester sequence, covers atomic and molecular weights, the mole concept, Avogadro's number, stoichiometry, energy relationships in chemical systems, the properties of gases, the electronic structures of atoms, periodic relationships among the elements, chemical bonding, geometrics of molecules, molecular orbitals, liquids, solids, intermolecular forces, solutions, rates of chemical reactions, chemical equilibrium, free energy, entropy, acids and bases, aqueous equilibria, electrochemistry, nuclear chemistry, chemistry of some metals and nonmetals, and chemistry of coordination compounds. Previously CH 0112.

**CHEM 1172L General Chemistry II Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** CHEM 1172.

This lab offers the opportunity to explore and experience the rigors of an experimental physical science. Students make and record observations on simple chemical systems while learning fundamental laboratory manipulative and measurement skills. Experiments demonstrate and supplement concepts introduced in lecture. The first semester emphasizes weighing, filtering, titrating, using volumetric glassware, observing data, and recording and synthetic techniques. The second semester integrates these techniques in experimental procedures and explores physical properties and quantitative analysis of selected chemical systems. Previously CH 0112L.

**CHEM 1184 General Chemistry for Health Science****3 Credits****Attributes:** EDCG Educational Studies Cognate, HSST Health Studies: Science and Technology**Corequisite:** CHEM 1184L.

This course introduces the general principles of chemistry (matter and measurement, atomic and molecular structure, energetics, acids and bases, oxidation, and reduction) in a manner that prepares students to relate to properties of organic materials and biologically relevant substances such as carbohydrates, lipids, peptides, proteins, and nucleic acids. The course focuses on general principles and introduces organic and biologically relevant substances. This course is directed to School of Nursing students and students in the Health Studies minor. Previously CH 0084.

**CHEM 1184L General Chemistry for Health Science Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** CHEM 1184.

This lab illustrates lecture concepts of CHEM 1184 and allows students to observe relevant physical systems. Previously CH 0084L.

**CHEM 2271 Organic Chemistry I****3 Credits****Corequisite:** CHEM 2271L.**Prerequisite:** CHEM 1172.

This course, an introduction to the chemistry of carbon compounds, discusses common functional groups from the perspective of molecular structure. Areas of emphasis include structure and characterization, preparation or organic synthesis, and the relations of physical and chemical properties to molecular structure. Stereochemical concepts introduced early in the course are used throughout. Previously CH 0211.

**CHEM 2271L Organic Chemistry I Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** CHEM 2271.

This lab emphasizes the manipulative techniques of separation, purification, analysis, and simple syntheses. Previously CH 0211L.

**CHEM 2272 Organic Chemistry II****3 Credits****Corequisite:** CHEM 2272L.**Prerequisite:** CHEM 2271.

This course presents the chemistry of aromatic, carbonyl, acyl, and nitrogen compounds. The course relates the chemical properties of naturally occurring substances such as carbohydrates, lipids, proteins, and nucleic acids to those of simpler monofunctional compounds. Spectroscopic methods of structure determination are introduced early in the course and used throughout. Previously CH 0212.

**CHEM 2272L Organic Chemistry II Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** CHEM 2272.

This lab emphasizes investigative experiments, more complex synthesis, and qualitative organic analysis. Previously CH 0212L.

**CHEM 2282 Chemical Analysis****3 Credits****Attributes:** EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science**Corequisite:** CHEM 2282L.**Prerequisite:** CHEM 2272.

This course provides the theoretical basis for the required laboratory.

Topics include statistics, chemical equilibria and their analytical applications (acid-base, oxidation-reduction, complex formation, precipitation), electroanalytical chemistry, spectroanalytical chemistry, and chemical separations. Previously CH 0222.

**CHEM 2282L Chemical Analysis Lab****1 Credit****Attributes:** EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective**Fee:** \$75 Science Lab Fee**Corequisite:** CHEM 2282.

Students explore quantitative aspects of chemistry through the analysis of unknowns and the characterization of chemical equilibrium, and pursue classical and instrumental methods of analysis. Previously CH 0222L.

**CHEM 3323L Biochemistry Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** BIOL 3324 or BIOL 3325 or CHEM 3324 or CHEM 3325.

This course will investigate classic and most current methodology used in biochemistry. A semester project will be used to introduce techniques used in biochemistry to investigate the structure and function of a protein. In characterizing this protein, the analysis of DNA, lipids and carbohydrates will also be covered. Previously CH 0323L.

**CHEM 3324 Biochemistry I****3 Credits****Prerequisite:** CHEM 2272.

This course will investigate the fundamentals of life: chemistry. The structures and functions of biomolecules, including proteins, DNA, RNA, lipids, and carbohydrates will be covered in depth. The concepts behind biological processes will be discussed, including enzyme kinetics and regulatory strategies, membrane functions, signal transduction, and an overview of metabolism. Crosslisted with BIOL 3324. Previously CH 0324.

**CHEM 3325 Biochemistry II****3 Credits****Prerequisite:** CHEM 2272.

This course focuses on the regulation of metabolic pathways involved in the synthesis, breakdown, and interconversion of biochemical intermediates that are fundamental to all life. Basic principles of biological thermodynamics will be highlighted in order to understand the processes by which living cells obtain and utilize energy. Students will develop an understanding of basic biomedical principles in the context of overall cell function. Crosslisted with BIOL 3325. Previously CH 0325.

**CHEM 3326 Chemical Instrumentation****3 Credits****Attributes:** EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective**Prerequisite:** CHEM 2282.

Students study chemical analysis in detail, using modern instrumentation. Students explore current methods of analysis, theory of transduction, implementation of instrumental principles, and physical theory of chemical systems in the context of the goals of the analytical problem and consider examples of applications. Previously CH 0326.

**CHEM 3326L Instrumental-Analytical Chemistry Lab****3 Credits****Attributes:** EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective**Fee:** \$75 Science Lab Fee**Prerequisite:** CHEM 3326.

This course exposes students who have already been introduced to the theory of classical (CHEM 2282) and instrumental (CHEM 3326) methods of analysis to problem solving using a variety of physical and chemical methods. The early portion of this course consolidates the classroom principles of analytical chemistry into a holistic understanding of analytical chemistry, giving students a further appreciation of the general considerations made when designing an approach to problem solving in analysis. Students receive hands-on exposure to the following aspects of analytical chemistry: basic electronics as appropriate to common instrumentation, methodology involved in equipment maintenance and troubleshooting, exposure to solving real-world analytical problems, and use of small computers and interfaces in the lab. The course emphasizes oral communication of results among all lab participants. Previously CH 0326L.

**CHEM 3341 Advanced Inorganic Chemistry****3 Credits****Corequisite:** CHEM 3361.

This course introduces students to the interdependence of chemical bonding, spectroscopic characteristics, and reactivity properties of coordination compounds and complexes using the fundamental concept of symmetry. The principles of coordination chemistry will be introduced after reviewing atomic structure, the chemical bond, and molecular structure. A basic familiarity with symmetry will be formalized by an introduction to the elements of symmetry and group theory. The students will use symmetry and group theory approaches to understand central atom hybridization, ligand group orbitals, and the construction of qualitative molecular orbital (MO) energy diagrams including both sigma and pi bonding contributions. The students will continue to utilize their understanding of group theory during an introduction of electronic spectroscopy and the use of correlation and Tanabe-Sugano diagrams. MO diagrams will then be used as a starting point for understanding the reactivity properties of coordination complexes. Previously CH 0341.

**CHEM 3341L Advanced Inorganic Chemistry Lab****2 Credits****Fee:** \$75 Science Lab Fee**Corequisite:** CHEM 3341.

This lab is a synthetic inorganic lab with an emphasis placed on characterization. In the laboratory, students will have the opportunity to synthesize, characterize, and investigate the physical and reactive properties of coordination, organometallic, and air-sensitive complexes. Students will utilize the following instrumental methods to characterize their compounds: UV-Visible spectroscopy, magnetic susceptibility, polarimetry, infrared spectroscopy, and NMR spectroscopy. Students write formal laboratory reports for every experiment. Previously CH 0341L.

**CHEM 3361 Physical Chemistry I****3 Credits****Corequisite:** CHEM 3361L.**Prerequisites:** CHEM 1172, MATH 1142 or higher, PHYS 1172.

This course is the first of a two-semester sequence, covering thermodynamics of gasses, pure liquids, and both electrolyte and non-electrolyte solutions. Additional topics include chemical equilibrium, transport phenomena, reaction kinetics, quantum mechanics, spectroscopy, and statistical mechanics and statistical thermodynamics. Previously CH 0261.



**CHEM 3361L Physical Chemistry I Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** CHEM 3361.

This course demonstrates and verifies concepts covered in Physical Chemistry lecture courses. Each lab meets weekly for three hours, during which students perform experiments with precision and care. The course incorporates current technology into each experiment and uses computers in data acquisition, reduction, and reporting. The course places special emphasis on data handling techniques and the accurate recording of observations. Previously CH 0261L.

**CHEM 3362 Physical Chemistry II****3 Credits****Corequisite:** CHEM 3362L.

This course is the second of a two-semester sequence, covering thermodynamics of gasses, pure liquids, and both electrolyte and non-electrolyte solutions. Additional topics include chemical equilibrium, transport phenomena, reaction kinetics, quantum mechanics, spectroscopy, and statistical mechanics, and statistical thermodynamics. Previously CH 0262.

**CHEM 3362L Physical Chemistry II Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** CHEM 3362.

This course demonstrates and verifies concepts covered in Physical Chemistry lecture. Each lab meets weekly for three hours, during which students perform experiments with precision and care. The course incorporates current technology into each experiment and uses computers in data acquisition, reduction, and reporting. The course places special emphasis on data handling techniques and the accurate recording of observations. Previously CH 0262L.

**CHEM 4971 Research and Seminar I****1-3 Credits**

Students undertake a research project in conjunction with a faculty member and present two seminars: one pertaining to a literature topic, the other focused on their research. Enrollment by permission only. Previously CH 0398.

**CHEM 4990 Independent Study****1-3 Credits****Prerequisite:** CHEM 3362.

This course, designed for students seeking an in-depth examination of a pre-specified area under the close direction of a faculty member, presents topics not routinely encountered in the normal course sequence. Previously CH 0399.

## Faculty

## Professors

Harper-Leatherman  
Kubasik, *chair*  
Miecznikowski  
O'Connell

## Associate Professors

Steffen  
Van Dyke  
Weddle

## Assistant Professors

Smith-Carpenter

## Instructors of the Practice

Reilly-Wiedow

## Lecturers

Chintapalli  
Fischer, R.  
Fischer, S.  
Harper  
Kamal  
Lloyd  
Nicaise  
Schirmann  
Sobczynski, *laboratory manager*  
Taddeo  
Tinoco  
Wolanin

## Professors Emeriti

Boggio  
Elder  
MacDonald

## Chemistry Major

### Requirements

Code	Title	Credits
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	4
CHEM 2282 & 2282L	Chemical Analysis and Chemical Analysis Lab	4
CHEM/BIOI 3323L	Biochemistry Lab	1
CHEM/BIOI 3324	Biochemistry I	3
CHEM 3361 & 3361L	Physical Chemistry I and Physical Chemistry I Lab	4
CHEM 3362 & 3362L	Physical Chemistry II and Physical Chemistry II Lab	4
CHEM 3326	Chemical Instrumentation	3
CHEM 3326L	Instrumental-Analytical Chemistry Lab	3
CHEM 3341	Advanced Inorganic Chemistry	3
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4
or MATH 1171	Calculus I	
MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	4
or MATH 1172	Calculus II	
MATH 2243	Calculus III for Chemistry, Engineering, and Physics Majors	4
or MATH 2273	Multivariable Calculus	

PHYS 1171 & 1171L	General Physics I and General Physics I Lab	4
PHYS 1172 & 1172L	General Physics II and General Physics II Lab	4
Total Credits		61

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

### Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CHEM 1171	General Chemistry I	3
CHEM 1171L	General Chemistry I Lab	1
MATH 1141 or MATH 1171	Calculus I for Chemistry, Engineering, and Physics Majors or Calculus I	4
PHYS 1171	General Physics I	3
PHYS 1171L	General Physics I Lab	1
Core Courses		6
Credits		18
<b>Spring</b>		
CHEM 1172	General Chemistry II	3
CHEM 1172L	General Chemistry II Lab	1
MATH 1142 or MATH 1172	Calculus II for Chemistry, Engineering, and Physics Majors or Calculus II	4
PHYS 1172	General Physics II	3
PHYS 1172L	General Physics II Lab	1
Core Courses		6
Credits		18
<b>Second Year</b>		
<b>Fall</b>		
CHEM 2271	Organic Chemistry I	3
CHEM 2271L	Organic Chemistry I Lab	1
MATH 2243 or MATH 2273	Calculus III for Chemistry, Engineering, and Physics Majors or Multivariable Calculus	4
Core Courses and Electives		9
Credits		17
<b>Spring</b>		
CHEM 2272	Organic Chemistry II	3
CHEM 2272L	Organic Chemistry II Lab	1
CHEM 2282	Chemical Analysis	3
CHEM 2282L	Chemical Analysis Lab	1
Core Courses and Electives		9
Credits		17

### Third Year

#### Fall

CHEM 3326	Chemical Instrumentation <sup>1</sup>	3
CHEM 3361	Physical Chemistry I	3
CHEM 3361L	Physical Chemistry I Lab	1
Core Courses and Electives		6
Credits		13

#### Spring

CHEM 3326L	Instrumental-Analytical Chemistry Lab <sup>1</sup>	3
CHEM 3362	Physical Chemistry II	3
CHEM 3362L	Physical Chemistry II Lab	1
Core Courses and Electives		9
Credits		16

### Fourth Year

#### Fall

CHEM 3341	Advanced Inorganic Chemistry <sup>1</sup>	3
Core Courses and Electives		12
Credits		15

#### Spring

CHEM 3323L or BIOL 3323L	Biochemistry Lab <sup>1</sup> or Biochemistry Lab	1
CHEM 3324 or BIOL 3324	Biochemistry I <sup>1</sup> or Biochemistry I	3
Core Courses and Electives		12
Credits		16
Total Credits		130

<sup>1</sup> May be taken in either third or fourth year.

Students are encouraged to meet with their academic advisors in the Department to discuss variations of the recommended Plan of Study, for example to pursue study abroad and/or research opportunities.

## Chemistry Major - ACS Certified Curriculum

### Requirements

Code	Title	Credits
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	4
CHEM 2282 & 2282L	Chemical Analysis and Chemical Analysis Lab	4
CHEM/BIOL 3323L	Biochemistry Lab	1
CHEM/BIOL 3324	Biochemistry I	3
CHEM 3326	Chemical Instrumentation	3
CHEM 3326L	Instrumental-Analytical Chemistry Lab	3

CHEM 3341 & 3341L	Advanced Inorganic Chemistry and Advanced Inorganic Chemistry Lab	5
CHEM 3361 & 3361L	Physical Chemistry I and Physical Chemistry I Lab	4
CHEM 3362 & 3362L	Physical Chemistry II and Physical Chemistry II Lab	4
CHEM 4971	Research and Seminar I	3
MATH 1141 or MATH 1171	Calculus I for Chemistry, Engineering, and Physics Majors Calculus I	4
MATH 1142 or MATH 1172	Calculus II for Chemistry, Engineering, and Physics Majors Calculus II	4
MATH 2243 or MATH 2273	Calculus III for Chemistry, Engineering, and Physics Majors Multivariable Calculus	4
MATH 2251	Ordinary Differential Equations	3
PHYS 1171 & 1171L	General Physics I and General Physics I Lab	4
PHYS 1172 & 1172L	General Physics II and General Physics II Lab	4
Total Credits		69

**Notes:**

- Students intending to enter primary or secondary school teaching should consult annually with the chairs of the departments of Chemistry and Education to facilitate scheduling of these curricula.
- Students intending to enter medical or dental school should consult with the Chair of the Chemistry Department and the Health Professions Advisor for appropriate modifications of this curriculum, which will include taking BIOL 1171 and BIOL 1172 in their first year in place of PHYS 1171 and PHYS 1172, which are then taken in the sophomore year.
- Students may elect to take CHEM 3324 Biochemistry I or CHEM 3341 Advanced Inorganic Chemistry in their junior year.
- Note that the CHEM 4970-series Research and Seminar is a research elective to be coordinated with individual faculty members. It may be taken for one, two, or three credits. Students enroll in CHEM 4971 for their first semester of research, CHEM 4972 for their second semester, etc.
- Students are encouraged to participate in summer research experiences on or off campus. At the discretion of the Chemistry Department, involvement in summer research such as National Science Foundation Research Experience for Undergraduate Programs may be counted toward the research requirement for American Chemical Society certification. Each case will be evaluated individually by the department.
- All research for credit will be consistent with the American Chemical Society Committee for Professional Training guidelines.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the

Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CHEM 1171	General Chemistry I	3
CHEM 1171L	General Chemistry I Lab	1
MATH 1141 or MATH 1171	Calculus I for Chemistry, Engineering, and Physics Majors or Calculus I	4
PHYS 1171	General Physics I	3
PHYS 1171L	General Physics I Lab	1
Core Courses		6
Credits		18
<b>Spring</b>		
CHEM 1172	General Chemistry II	3
CHEM 1172L	General Chemistry II Lab	1
MATH 1142 or MATH 1172	Calculus II for Chemistry, Engineering, and Physics Majors or Calculus II	4
PHYS 1172	General Physics II	3
PHYS 1172L	General Physics II Lab	1
Core Courses		6
Credits		18
<b>Second Year</b>		
<b>Fall</b>		
CHEM 2271	Organic Chemistry I	3
CHEM 2271L	Organic Chemistry I Lab	1
MATH 2243 or MATH 2273	Calculus III for Chemistry, Engineering, and Physics Majors or Multivariable Calculus	4
Core Courses and Electives		9
Credits		17
<b>Spring</b>		
CHEM 2272	Organic Chemistry II	3
CHEM 2272L	Organic Chemistry II Lab	1
CHEM 2282	Chemical Analysis	3
CHEM 2282L	Chemical Analysis Lab	1
Core Courses and Electives		9
Credits		17
<b>Third Year</b>		
<b>Fall</b>		
CHEM 3326	Chemical Instrumentation <sup>1</sup>	3
CHEM 3361	Physical Chemistry I	3
CHEM 3361L	Physical Chemistry I Lab	1
MATH 2251	Ordinary Differential Equations	3
Core Courses and Electives		6
Credits		16
<b>Spring</b>		
CHEM 3326L	Instrumental-Analytical Chemistry Lab <sup>1</sup>	3

CHEM 3362	Physical Chemistry II	3
CHEM 3362L	Physical Chemistry II Lab	1
Core Courses and Electives		9
Credits		16

**Fourth Year****Fall**

CHEM 3341	Advanced Inorganic Chemistry <sup>1</sup>	3
CHEM 3341L	Advanced Inorganic Chemistry Lab <sup>1</sup>	2
CHEM 4971	Research and Seminar I <sup>2</sup>	3
Core Courses and Electives		9
Credits		17

**Spring**

CHEM 3323L or BIOL 3323L	Biochemistry Lab <sup>1</sup> or Biochemistry Lab	1
CHEM 3324 or BIOL 3324	Biochemistry I <sup>1</sup> or Biochemistry I	3
Core Courses and Electives		9
Credits		13
Total Credits		132

<sup>1</sup> May be taken either third or fourth year.

<sup>2</sup> 1-3 credits per semester. May be taken in fall, spring, or both semesters of the fourth year.

## Chemistry Minor

For a minor in chemistry, students complete the following:

Code	Title	Credits
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	4
CHEM 2282 & 2282L	Chemical Analysis and Chemical Analysis Lab	4
Select one elective course from the following:		4-6
CHEM 3326 & 3326L	Chemical Instrumentation and Instrumental-Analytical Chemistry Lab	
CHEM 3341 & 3341L	Advanced Inorganic Chemistry and Advanced Inorganic Chemistry Lab	
CHEM 3361 & 3361L	Physical Chemistry I and Physical Chemistry I Lab	
CHEM 3362 & 3362L	Physical Chemistry II and Physical Chemistry II Lab	
Total Credits		24-26

## Biochemistry Major

### Requirements

The biochemistry sequence places a greater emphasis on biochemistry and the life sciences. Students pursuing this track will be well prepared for professional schools in the life sciences, graduate schools in biochemistry and the more traditional fields of chemistry, as well as employment in chemical, environmental, or health-related fields.

For a major in biochemistry, students complete the following:

Code	Title	Credits
BIOL 1171 & 1171L	General Biology I and General Biology I Lab	4
BIOL 1172 & 1172L	General Biology II and General Biology II Lab	4
BIOL 1173 & 1173L	General Biology III and General Biology III Lab	4
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	4
CHEM 2282 & 2282L	Chemical Analysis and Chemical Analysis Lab	4
CHEM/BIOL 3323L	Biochemistry Lab	1
CHEM/BIOL 3324	Biochemistry I	3
CHEM/BIOL 3325	Biochemistry II	3
CHEM 3361 & 3361L	Physical Chemistry I and Physical Chemistry I Lab	4
CHEM 3362 & 3362L	Physical Chemistry II and Physical Chemistry II Lab	4
MATH 1141 or MATH 1171	Calculus I for Chemistry, Engineering, and Physics Majors Calculus I	4
MATH 1142 or MATH 1172	Calculus II for Chemistry, Engineering, and Physics Majors Calculus II	4
MATH 2217 or MATH 2243 or MATH 2273	Statistics I Calculus III for Chemistry, Engineering, and Physics Majors Multivariable Calculus	3-4
PHYS 1171 & 1171L	General Physics I and General Physics I Lab	4
PHYS 1172 & 1172L	General Physics II and General Physics II Lab	4
Select one biology elective from the list below		3-4
Select one chemistry elective from the list below		5-6
Total Credits		74-77



Biology Electives

Code	Title	Credits
BIOL 2261	Genetics	4
BIOL 3327	Cell Biology	4
BIOL 3342	Developmental Biology	4
BIOL 3352	Fundamentals of Microbiology	4
BIOL 3354	Molecular Biology	3
BIOL 3356	Immunology	3
BIOL 3357	General Virology	3

Chemistry Electives

**Note:** A student pursuing a biochemistry major who takes both chemistry electives is eligible for ACS certification.

Code	Title	Credits
CHEM 3326 & 3326L	Chemical Instrumentation and Instrumental-Analytical Chemistry Lab	6
CHEM 3341 & 3341L	Advanced Inorganic Chemistry and Advanced Inorganic Chemistry Lab (Lab is highly recommended)	5

ACS Certified Curriculum

For a BS in biochemistry certified by the American Chemical Society, a student must take both Chemistry electives (CHEM 3326 and CHEM 3341) with labs.

Due to the additional lab component of the biochemistry major, CHEM 4971 is recommended but not required for the BS with ACS certification.

Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL 1171 & 1171L	General Biology I and General Biology I Lab	4
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
MATH 1141 or MATH 1171	Calculus I for Chemistry, Engineering, and Physics Majors or Calculus I	4
Core Courses		6
Credits		18
<b>Spring</b>		
BIOL 1172 & 1172L	General Biology II and General Biology II Lab	4
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4

MATH 1142 or MATH 1172	Calculus II for Chemistry, Engineering, and Physics Majors or Calculus II	4
Core Courses		6
Credits		18

Second Year

Fall

BIOL 1173 & 1173L	General Biology III and General Biology III Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
PHYS 1171 & 1171L	General Physics I and General Physics I Lab	4
Select one of the following:		3-4

MATH 2217	Statistics I	
MATH 2243	Calculus III for Chemistry, Engineering, and Physics Majors	
MATH 2273	Multivariable Calculus	
Core Courses and Electives		3
Credits		18-19

Spring

CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	4
CHEM 2282 & 2282L	Chemical Analysis and Chemical Analysis Lab	4
PHYS 1172 & 1172L	General Physics II and General Physics II Lab	4
Core Courses and Electives		6
Credits		18

Third Year

Fall

CHEM 3361 & 3361L	Physical Chemistry I and Physical Chemistry I Lab	4
Core Courses and Electives		6
Credits		10

Spring

CHEM 3323L or BIOL 3323L	Biochemistry Lab <sup>1</sup> or Biochemistry Lab	1
CHEM 3324 or BIOL 3324	Biochemistry I or Biochemistry I	3
CHEM 3362 & 3362L	Physical Chemistry II and Physical Chemistry II Lab	4
Biology Elective		3-4
Core Courses and Electives		9
Credits		20-21

Fourth Year

Fall

CHEM 3323L or BIOL 3323L	Biochemistry Lab <sup>1</sup> or Biochemistry Lab	1
CHEM 3325 or BIOL 3325	Biochemistry II or Biochemistry II	3
Chemistry Elective		3-5
Core Courses and Electives		6-9
Credits		13-18

**Spring**

Chemistry Elective	3
Core Courses and Electives	6-9
Credits	9-12
Total Credits	124-133

<sup>1</sup> Biochemistry Lab is taken only once, concurrently with CHEM 3324 / BIOL 3324 or CHEM 3325 / BIOL 3325.

Students are encouraged to meet with their academic advisors in the Department to discuss variations of the recommended Plan of Study, for example to pursue study abroad and/or research opportunities.

## Biochemistry Minor

For a minor in biochemistry, students complete the following:

*Note: The biochemistry minor is not intended for chemistry majors.*

Code	Title	Credits
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	4
CHEM/BIOL 3323L	Biochemistry Lab	1
CHEM/BIOL 3324 or CHEM/BIOL 3325	Biochemistry I Biochemistry II	3
Select one elective course from the following:		4-6
CHEM 2282 & 2282L	Chemical Analysis and Chemical Analysis Lab	24-26
CHEM 3326 & 3326L	Chemical Instrumentation and Instrumental-Analytical Chemistry Lab	
CHEM 3341 & 3341L	Advanced Inorganic Chemistry and Advanced Inorganic Chemistry Lab	
CHEM 3361 & 3361L	Physical Chemistry I and Physical Chemistry I Lab	
CHEM 3362 & 3362L	Physical Chemistry II and Physical Chemistry II Lab	
Total Credits		

## Classical Studies

The Program in Classical Studies provides students with a broad background in the history and culture of the Graeco-Roman world, and in the study of Latin and Greek as languages of high culture during and beyond Classical Antiquity, and in the reception of the Classical tradition by later cultures, both as an aid to their general cultural education and to assist them in their own major fields. Courses are offered in Latin and Greek, and in English translation.

The program also makes available, as a general service to the University, courses in English and the original languages for those interested in specific aspects of classical antiquity.

## Programs

The Program in Classical Studies offers two minors. The 24-credit minor in Classics is intended for students wishing to focus on the ancient languages. The 15-credit minor in Classical Studies is a broader program, consisting of courses drawn from the program's offerings and from related courses in other departments.

- Classical Studies Minor (p. 87)
- Classics Minor (p. 87)

Students may also design a major in Classical Studies. For more information, please consult the Individually Designed Major (p. 147) catalog section.

## Courses

### Classical Civilization

#### CLST 1060 Masterpieces of Greek Literature in English

##### Translation

**3 Credits**

**Attributes:** E\_BF English Literature Before 1800

This course surveys major works of ancient Greek literature, emphasizing the content of this literature as a key to understanding classical Greek civilization and as meaningful in a contemporary context. This course may be taken to fulfill the Magis Core exploration tier requirement in literature. Crosslisted with ENGL 1060. Previously CL 0106.

#### CLST 1070 Masterpieces of Roman Literature in English

##### Translation

**3 Credits**

**Attributes:** E\_BF English Literature Before 1800

This course surveys major works of Roman literature of the republic and early empire, emphasizing the content of this literature as a key to understanding Roman civilization, and as meaningful in a contemporary context. This course may be taken to fulfill the Magis Core exploration tier requirement in literature. Crosslisted with ENGL 1070. Previously CL 0107.

#### CLST 1080 Myth in Classical Literature

**3 Credits**

This course introduces students to classical mythology through an examination of the diverse ways in which myth and legend are treated in the literatures of ancient Greece and Rome. Students read texts in English translation; knowledge of Greek or Latin is not required. This course may be taken to fulfill the Magis Core exploration tier requirement in literature. Crosslisted with ENGL 1080. Previously CL 0108.

#### CLST 1090 Greek Tragedy in English Translation

**3 Credits**

An intensive study in translation of the surviving works of Aeschylus, Sophocles and Euripides. Knowledge of Greek is not required. This course may be taken to fulfill the Magis Core exploration tier requirement in literature. Crosslisted with ENGL 1090. Previously CL 0109.

**CLST 1115 Greek Civilization****3 Credits****Attributes:** MWAC Magis Core: Writing Across Curriculum

Students study the Greek experience: the social and cultural values, political institutions, and economic structures of the ancient Greeks and their effect on the historical process in the period down to the death of Alexander. Knowledge of Greek is not required. This course may be used to fulfill the Magis Core orientation tier requirement in History. Previously CL 0115.

**CLST 1116 Roman Civilization****3 Credits****Attributes:** ISIC Italian Studies: Italy Component, MWAC Magis Core: Writing Across Curriculum

Roman civilization spanned more than 1000 years of history and culture, and influenced western society in profound ways. This course traces Rome's development from a small local tribe to a world power, examining how it expanded and conquered the Mediterranean and absorbed into its culture aspects of the peoples it defeated. Knowledge of Latin is not required. This course may be used to fulfill the Magis Core orientation tier requirement in History. Previously CL 0116.

**CLST 1270 Romantic Love in Greek and Roman Literature****3 Credits****Attributes:** E\_BF English Literature Before 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused

The course of true love never did run smooth. From Homer's Penelope to Ovid's Remedies of Love we will examine the permutations of romantic desire and its frustrations in the literature of Greece and Rome. Readings also include selections from Sappho's poetry, Sophocles' Women of Trachis, Euripides' Hippolytos and Medea, comedies by Menander and Terence, Catullus poems to Lesbia, Vergil's tale of Dido and Aeneas, selections from the elegies of Tibullus Sulpicia, Propertius and Ovide, and briefer excerpts from other authors. All readings are in English translation. This course may be taken to fulfill the Magis Core exploration tier requirement in literature. Crosslisted with ENGL 1270. Previously CL 0127.

**CLST 1900 Special Topics (Shell)****3 Credits**

This course explores a specific topic in the interdisciplinary field of classical studies. Content will vary in successive offerings of this course. Previously CL 0199.

**CLST 2221 Hellenistic World, 336-30 BCE****3 Credits****Attributes:** H\_BF History Before 1750, H\_EU European History, H\_NW Non-Western History, WDIV World Diversity**Prerequisite:** CLST 1115 or CLST 1116 or one 1000-level history class.

The course examines the Mediterranean world and the ancient near east from the late fourth to late first centuries BCE. Focus is on: the career of Alexander the Great; the Greek kingdoms that emerge after the collapse of his empire; the interaction between local cultures and religions - e.g. Egypt, ancient Judaism - and Greek civilization; the social history of daily life in conquered lands under Greek rule; and the transformations in the Hellenistic world with the arrival of Roman rule. Crosslisted with HIST 2221. Previously CL 0221.

**CLST 2222 The Roman Revolution****3 Credits****Attributes:** H\_BF History Before 1750, H\_EU European History, ISIF Italian Studies: Italy-Focused**Prerequisite:** CLST 1115 or CLST 1116 or one 1000-level history class.

This course presents a comprehensive study of the political, social, artistic, literary, and military transformation of Rome from the middle of the second-century BCE through the reign of Augustus, with special attention given to Rome's response to the cultural and governmental challenges imposed by its growing empire and how its responses forever changed the course of Western civilization. Crosslisted with HIST 2222. Previously CL 0222.

**CLST 2223 Roman World in Late Antiquity, 284-642 CE****3 Credits****Attributes:** H\_BF History Before 1750, H\_EU European History**Prerequisite:** CLST 1115 or CLST 1116 or one 1000-level history class.

The course examines the Mediterranean world from the third to seventh centuries CE. Focus is on: the collapse of the Roman Empire in western Europe; the dramatic upheavals caused by the arrival in the Roman Empire of the Visigoths, Vandals, and other barbarian tribes; the survival of the Byzantine East through the early Islamic conquests; the rise of Christianity from a persecuted religion to the official religion of the Roman Empire; and the accompanying cultural transformations, including the rise of monasticism and the importance of the holy man. Crosslisted with HIST 2223. Previously CL 0223.

**CLST 2224 Byzantine World****3 Credits****Attributes:** H\_EU European History**Prerequisite:** CLST 1115 or CLST 1116 or one 1000-level history class.

This course is an introduction to political and social history of Byzantine Empire. It also highlights Byzantium's role as a bridge between Greco-Roman antiquity and modern European civilization. Course lectures will cover Byzantium's origins in the eastern half of the Roman Empire, Byzantium's middle period as a major Mediterranean power, and its late period as an increasingly shrinking city-state. The course will also introduce students to some of the major Byzantine historians and to methods of analysis using these sources, and train students to form historical arguments based on these analyses. Crosslisted with HIST 2224. Previously CL 0224.

**CLST 3325 Athenian Democracy and Empire****3 Credits****Attributes:** H\_BF History Before 1750, H\_EU European History**Prerequisite:** CLST 1115 or CLST 1116 or one 1000-level history class.

This history seminar provides an in-depth exploration of classical Athens at the height of its power in the fifth century BCE. Its focus is on close reading of the primary sources describing the rise and fall of Athens in this period. It places particular emphasis on the parallel rise of Athenian democracy at home and the Athenian empire overseas. It places secondary emphasis on the nature of Athenian intellectual discourse in this period. A final research project will engage modern scholarly debates on the nature of fifth-century Athens. Crosslisted with HIST 3325. Previously CL 0325.

**CLST 4999 Capstone Project in Classics****3 Credits****Prerequisite:** At least seven courses in the individually designed major.

Students completing an individually designed major in classical studies develop and carry out a major project that allows them to pull together the multiple threads of their interdisciplinary major. Enrollment by permission only. Previously CL 0399.

## Greek

**GREK 1111 Elementary Attic Greek****3 Credits**

Students study the grammar of Attic Greek. The course employs readings in easier authors to develop a practical reading knowledge of ancient Greek. Previously GR 0111.

**GREK 2211 Intermediate Greek Readings I****3 Credits****Prerequisite:** GREK 1111.

This course includes intensive reading of selected authors of moderate difficulty in various genres, with extensive readings in translation, to give a survey of classical Greek literature. Previously GR 0210.

**GREK 2212 Intermediate Greek Readings II****3 Credits****Prerequisite:** GREK 2211.

This course, a continuation of GREK 2211, includes intensive reading of selected authors of moderate difficulty in various genres, with extensive readings in translation, to give a survey of classical Greek literature.

Previously GR 0211.

## Latin

**LATN 1111 Basic Latin****4 Credits**

The course presents an intensive study of Latin grammar. Students who complete this course continue in LATN 2211 and LATN 2212. Previously LA 0111.

**LATN 2211 Readings in Latin Prose and Poetry I****3 Credits**

For students with a high school background or the equivalent in Latin, this course fills out that background through extensive readings in the principal authors and genres not read in high school. Previously LA 0210.

**LATN 2212 Readings in Latin Prose and Poetry II****3 Credits****Prerequisite:** LATN 2211.

A continuation of LATN 2211, this course fills out the student's background in Latin through extensive readings in the principal authors and genres not read in high school. Previously LA 0211.

## Faculty

## Director

Ruffini (History)

## Classical Studies Committee

Brill (Philosophy)

Drake (Philosophy)

Labinski (Philosophy)

Rose (Visual and Performing Arts)

Schwab (Visual and Performing Arts)

## Classical Studies Minor

For a 15-credit minor in Classical Studies, students complete the following:

Code	Title	Credits
Select five or more courses drawn from the program's offerings and from related courses in other departments		15
Total Credits		15

Appropriate courses used for the minor in Classical Studies may also be used to simultaneously fulfill the core requirements in History, Philosophy, Arts, English Literature, and/or Modern and Classical Languages.

## Classical Studies Electives

Code	Title	Credits
<b>Art History</b>		
AHST 1111	Greek Art and Archaeology	3
AHST 1112	Etruscan and Roman Art and Archaeology	3
AHST 2209	Historic Plaster Cast Collection at Fairfield University	3
AHST 2210	Myth in Classical Art	3

AHST 2222	Byzantine Art	3
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**Classical Languages**

GREK 1111	Elementary Attic Greek	3
GREK 2211	Intermediate Greek Readings I	3
GREK 2212	Intermediate Greek Readings II	3
LATN 1111	Basic Latin	4
LATN 2211	Readings in Latin Prose and Poetry I	3
LATN 2212	Readings in Latin Prose and Poetry II	3

**English**

ENGL 1060	Masterpieces of Greek Literature in English Translation	3
ENGL 1070	Masterpieces of Roman Literature in English Translation	3
ENGL 1080	Myth in Classical Literature	3
ENGL 1090	Greek Tragedy in English Translation	3
ENGL 1270	Romantic Love in Greek and Roman Literature	3

**History**

CLST 1115	Greek Civilization	3
CLST 1116	Roman Civilization	3
HIST 2221	Hellenistic World, 336-30 BCE	3
HIST 2222	The Roman Revolution	3
HIST 2223	Roman World in Late Antiquity, 284-642 CE	3
HIST 3325	Athenian Democracy and Empire	3

**Philosophy**

PHIL 2200	Ancient Philosophy	3
PHIL 2205	Ancient Medicine & Philosophy	3
PHIL 2206	Philosophical Perspectives on Women in Classical Literature	3
PHIL 3300	Plato	3
PHIL 3301	Aristotle	3

## Classics Minor

For a 24-credit minor in Classics, students complete the following:

Code	Title	Credits
Select four courses in Latin		12
Select four courses in Greek		12
Total Credits		24

Appropriate courses used for the minor in Classics may also be used to simultaneously fulfill the core requirements in History, Philosophy, Arts, English Literature, and/or Modern and Classical Languages.

## Communication

The Communication program emphasizes theory, research, and application to examine the ways humans communicate, verbally and nonverbally, across a variety of levels and contexts. This is particularly important as communication shapes our ideas and values, gives rise to our politics, consumption and socialization, and helps to define our identities and realities. Its power and potential is inestimable. From the briefest of text messages to the grandest of public declarations, we indeed live within communication and invite you to join us in appreciating



its increasing importance in contemporary society. From Twitter and reality television to family relationships and workplace dynamics, communication is about understanding ourselves, our media, our relationships, our culture and how these things connect.

## Programs

The Department of Communication offers two majors and minors: Communication and Public Relations.

- Communication Major (p. 95)
- Communication Minor (p. 96)
- Public Relations Major (p. 96)
- Public Relations Minor (p. 98)

## Double Major and Minor Configurations

- **Communication and Public Relations Double Major:** Students must complete all Public Relations major requirements, plus eight additional Communication courses, including COMM 1100 and COMM 2200. COMM 4980 cannot be repeated. 57 credits total.
- **Communication Major with Public Relations Minor:** Students must complete all Communication major requirements, plus five additional courses. COMM 1102, COMM 2201, and COMM 3324 are required if not taken as part of the Communication major. COMM 4980 cannot be repeated. 45 credits total.
- **Public Relations Major with Communication Minor:** Students must complete all Public Relations major requirements, plus four additional Communication courses. COMM 2200 must be completed. COMM 4980 does not count toward the four additional Communication courses. 45 credits total.

## Independent Study and Internship Policies

The Department of Communication offers credit for independent study, COMM 4990, to highly self-motivated Communication and Public Relations majors in their junior or senior year of studies. Interested students must discuss and document their independent study proposals with a member of the communication faculty before registering for credit. As an elective course recommended only for the most motivated students, COMM 4990 does not satisfy any requirements in the communication or public relations majors (or minors), but counts towards graduation.

The Department of Communication also sponsors an active internship program for qualified (2.80 overall GPA) junior and senior majors. Students may earn no more than six internship credits. One three-credit internship course, COMM 4980, can be used in fulfillment of the final elective requirement in the Communication or Public Relations majors. Communication and Public Relations majors interested in applying for an internship complete the departmental internship application form before registering for COMM 4980.

## Courses

### COMM 1100 Human Communication Theories 3 Credits

This course introduces major theoretical perspectives that inform communication scholarship. This foundational course for the major emphasizes understanding human communication as a symbolic process that creates, maintains, and alters personal, social, and cultural identities. Students critique research literature in the communication field. This course counts in the social and behavioral sciences core curriculum for non-majors. Previously CO 0100.

### COMM 1101 Argument and Advocacy 3 Credits

This introduction to public speaking and the advocacy process includes topic identification; methods of organization, research, selection, and arrangement of support materials; audience analysis and adaptation; patterns and fallacies of reasoning; uses of evidence; logical proof; and refutation. Students practice and critique informative and persuasive presentations in this course, which is a skill required in all upper-level communication courses. Previously CO 0101.

### COMM 1102 Introduction to Public Relations 3 Credits

This course introduces public relations as a field of study and as a practice. Through building critical thinking and considering ethical behaviors, this course will not only introduce you to the various types of public relations but will also help you to become a critical consumer of the public relations efforts taking place in the world around you while developing your own public relations tools and strategies. Previously CO 0102.

### COMM 1108 Sports Broadcasting and Remote Television Production 3 Credits

**Attributes:** ENPC Digital Journalism Production Component  
This course introduces students to the principles and practice of the world of sports broadcasting. Topics include the history of the industry, its developing techniques, the aesthetic and narrative structure of television sportscasting, its economic impact on the industry, media law and ethics applied to the sports world, and its significant place within the general broadcast world. Previously FTM 0108.

### COMM 1130 Mass Media and Society 3 Credits

**Attributes:** GDCO Graphic Design: Communication  
This media literacy course offers theoretical and practical tools to critically analyze media texts, as well as understand different ways in which audiences interact with them. Students will inquire into how the pervasive mediation of human experience through mass communication channels affects almost every aspect of socialization processes and people's symbolic environment. The interplay between structural constraints conveyed in media's messages and humans' capacity to exercise interpretive agency is addressed through lectures, audiovisual examples, hands-on activities, and a variety of assignments aimed at discerning the elements that intervene in the construction and reception of media texts, beyond their apparent components. This course counts in the social and behavioral sciences core curriculum for non-majors. Previously CO 0130.

### COMM 2200 Interpersonal Communication Theories 3 Credits

**Prerequisite:** COMM 1100.

An examination of one-to-one relationships from a variety of theoretical perspectives, this course focuses on the centrality of communication in building familial bonds, friendships, and work teams. Students examine factors influencing interpersonal communication such as language, perception, nonverbal behavior, power, status, and gender roles. Previously CO 0200.

**COMM 2201 Persuasion****3 Credits****Prerequisite:** COMM 1100 or COMM 1102.

This course develops students' understanding of the major theoretical approaches to the study of persuasion as a particular type of social influence, giving specific attention to the processes of interpersonal influence and the media's role in changing social attitudes. Students construct communication campaigns to apply persuasion concepts and skills. Previously CO 0201.

**COMM 2202 Small Group Communication****3 Credits****Prerequisite:** COMM 1100 or COMM 1102.

This course examines the basic characteristics and consequences of small-group communication processes in various contexts including family, education, and work groups. The course stresses interaction analysis and team-building. Because the course involves examining small groups in process, students do a substantial amount of group work. Previously CO 0202.

**COMM 2205 Nonverbal Communication: Emojis, Emotions, and Employment****3 Credits****Prerequisite:** COMM 1100.

This course explores a wide variety of nonverbal behaviors including: proxemics, haptics, chronemics, kinesics, artifacts, paralinguistic cues, and written communication. The course uses an applied approach to enhance understanding of the impact of nonverbal behaviors on interpersonal, intercultural, and organizational communication contexts and interactions. The role of nonverbal cues in complementing, accenting, substituting, repeating, or contradicting verbal messages will also be examined. The importance of effectively using and interpreting nonverbal behaviors in both personal (platonic and romantic) and professional relationships will be explored using textual analyses and participant-observation exercises. Previously CO 0205.

**COMM 2220 Introduction to Organizational Communication****3 Credits****Attributes:** BUEL Business Elective**Prerequisite:** COMM 1100 or COMM 1102.

Taking a historical and communication-centered approach to understanding how business and professional organizations function, this course addresses the analysis of upward, downward, and lateral communication; communication channels and networks; power and critical theory; organizations as cultures; internal and external public communication; and leadership. The course uses a case study approach. Previously CO 0220.

**COMM 2231 Media Institutions****3 Credits****Attributes:** ENDE Digital Journalism Elective**Prerequisite:** COMM 1130.

The course concentrates on the economic, political, and legal environment of U.S. mass media. Issues include examination of individual media industries, the economic structure of U.S. media markets, media law and regulation, media watchdogs, advocacy organizations, and media users' forms of collective action. The course's content is approached through an institutional analysis perspective, intended to facilitate students' understanding of institutions as dynamic points of confluence for organizations, norms, and individual agents. As part of the course's requirements, students conduct a research project exploring recent developments and/or decision-making processes within one of the major media institutions covered during the semester. Previously CO 0231.

**COMM 2236 Gender, Sexuality, and Media****3 Credits****Attributes:** UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** COMM 1130.

This course enables students to examine the relationship between the representation of women and the development of personal and social identity. Students explore issues of gender and reception, cultivating consumerism, body image, and developing relevant new images through theoretical readings as well as the analysis of various media, including television, film, magazines, and advertisements. The course also covers the experiences of women in a variety of media professions. Previously CO 0236.

**COMM 2237 Sports, Media, and Culture****3 Credits****Attributes:** UDIV U.S. Diversity

Sports have long played a vital yet complex role in culture and this course examines the intersection of sports, the mass media, and society. Drawing upon Durkheimian theory, we will appraise and debate the ways in which sports are functional or problematic in their impact on and relationship to players, fans, journalists, co-cultural groups, and nations. Students will read both scholarly and journalistic reflections, view popular and documentary films, and analyze fan experiences, mediated presentations, and critical social issues. In short, we will go beyond the box score to understand the importance and deconstruct the hype that accompanies modern sports. Previously CO 0237.

**COMM 2238 Communication and Popular Culture****3 Credits****Attributes:** ASCO American Studies: Communication**Prerequisite:** COMM 1130.

This course takes the cultural artifacts that engulf us, from fashion to television and from music to comic books, and removes these practices and texts from simply being 'entertainment' or 'diversion' and asks what these things mean, how they constitute power, and how they shape and reflect the lived experiences of consumers. This course takes very seriously those things that are typically discarded as lacking substance and instead suggests that the meanings and impact of popular culture have dramatic consequences for political, social, and cultural life in the United States. Previously CO 0238.

**COMM 2239 Consumer Culture****3 Credits****Attributes:** UDIV U.S. Diversity**Prerequisite:** COMM 1130.

This course explores how social meanings are constructed through commodities and material society, how consumer goods and practices create categories of social difference. In particular, the course focuses on the intersections of consumer practices and gender/sexuality, race and class, articulating the relationship between communication and consumption practices and social/cultural identities. Theoretical approaches include Marxism, Postmodernism, and other economic and social critiques, and explore research methods to empirically investigate questions of culture. Students reflect on questions of social justice in relation to an increasingly materialistic society as they seek to become citizens prepared to 'consume with a conscience.' Previously CO 0239.

**COMM 2240 Intercultural Communication****3 Credits****Attributes:** INEL International Studies / International Business Elective, UDIV U.S. Diversity**Prerequisite:** COMM 1100 or COMM 1102 or INST 1050.

This course deals with challenges to communication between people of different cultural backgrounds, emphasizing the ways communication practices reveal cultural values and the role of communication in creating and sustaining cultural identities. Students discuss how differences in value orientation, perception, thought patterns, and nonverbal behavior cause misunderstanding, tension, and conflict in business, education, and healthcare settings. Previously CO 0240.

**COMM 2241 Communication and Culture: East and West****3 Credits****Attributes:** ANMC Asian Studies Elective, INEL International Studies / International Business Elective, WDIV World Diversity**Prerequisite:** COMM 1100 or COMM 1102 or INST 1050.

This course examines the dynamics of culture and communication focusing on the East-West dyad. It helps students gain a better understanding of why and how cultural issues influence our communication. The course explores the East-West cultural similarities and differences in values, communication processes, cognition, and relationships. It will enhance students' intercultural awareness and sensitivity in our increasingly globalized society. Previously CO 0241.

**COMM 2242 Alcohol, Addiction, and Culture****3 Credits****Attributes:** HSSS Health Studies: Social Science**Prerequisite:** COMM 1100 or COMM 1102.

From the time we are young children through our adult lives we are exposed to countless alcohol advertisements and engage in myriad alcohol-focused conversations with family, friends and coworkers. This course draws on perspectives from the personal to the institutional to critically examine the conversations on alcohol consumption, promotion, education and recovery from a health communication perspective. Through service learning opportunities with local high school seniors, students in the course reflects on the ways in which we talk about alcohol use, abuse, and alcoholism, and how that 'talk' cultivates harmful and helpful perceptions and behaviors. Previously CO 0242.

**COMM 2246 Family Communication****3 Credits****Attributes:** UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** COMM 1100 or COMM 1102 or COMM 1130.

In this course students come to understand how families are constituted through symbolic processes and interaction; explore the verbal and non-verbal communication behaviors that are developed and preferred in different kinds of families; learn various theories for understanding family interactions at the individual, dyadic, group, and systems levels; analyze family communication patterns using established theories and methods; connect family dynamics to social trends and processes including the roles of the mass media and popular culture; and explore ways culture, class, gender, and sexuality affect and are affected by family structures, roles, and communication patterns. Previously CO 0246.

**COMM 2250 Sports Media Industry****3 Credits****Prerequisite:** COMM 1130.

This course critically examines the assemblage of corporations, institutions, and actors that make up the sports media industry, with a focus on the practices, policies, and relationships within and between them. The course will combine academic readings from media studies, media industries studies, and sports studies with readings from popular press and trade publications to examine the sports media industry from differing angles: historical, technological, cultural, economic, and institutional. Further, students will critically engage with pressing issues in the industry including conglomeration, industry changes from technological shifts, discrimination and inequality, and the tensions between entertainment, journalism, and politics. Previously CO 0250.

**COMM 2252 Broadcast Communication****3 Credits****Prerequisite:** COMM 1100 or COMM 1101.

This course offers an overview of the field of and skills associated with broadcasting on television. The goal is to make you a more effective communicator in a fast paced industry by learning how to think, report, and write like a broadcaster. Students will also learn the importance of powerful storytelling through writing and the use of video and sound.

**COMM 2333 Public Relations Strategy Development****3 Credits****Prerequisite:** COMM 1102.

This course provides an overview of the concepts and the strategic process of public relations (research, planning, program, and evaluation) by analyzing the public relations cases. This course introduces primary functions of public relations (e.g., media relations, employee relations, consumer relations, community relations, crisis communication, and social media engagement) in different sectors including corporate, non-profit, and government. Upon the course completion, students will understand the purpose of public relations programs and research and be able to develop an appropriate public relations strategy to solve problems.

**COMM 3233 Information Technologies: Economics, Law, and Policy****3 Credits****Attributes:** ENDE Digital Journalism Elective**Prerequisite:** COMM 1130.

An in-depth exploration of current issues and trends that shape the institutional environment of information industries and new media, both domestically and globally. By digesting and analyzing a diversity of scholarly sources, news reports, and materials generated by multiple stakeholders, students will gain a critical perspective on major economic, legal, and policy questions that affect the production, access to, circulation, and processing of digital content, such as broadband penetration, regulation of intellectual property, crowdsourcing, privacy, surveillance, net neutrality, emerging revenue models for information goods, and regulation and governance of the Internet. Previously CO 0233.

**COMM 3245 Identities, Discourse, and Social Change 3 Credits**

**Attributes:** BSFC Black Studies Focus Course, BSSS Black Studies: Social and Behavioral Sciences, PJST Peace and Justice Studies, UDIV U.S. Diversity, WSGC Women, Gender, and Sexuality Studies: Gender Component

**Prerequisite:** COMM 1100.

Grounded in the premise that identities are inseparable from communication, this course focuses on the negotiation of, and the discursive practices pertaining to, social identities by exploring the intersections of ethnicity-race, gender, sexuality, social class, ability, and age. Given that individual-group differences matter, this course addresses social issues and concerns by concentrating on how structures of power and privilege shape understandings of salient social identities within the United States. Additionally, this course will raise questions about the role of communication research in fostering social change. Previously CO 0245.

**COMM 3248 Health Communication 3 Credits**

**Attributes:** HSSS Health Studies: Social Science

**Prerequisite:** Sophomore standing.

This course surveys the multidimensional processes used to create, maintain, and transform complex scientific information into everyday healthcare practices. A major emphasis is on the processes and complexities of communicating health information in a variety of settings (in hospitals, families, insurance companies, policy organizations, etc.) and through different channels (face-to-face, in medical records, through the mass media, etc.). We will study the verbal and non-verbal communication behaviors of providers, patients, families, insurers, and others in healthcare contexts, as well as health-related messages in the mass media, in order to understand effective and problematic communication about illness and health. Previously CO 0248.

**COMM 3322 Leadership Communication 3 Credits**

**Prerequisites:** COMM 2220, junior standing.

This course examines the processes and complexities of being a leader in today's dynamic organizational environment. The course explores the leadership styles, traits, and communication skills required of effective leaders. In addition, theories of leadership and the impact of culture and ethics, both historically and currently, will be studied. This course uses a combination of lecture, discussion, individual and group learning opportunities, including interviews of professional and community leaders, as well as a written and oral research projects to aid in students' assimilation of the material. Previously CO 0322.

**COMM 3323 Gender and Organizing 3 Credits**

**Attributes:** WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisites:** COMM 2220, junior standing.

Gender is central to how we organize our lives. The way we communicate about gender can enhance or undermine all of our relationships. The purpose of this seminar is to augment, or even change, our understanding of the relationship between gender, communication, and organizations. Specifically, the goal for this course is to use a combination of scholarly essays and journal articles as well as popular news media to examine critically topics such as femininity, masculinity, and sexuality within the following contexts: education, sports, politics/government, leadership, the military, and other professions and organizations. Previously CO 0323.

**COMM 3324 Crisis Communication 3 Credits**

**Attributes:** HASM Humanitarian Action Minor Skills/Method Course

**Prerequisites:** COMM 1102, sophomore standing.

This course discusses key concepts, principles, and best practices of crisis communication. Intersections with other areas of the communication field will also be addressed, including public relations and organizational and risk communication. Students will understand the role strategic communication, power, stakeholders, and organizational culture play during a crisis. This course analyzes case studies of previous crises and will ask students to provide their own plans and critical assessments of recent crises. Previously CO 0324.

**COMM 3325 Organizational Communication and Advertising 3 Credits**

**Prerequisites:** COMM 2220, junior standing.

This course will highlight how organizations market, promote, and advertise their brands. The importance of advertising for organizations, consumers, and the U.S. economy will also be a central focus of this class. Furthermore, the critical roles of research, audience analysis, persuasion, and effective communication in altering consumers' perceptions will be explored from both theoretical and applied perspectives. The value of deconstructing ads from a consumer, brand manager, and advertiser's viewpoint will be stressed and explored. In addition, the historical and contemporary ethical implications of advertising, especially in health care and for children, will be closely examined. Previously CO 0325.

**COMM 3331 American Media / American History 3 Credits**

**Attributes:** ENDE Digital Journalism Elective

**Prerequisites:** COMM 1130, junior standing.

This course examines the role of communication media in history, as well as the history of the media industries. From the earliest media of symbolic interaction to the newest technologies, the course examines why different media come into being, how they function in various societies, and their impact. Students come to understand how media have been influential in maintaining social order and as agents of change. The course pays attention to a variety of national media and international perspectives, with special emphasis on the evolution of American broadcasting. Previously CO 0331.

**COMM 3333 Public Relations Management and Campaigns 3 Credits**

**Prerequisite:** COMM 1102.

This course is designed to introduce students to the process of campaign development, management, and evaluation, and marks the transition from student to professional. This course builds on the public relations courses you have taken previously, and by the end of this course, you should have synthesized your PR knowledge from various texts and courses. The primary goal of this course is to help you master the elements of a strategic communication campaign through direct experience as a practitioner.



**COMM 3334 Comparative Media Systems****3 Credits****Attributes:** ENDE Digital Journalism Elective**Prerequisites:** COMM 1130, junior standing.

This course provides a comparative overview of the economic and regulatory structure of media industries worldwide. By exploring the ways in which different institutional frameworks, structural factors, and audiences' agency affect mass communication within and across regional borders, this course offers a comprehensive picture of common and interdependent processes underlying the individual development of media industries in each region. Students learn about emerging market and research trends concerning international media. Issues related to free flow of messages, social responsibility, universal access, intellectual commons, participatory communication, developmental communication, and cultural diversity in the global exchange of media messages through discussion of current, real-life cases, as well as through design and execution of an original research project. Previously CO 0334.

**COMM 3335 Globalization, Media, and Culture****3 Credits****Prerequisites:** COMM 1130 or INST 1050; junior standing.

Globalization, a complex and transformative process that influences our lives at every level, has produced the increased flow of goods, capital, people, knowledge, images, crime, pollutants, drugs, fashion, viruses, and beliefs across territorial and ideological boundaries of all kinds. This course focuses on the role of communication media (radio, television, film, computers) in the processes of globalization and examines the impact of globalization on cultural representations, cultural identity, and international relations. Previously CO 0335.

**COMM 3336 Media Infrastructures****3 Credits****Prerequisite:** COMM 1130.

This course brings together theoretical frameworks from media studies, urban studies, and science and technology studies to consider how, often invisible, infrastructures enable or preclude the mobility of texts, people, and ideas across the globe. Foregrounding critical infrastructure studies, which focuses on the relationship of infrastructures with power, it will take up questions of access, exclusion, breakdown, and agency in relation to urban environments, digital cultures, and global politics. Previously CO 0355.

**COMM 3337 Visual Communication****3 Credits****Attributes:** GDCO Graphic Design: Communication**Prerequisites:** COMM 1130, junior standing.

This course provides a broad introduction to the structure, conventions, and effects of visual communication with a theoretical emphasis on media ecology. The first half is devoted to understanding formal properties including examining the basics of vision, techniques for visual persuasion, and the language of cinematography and editing. The second half surveys more controversial issues like digital manipulation and violence and sex in media. Course material and assignments will be drawn from media domains including advertising, photo/video journalism, and video games. Students will read both theoretical contributions to and empirical investigations of the field. Previously CO 0337.

**COMM 3340 Conflict Communication****3 Credits****Prerequisites:** COMM 2200 or COMM 2220; junior standing.

Conflict is a natural part of human life that has a variety of potential consequences. Although conflict can be disruptive and destructive, it can also be constructive and lead to improved adjustment and better decisions. The course is designed to offer you opportunities to enhance and improve your techniques and skills in managing conflict and moving them in a productive direction. The course examines the dynamics of human conflict across a variety of settings from personal relationships to the workplace, with special attention to the communication processes that escalate, manage, and mediate conflict. Previously CO 0340.

**COMM 3342 Technoculture and Information Society****3 Credits****Prerequisites:** COMM 1130, junior standing.

This course explores phenomena, trends, and theories related to emerging information and communication technologies (ICTs), as well as relationships among those technologies, socio-economic structures, 'old' media institutions, media users, and culture. Through a combination of theoretical and practical explorations that emphasize historical, ethical, and critical thinking, the course introduces students to academic and non-academic perspectives on new media. Previously CO 0342.

**COMM 3344 Interracial Communication****3 Credits****Attributes:** BSFC Black Studies Focus Course, UDIV U.S. Diversity**Prerequisites:** COMM 2200, junior standing.

This course focuses on the ways in which communication theories and research can improve the existing state of race relations in the United States. Throughout the course, up-to-date issues that surface locally and nationally in the media that illustrate the relevance of improved interracial communication will be addressed through class discussion and linked to course assignments. Using case studies to explore interracial exchanges in close relationships, at the workplace, and reflected in social media, students will link theory with practical applications in an effort to better understand interracial communication. Previously CO 0344.

**COMM 3345 Relational Communication****3 Credits****Prerequisites:** COMM 2200 or COMM 2220; junior standing.

Close relationships can bring us a great deal of joy, happiness, and love, but unfortunately they can also be sources of frustration, pain, and conflict. This course is designed to help us understand the critical role of communication in developing, maintaining, and terminating close relationships with romantic partners, friends, and family members. The course examines the most current research and theory on a variety of topics that are central to understanding and maintaining close relationships, with a focus on attraction, attachment, conflict, power, emotion, transgression, reconciliation, and termination. Previously CO 0345.

**COMM 3347 Communication in Healthcare Organizations****3 Credits****Attributes:** HSSS Health Studies: Social Science**Prerequisite:** Junior standing.

This course explores the organizational communication of modern U.S. healthcare organizations, including: managed care, insurers, healthcare systems, and Medicare/Medicaid. The primary purposes of this course are to provide an understanding of how communication within, and from healthcare corporations impacts the organization, its employees, the health of its customers and U.S. healthcare delivery. This course will evaluate and explore the multidimensional processes involved in healthcare organizations and how communication is critical to their success or failure and to the health and well-being of their customers. Previously CO 0347.

**COMM 3348 Health Risk Communication****3 Credits****Attributes:** EVAP Environmental Studies: Applied Professional Skills**Prerequisite:** Junior standing.

This course examines the communication theories and research that underlie the study of risky behaviors and the development of effective responses to perceived risks. This course provides an understanding of how communication impacts our assessment of risk, critical thinking and policy making about risk prevention and response, and the creation of preventive programs and campaigns. Students will evaluate and explore the multidimensional processes involved in researching and responding to sustained risks or emergency situations, utilize communication theory to develop appropriate campaigns, and assess their success or failure. Topics may focus on health and environmental risks, security, or disaster response. Previously CO 0348.



**COMM 3351 Dark Side of Communication****3 Credits****Prerequisite:** COMM 1100.

This course will examine aversive and problematic interactions in the interpersonal, organizational, and instructional settings. Sample topics include hurtful messages, stalking, aggression, jealousy, fatal attraction, and conflict. Students will take a research-based approach to understanding these undesirable, yet very common, communicative messages. Previously CO 0351.

**COMM 4318 Lying and Deception****3 Credits****Prerequisite:** COMM 2200.

Deception, defined as 'a message knowingly transmitted by a sender to foster a false belief or conclusion by the receiver' (Buller & Burgoon, 1998, p. 381), is relatively common. Despite this, we often assume that others are honest and have negative views of deception. At its core, deception represents a discrepancy between thoughts/feelings and the message withheld/expressed. Therefore, this advanced level Communication course will examine various research approaches to understanding deception, motives for deception, and the implications of communicating deception. Previously CO 0318.

**COMM 4321 Communication Processes in Organizations:****Negotiation****3 Credits****Attributes:** EVAP Environmental Studies: Applied Professional Skills**Prerequisites:** COMM 2220, junior standing.

This course reviews and explores, through simulation and experiential learning, negotiation as a communication process in and among organizations. It focuses on core concepts and approaches to negotiation, and exercises the negotiative process in a contemporary context. In this course, which is open to majors and minors in communication and other disciplines related to the study of humans and their organizations in the work world, participants carry out individual and team work, and contribute on time and proportionately to team preparations and class simulations. Previously CO 0321.

**COMM 4326 Palliative Care Communication in the United States and Ireland****3 Credits****Attributes:** HSSS Health Studies: Social Science**Prerequisite:** Junior standing.

This is an interdisciplinary, intercultural course that applies a bifocal (communication and healthcare) lens to the study of palliative care. The course is intended to explore this relatively new area of health care delivery (quality of life vs. cure) and the critical role communication plays in accomplishing the interdependent goals of providers, patients, and families in the United States and Ireland. Since palliative care should be for all chronically and/or terminally ill patients across the life cycle, students will critically examine, from both health care and communication perspectives, the differences in palliative care delivery in the United States and Ireland. Open to students with majors or minors in communication, health studies, nursing, public health, or public relations, as well as health professions students. Previously CO 0326.

**COMM 4330 Misinformation in Digital Media****3 Credits****Prerequisites:** COMM 1130, junior standing.

This course critically examines the causes for, and the consequences of, the proliferation of false and misleading information in online spaces. While the ubiquity of false information online is often talked about as if it is random or inevitable, this class will detail the specific mechanisms by which false information is produced, spread, and consumed. More importantly, it will contextualize the practice within larger social, culture, and geopolitical environments and connect it to the larger history of misinformation and media technologies. Finally, the course will prepare students to combat false and misleading information encountered in their own media diets. Previously CO 0330.

**COMM 4332 Children as Media Consumers****3 Credits****Prerequisites:** COMM 1130, junior standing.

This course aims to provide a forum for advanced Communication students to explore the patterns of children's media consumption, focusing primarily on children's use of the so-called 'screen media' (television, video games, and the internet), and to investigate the multi-faceted consequences (both positive and negative, social and individual) of children's media consumption. Students will draw upon contemporary theories of communication to assess the content of children's media and its effects on children as a particular segment of the audience. Students will develop an informed understanding of children as media consumers, advocating for the production of 'quality' content in children's media. Previously CO 0332.

**COMM 4333 News Media and Democracy****3 Credits****Attributes:** ENDE Digital Journalism Elective**Prerequisites:** COMM 1130, junior standing.

The news media play an essential role in changing America and the world. By bridging theory with practice, this course aims to equip students to become critical news consumers with a skilled understanding of how that works and politically literate about the big issues of our time. Through classic scholarly reflections as well as contemporary punditry, we will tackle the news media 'critically' across three dimensions: learning about its indispensable function in mediating politics and democracy throughout history and today; studying and practicing the craft of opining writing and social advocacy; and evaluating and critiquing the performance of the press in these matters. Previously CO 0333.

**COMM 4336 Social Media****3 Credits****Prerequisites:** COMM 1130, junior standing.

At the turn of the millennium, social media was still an unknown term; today, it is inescapably altering the landscape of our world and our lives in complex ways. This course examines social media by historicizing what is timeless about it and charting its new frontiers for humankind. Through a mix of scholarly, journalistic, and professional industry readings on social media, we will explore how culture, community, and identity are being reshaped alongside politics, business, and (what was once called) the mass communication industry. Previously CO 0336.

**COMM 4339 Topics in Media Theory and Criticism****3 Credits****Prerequisites:** COMM 1130, junior standing.

This course provides an opportunity to examine in depth particular media theories or to conduct careful media analysis and criticism. The course emphasizes contemporary theoretical and/or methodological approaches to the close analysis of television, radio, newspaper, the Internet, and/or magazine texts so as to understand the ways meaning is constructed and situated within the larger social context. Topics may include mass media and the public sphere; television criticism; sex, lies, and videos; and children and the media. Students may take this course up to two times with different topics. Previously CO 0339.

**COMM 4341 End of Life Communication****3 Credits****Attributes:** HSSS Health Studies: Social Science**Prerequisite:** Junior standing.

This course focuses on the only reality for every human being: death. However, in spite of its certainty, American culture tends to minimize or ignore discussions of death and provides little insight into effective communication strategies for healthcare providers, family members, friends, and lovers. The complexities of this unique communication will be assessed vis-à-vis an applied approach that includes a service-learning opportunity at a 51-bed hospice. In addition, the course will include self-reflection, autoethnography, an exploration of scholarly research in palliative communication, and scholarly interaction between undergraduate students in the classroom and the hospice setting. Previously CO 0341.

**COMM 4343 Ethics and Medical Marketing Communication****3 Credits****Attributes:** HSSS Health Studies: Social Science**Prerequisite:** Junior standing.

This course will explore the dialectical tensions between the need for safe and effective products/services and the expectations for corporations to generate profits and dividends for their stakeholders. This course will use an applied ethics lens to examine the organizational, marketing, advertising, and corporate communication to clients, consumers, vendors, and investors. The content and ethical implications of marketing communication (from a variety of organizational perspectives: healthcare, economics, cultural, etc.) on expected and unintended outcomes will also be discussed and analyzed. Previously CO 0343.

**COMM 4346 Communication and Spirituality****3 Credits****Prerequisites:** COMM 2200, junior standing.

This course engages a critical understanding of the way in which spirituality is constructed through communication. Using the unique perspectives and empirical tools of the communication discipline, the course seeks to familiarize students with the variety of ways in which spirituality has been studied both within and outside of religion. Examining various contexts that engage spiritual discourses, from interpersonal communication settings to organizational, health and mass mediated settings, students reflect on the potential for spiritual discourses to transform individuals and society, and consider their own participation in such discourses. Previously CO 0346.

**COMM 4350 Family Crisis Communication****3 Credits****Attributes:** HSTE Health Studies: Traditions, Delivery, and Ethics**Prerequisite:** Junior standing.

From health to economic and relational crises, this course addresses the complexities of family communication in the context of our increasingly diverse family constructions. The course asks: What is the role of communication in helping families navigate challenging moments? We ask this question while developing our understanding of family as a social construction, exploring the ways in which crisis communication in the family is historically and culturally situated. Through readings and reflections on family life, the course recognizes multiple perspectives on 'normal' family interaction in stressful circumstances, with a critical understanding of our own assumptions about the family construct. Previously CO 0350.

**COMM 4352 Global Mediated Activism****3 Credits****Prerequisite:** COMM 1130.

This class critically examines processes by which publics use and are used by media in the quest for social change around the globe. Social movements have frequently objected to their representation by mainstream media industries and sought to either affect coverage or produce their own media platforms and narratives. The possibilities for mediated activism have increased in an era of user-generated content, while also introducing increasing competition for the time, attention and enthusiasm of publics. Through theories of social movements, communication technologies and publics this course will address processes of assembling publics in an increasingly mediated society. Previously CO 0352.

**COMM 4360 Reality, Media, and Society****3 Credits****Prerequisite:** COMM 1130.

'Reality' informs the frameworks and content of our highly-mediated world in immense ways. Upon completion, students will be able to assess the various ways in which reality is constructed and framed in current media industries and contexts, and to witness and challenge the ways reality is changing in modes of presentation in emerging media contexts. The course will equip students with the ability to interrogate and question reality in its various industries, landscapes, and disciplines, including those of philosophy, sociology, politics, and media/cultural studies. Previously CO 0360.

**COMM 4900 Special Topics (Shell)****3 Credits****Prerequisites:** COMM 2200, COMM 2220, COMM 2240, junior standing.

This course focuses on a specific context where social identities are negotiated through particular discursive practices, emphasizing the verbal and nonverbal communication behaviors that are appropriate in this context and through which people constitute and perform their identities. The course examines symbolic practices and communication norms in families, self-help groups, television talk shows, cyber communities, social movements, and genders/sexualities, using approaches such as symbolic convergence theory, social constructivism, ethnography of communication, and conversational analysis. Students may take this course up to two times with different topics. Previously CO 0349.

**COMM 4980 Internship****1-3 Credits****Prerequisite:** Junior standing.

Communication internships provide students with first-hand knowledge about the field of work, allow them to experience new professional activities and relationships, help them apply conceptual knowledge and skills in communication in the work environment, and allow them to experience the problems and successes of efficiently and effectively communicating within a complex organization. One three-credit internship course can be used toward the major. Students may take an internship twice for credit. Students must have a GPA of 2.8 or higher. Enrollment by permission only. Previously CO 0399.

**COMM 4990 Independent Study****1-3 Credits****Prerequisite:** Junior standing.

This course allows students to thoroughly investigate communication concepts, theories, or issues presented in a previously completed communication course. Independent study does not substitute for any other required course(s) in the communication program and students' investigations must be scholarly in intent. An independent study may be taken no more than twice. Enrollment by permission only. Previously CO 0397.

**COMM 4999 Capstone: Research Projects in Communication 3 Credits**

**Prerequisites:** COMM 1101, COMM 1130; COMM 2200 or COMM 2220; senior standing.

This course allows students to demonstrate their expertise as communication scholars through discussion and evaluation of contemporary research in communication. The course examines qualitative and quantitative methodologies in understanding the research design process. As members of research teams, students design and conduct research projects related to their areas of concentrated study. This is the required major capstone course. Previously CO 0309.

## Faculty

### Professors

Horan, *chair*

Zhang, Q.

### Associate Professors

Pagano

Wills

### Assistant Professors

Brennan

Iddins

Rugg

Ryan

Yook

Zhao

### Professors Emeriti

Nedela

## Communication Major

The study of Communication at Fairfield University focuses on the description and analysis of how humans acquire, process, and use information in a variety of contexts. As one aspect of a liberal education, undergraduate work in communication helps students:

- Become more aware of factors that influence and are influenced by human communication behavior and media practices.
- Develop intellectually by providing a basis from which to analyze, synthesize, and critically evaluate messages from varied sources, including the media.
- Learn techniques and strategies to propose policies, advocate positions, and persuasively express themselves in various contexts in the pursuit of a more just society.

Communication courses engage students actively in understanding interaction in interpersonal, organizational, health, public, mediated, and cultural contexts. Students who successfully complete the Communication major will be able to:

1. Recognize the centrality of communication in constructing, sustaining and transforming meaning, identities, relationships, communities and cultures.
2. Apply communication theories and concepts to everyday face-to-face and computer-mediated interactions.

3. Demonstrate critical thinking in argumentation, research, and message creation.
4. Demonstrate oral and written competencies in building and evaluating arguments, and designing, conducting, and reporting original communication content and research.

## Requirements

To earn a 30-credit major in Communication, students follow a program of study designed to develop breadth and depth of knowledge about communication processes in a variety of contexts. The Communication major consists of 10 three-credit courses. All Communication majors complete a set of five required courses known as Communication Foundations. With the aid of the Communication faculty, students have the ability to focus their studies in several areas of interest and to develop a personalized trajectory that best suits their theoretical and applied interests. Communication majors are strongly encouraged to complete minors related to their areas of interest, to continue their foreign language beyond the intermediate level, to study abroad, enroll in service learning courses, and to pursue internships that allow for applied learning of theoretical material.

Students are encouraged to meet with faculty advisors to design a comprehensive academic plan that takes advantage of the varied offerings in the Communication Department as well as from complementary majors, minors and programs across the University.

Possible interest areas that can be pursued through a major in Communication include media studies, organizational communication, communication and the human condition, intercultural communication, critical and cultural studies, interpersonal communication, health communication, and other interest areas determined in consultation with a faculty advisor. Students should note that course offerings vary from semester to semester. Additionally, special topics courses as well as new course offerings may be developed from semester to semester that would complement particular areas of interest. The Communication Department Handbook for Majors, available on the University website, provides more specific suggestions regarding courses relevant to specific areas of interest.

The requirements of the communication foundations and the areas of interest are detailed as follows:

Code	Title	Credits
<b>Communication Foundations</b>		
COMM 1100	Human Communication Theories <sup>1</sup>	3
COMM 1101	Argument and Advocacy <sup>1</sup>	3
COMM 1130	Mass Media and Society <sup>2</sup>	3
COMM 2200	Interpersonal Communication Theories <sup>2</sup>	3
COMM 4999	Capstone: Research Projects in Communication <sup>3</sup>	3
<b>Communication Interests</b>		
Select five additional communication courses, including at least one 3000- or 4000-level course <sup>4</sup>		15
Total Credits		30

- <sup>1</sup> COMM 1100 and COMM 1101 are the foundational courses in the communication major. Students should plan to take both courses during the same semester, preferably during their first or second year. COMM 1100 and COMM 1101 should be completed before taking 2000-level and higher courses.
- <sup>2</sup> Students should plan to enroll in COMM 1130 and COMM 2200 after successful completion of COMM 1100 and COMM 1101. COMM 1130 and COMM 2200 need not be taken during the same semester.
- <sup>3</sup> Students complete COMM 4999, the required capstone course, during their senior year.
- <sup>4</sup> The upper-level course may not include COMM 4980 Internship or COMM 4990 Independent Study.

Notes

- With the approval from the Department Chair, double majors may 'double count' up to two courses from their second major as Communication electives. Some second major and minor programs may also choose to 'double count' Communication courses to satisfy the second major or minor requirements. Students should check with those second major or minor chairs for approval.
- COMM 4980 Internship may be counted toward the major once only. Although two internships may be completed for academic credit (up to six credits), only three credits will count toward the communication major.
- Independent studies do not count toward the communication major.
- Special topics courses (COMM 4339 and COMM 4900) may each be taken twice for credit if the titles of the courses are different.

Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

Communication Minor

To earn a 15-credit minor in Communication, students complete the following:

Code	Title	Credits
COMM 1100	Human Communication Theories	3
COMM 1101	Argument and Advocacy	3
COMM 1130	Mass Media and Society	3
COMM 2200	Interpersonal Communication Theories	3
Select one additional 2000-level or higher communication course <sup>1</sup>		3
Total Credits		15

<sup>1</sup> Communication minors may not enroll in COMM 4980 Internship or COMM 4990 Independent Study.

Note: Communication majors receive priority registration for all Communication courses.

Public Relations Major

The study of Public Relations at Fairfield University focuses on clear, effective and ethical communication that creates change and advocates

for those with the least access to wider audiences. The study of public relations is not simply about press releases or “spin,” but instead about understanding how various communication channels and platforms are used to effectively communicate. Public Relations at Fairfield University is concerned with ethical argument and advocacy, clear writing, understanding interpersonal relationships, and thinking critically about how to shape stories aimed at specific stakeholders.

By completing a major in Public Relations students will be able to:

- 1. Apply the principles of primary and secondary research to public relations situations.
- 2. Apply basic public relations theories and principles to practice.
- 3. Create effective public relations and crisis management plans across media platforms utilizing clear and effective writing.
- 4. Deliver clear and effective presentations.
- 5. Create ethically sound and socially responsible public relations plans.
- 6. Synthesize broader liberal arts knowledge in the service of public relations plans.
- 7. Identify optimal means of communication across various media platforms and channels, audience and situational contexts.
- 8. Critically evaluate the work of others for clarity, appropriate style, ethical soundness and sensitivity.

Requirements

The major in Public Relations is a demanding 33-credit course major for undergraduate students that will engage students in the study of strategic communication and prepare students for a broad range of careers. The Public Relations major consists of 11 three-credit courses. All Public Relations majors complete a set of seven required courses known as public relations foundations. Public relations majors must also complete one writing course, one ethics course, and two electives. With the aid of the communication faculty, students have the ability to focus their studies in several areas of interest and to develop a personalized trajectory that best suits their theoretical and applied interests. Public Relations majors are strongly encouraged to complete minors related to their areas of interest, to continue their foreign language beyond the intermediate level, to study abroad, enroll in service-learning courses, and to pursue internships that allow for applied learning of theoretical material.

Students are encouraged to meet with faculty advisors to design a comprehensive academic plan that takes advantage of the varied offerings in the Communication Department as well as from complimentary majors, minors and programs across the University to fulfill their public relations major.

The requirements are as follows:

Code	Title	Credits
<b>Public Relations Foundations</b>		
COMM 1101	Argument and Advocacy <sup>1</sup>	3
COMM 1102	Introduction to Public Relations <sup>1</sup>	3
COMM 1130	Mass Media and Society	3
COMM 2201	Persuasion	3
COMM 2220	Introduction to Organizational Communication	3
COMM 3324	Crisis Communication	3

COMM 4999	Capstone: Research Projects in Communication <sup>2</sup>	3
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#### Writing Component

Select one of the following: 3

ENGL 1832	Business Writing
ENGL 1870	News Writing
ENGL 3236	Issues in Professional Writing

#### Ethics Component

Select one of the following: 3

AETH 2281	Ethics of Communications
AETH 3990	Independent Study
PHIL 2250	Ethical Theory
PHIL 3350	Advanced Topics in Ethics

#### Elective Courses

Select two courses from the following:<sup>3</sup> 6

##### Media-Focused Electives

COMM 2231	Media Institutions
COMM 3233	Information Technologies: Economics, Law, and Policy
COMM 2236	Gender, Sexuality, and Media
COMM 2238	Communication and Popular Culture
COMM 2239	Consumer Culture
COMM 3334	Comparative Media Systems
COMM 4336	Social Media
COMM 3342	Technoculture and Information Society
CPSC 1131	Fundamentals of Programming
CPSC 2304	Web Development
ENGL 1870	News Writing
ENGL 2370	News Writing II: Digital Design
ENGL 2380	Journalism Editing and Design
ENGL 3140	World of Publishing
ENGL 3320	Writing the Feature Story
ENGL 3340	Photojournalism
ENGL 3350	Issues in News Writing
ENGL 3360	Literary Journalism
MKTG 2241	Digital Marketing

##### Non-Profit and Policy-Focused Electives

COMM 2200	Interpersonal Communication Theories
COMM 2240	Intercultural Communication
COMM 2242	Alcohol, Addiction, and Culture
COMM 2246	Family Communication
COMM 3345	Relational Communication
COMM 4350	Family Crisis Communication
ENGL 1839	Grant and Proposal Writing
POLI 2103	Public Administration
POLI 2108	Political Parties and Interest Groups
POLI 2109	American Public Policy
POLI 2111	Media and Politics

##### Corporate Communications-Focused Electives

COMM 3322	Leadership Communication
COMM 3325	Organizational Communication and Advertising
COMM 3340	Conflict Communication

CPSC 1131	Fundamentals of Programming
CPSC 2304	Web Development
ENGL 1832	Business Writing
ENGL 1835	Technical Writing
ENGL 3140	World of Publishing
ENGL 3201	Persuasive Writing
ENGL 3236	Issues in Professional Writing
MKTG 1101	Principles of Marketing
MKTG 2212	Consumer Behavior
MKTG 2231	Advertising
MKTG 2241	Digital Marketing
MKTG 2311	Marketing Research
MKTG 3312	Global Marketing
MKTG 3321	Marketing Channels
MKTG 3322	Business-to-Business Marketing
MKTG 3331	Media Strategy
MKTG 3332	Public Relations Strategy

##### Healthcare-Focused Electives

COMM 2200	Interpersonal Communication Theories
COMM 2240	Intercultural Communication
COMM 2242	Alcohol, Addiction, and Culture
COMM 3248	Health Communication
COMM 4343	Ethics and Medical Marketing Communication
COMM 3347	Communication in Healthcare Organizations
COMM 3348	Health Risk Communication

<sup>1</sup> COMM 1101 and COMM 1102 are the foundational courses in the public relations major. Students should plan to take both courses during the same semester, preferably during their first or second year. COMM 1101 and COMM 1102 should be completed before taking the 2000, 3000, or 4000-level courses.

<sup>2</sup> Students complete COMM 4999, the required capstone course, during their senior year.

<sup>3</sup> A course taken as a required course can not "double count" as an elective. Students can select electives from one focus or multiple foci.

#### Notes:

- No course that counts toward the Public Relations major can be applied to 'double count' for the University core.
- With the approval from the Department Chair, **double majors** can 'double count' up to two courses from their second major as public relations electives. Some *second major* and *minor programs* may also choose to 'double count' public relations courses to satisfy the second major or minor requirements. Students should consult those second major or minor chairs for approval.
- Internships (COMM 4980) may be counted toward the major only once. Although two internships can be completed for academic credit (up to 6 credits), only 3 credits will count toward the Public Relations major.
- Independent studies do not count toward the Public Relations major.
- Special topics courses (COMM 4339 and COMM 4900) may each be taken twice for credit if the topics of the courses are different.



## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Public Relations Minor

To earn a 15-credit minor in Public Relations, students are required to complete the following:

Code	Title	Credits
COMM 1101	Argument and Advocacy	3
COMM 1102	Introduction to Public Relations	3
COMM 2201	Persuasion	3
COMM 3324	Crisis Communication	3
Select one Public Relations elective <sup>1</sup>		3
Total Credits		15

<sup>1</sup> See the list of electives (p. 96) in the Public Relations major. A writing course is highly recommended.

## Economics

The Arts and Sciences curriculum of the Department of Economics blends basic economic concepts and their applications with contemporary issues. Courses develop reasoning capacity and analytical ability in students. By focusing on areas of application, students use economic principles to stimulate their powers of interpretation, synthesis, and understanding. The department's individualized counseling encourages majors to tailor their study to career and personal enrichment goals. A major in economics provides an excellent background for employment in the business world while maintaining the objectives of a liberal education. The economics degree pairs nicely with a wide variety of double majors and minors, including finance, math, international studies, area studies, and other social sciences. In fact, many economic elective courses "double count" towards other major, minor, and core requirements. Economics majors regularly use a variety of up-to-date analytical tools, including Microsoft Excel and PowerPoint, and are introduced to Stata, a sophisticated statistical package. The economics major also prepares students for actuarial work and for advanced study in graduate or professional schools.

## Learning Outcomes for Economics Students

By the end of their degree programs, students who major in Economics should be able to use models, within an institutional framework, to understand and evaluate economic outcomes. These are the expected goals and student learning outcomes of the degree programs.

### Goal I:

Describe concepts and apply them to real world issues.

**Outcomes:** Students will be able to:

- Use economic theory to explain historical and current economic events.
- Demonstrate how economic theory can be applied in different market and institutional settings to solve problems.

### Goal II:

Use qualitative and/or quantitative models to interpret the impact of public policy choices.

**Outcomes:** Students will be able to:

- Identify how economic policies can be utilized to overcome market inadequacies.
- Evaluate the success or failure of policies designed to achieve intended economic outcomes.
- Construct economic arguments using quantitative and non-quantitative forms of evidence.

### Goal III:

Acquire quantitative skills to analyze data and use that data and analysis to support logical positions.

**Outcomes:** Students will be able to:

- Build data-gathering skills in order to analyze an economic argument that they find, or to design and present their own economic argument.
- Use Excel or other statistical software packages to analyze economic data.
- Formulate empirically testable hypotheses.

### Goal IV:

Understand the trade-offs between efficiency and equity that are made as resources are allocated among economic actors.

**Outcomes:** Students will be able to

- Appraise various market models and resulting resource allocations.
- Use welfare measures to analyze economic tradeoffs.
- Identify the challenges of promoting and securing economic growth, and appraise the resulting impact on resource and income distribution.

## Notes

The BA and BS degrees in the College of Arts and Sciences differ in the level of emphasis placed on quantitative analytical techniques. The BS degree has greater emphasis on Goal 3 above. The BA degree has great emphasis on policy analysis, which is articulated in Goal 2.

The BS degree in the Dolan School of Business with a major in Economics has greater emphasis on Goals 1 and 3, which incorporate applications to real world settings and quantitative analysis.

## Programs

### College of Arts and Sciences

- Economics Major - Bachelor of Arts (p. 102)
- Economics Major - Bachelor of Science (p. 102)
- Economics Minor (p. 103)

### Dolan School of Business

- Economics Major - Bachelor of Science (p. 271)

## Courses

### ECON 1011 Introduction to Microeconomics

3 Credits

This course analyzes the behavior of individual consumers and producers as they deal with the economic problem of allocating scarce resources. The course examines how markets function to establish prices and quantities through supply and demand, how resource costs influence firm supply, and how variations in competition levels affect economic efficiency. Topics may include antitrust policy, the distribution of income, the role of government, and environmental problems. Previously EC 0011.

### ECON 1012 Introduction to Macroeconomics

3 Credits

This course develops models of the aggregate economy to determine the level of output, income, prices, and unemployment in an economy. In recognition of the growing importance of global economic activity, these models incorporate the international sector. The course examines and evaluates the role of public economic policy, including fiscal and monetary policy. Topics may include growth theory and price stability. Previously EC 0012.

### ECON 2112 Economic Aspects of Current Social Problems

3 Credits

**Attributes:** LCEL LACS Minor: Elective

This course uses a policy-oriented approach to study contemporary economic issues. Topics include government spending, the role of federal budgets in solving national problems, poverty, welfare, social security, population, the limits to growth controversy, pollution, energy, and regulation. Previously EC 0112.

### ECON 2114 Economics of Race, Class, and Gender in the American Workplace

3 Credits

**Attributes:** EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course examines the impact of race, class, and gender differences on decisions made in households and in the workplace. It begins with an in-depth analysis of labor supply decisions and responsibilities of households, moving to an examination of labor demand decisions and wage-rate determination. The course reviews applications of theoretical predictions as they relate to important public policy issues such as child and elder care, social security, pay equity, the glass ceiling, affirmative action, sexual harassment, and poverty. Previously EC 0114.

### ECON 2120 Introduction to Environmental Economics

3 Credits

**Attributes:** ANMC Asian Studies Elective, EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, EVSS Environmental Studies: Social Science, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective

This course, which presents an overview of the theory and empirical practice of economic analysis as it applies to environmental issues, first establishes a relationship between the environment and economics. It then develops the concept of externalities (or market failures) and the importance of property rights before exploring the valuation of non-market goods. It examines the practice of benefit-cost analysis and offers economic solutions to market failures, while highlighting pollution control practices, especially those based on incentives. Throughout, the course examines current issues regarding environmental protection around the globe. Previously EC 0120.

### ECON 2140 Health Economics

3 Credits

**Attributes:** HACA Humanitarian Action Minor Context Course, HSSS Health Studies: Social Science, PJST Peace and Justice Studies

This course begins by applying microeconomic theory to the health sector of the U.S. economy. The U.S. experience will be generalized to global health issues and alternative health care systems. Topics include the demand for health care and health insurance, managed care and the role of government, physician compensation, and specialty choice, the role of nurses and other healthcare professionals, the hospital sector, and medical cost inflation. Previously EC 0140.

### ECON 2150 Media Economics

3 Credits

This course analyzes the operation and consumption of the music, television, and entertainment industries within a microeconomic framework. Students will learn what forms of competition drive the production and distribution of media in the context of a changing technical environment. Theories of different media market settings will be illustrated and then concepts reinforced by real-world examples, including the changing operation of music production and distribution as the internet evolves, and the ways in which current media companies integrate seemingly different products. To explain these processes the topics of competition, pricing, industry structures, and regulatory environments will be explored. Previously EC 0150.

### ECON 2152 Economics of Sport

3 Credits

This course develops and examines the tools and concepts of economic analysis as they apply to the sports industry. Topics in professional sports include free agency, salary cap, and new franchises. The course also explores economic issues and institutional structures of sports such as golf and tennis, and the broader industry including the National Collegiate Athletic Association, sports equipment, advertising, minor leagues, and the Olympics. Students gain an increased understanding of how economics affect them through this combination of sports and economics. Previously EC 0152.

### ECON 2185 Regional Economic Development

3 Credits

This course includes two key components: a theoretical examination of the basic theories of regional economic development such as growth poles, spillovers, infrastructure requirements, and center-periphery analysis; and an application of these theories to a specific economic issue. Students participate in a comprehensive study of a significant economic issue facing a Connecticut community, in cooperation with a regional agency, resulting in detailed analysis of the issues and potential solutions. Fieldwork is required. Previously EC 0185.

### ECON 3204 Intermediate Microeconomic Theory

3 Credits

**Prerequisite:** ECON 1011.

This course builds upon and expands the theoretical models of EC 0011. The course introduces indifference curves to explain consumer behavior; short- and long-run production functions, showing their relationship to product costs; and the efficiency of various competitive market structures. Topics include marginal productivity theory of income distribution, monopoly, and general equilibrium theory. Previously EC 0204.

### ECON 3204L Intermediate Microeconomic Theory Lab

1 Credit

**Corequisite:** ECON 3204.

In this lab, students actively engage in the science of economics. Activities include lectures on mathematical methods, advanced problem-solving projects, collaborative teamwork experiences, and computer simulations. Note: This lab is required of all students pursuing the BS in economics; it is optional for students earning the BA. Previously EC 0204L.

**ECON 3205 Intermediate Macroeconomic Theory****3 Credits****Prerequisite:** ECON 1012.

This course, which includes computer applications, analyzes the determination of national income and output; fiscal and monetary tools; and growth, inflation, and stabilization policies. Previously EC 0205.

**ECON 3205L Intermediate Macroeconomic Theory Lab****1 Credit****Corequisite:** ECON 3205.

In this lab, students actively engage in the science of economics. Activities include lectures on mathematical methods, advanced problem-solving projects, collaborative teamwork experiences, and computer simulations. Note: This lab is required of all students pursuing the BS in economics; it is optional for students earning the BA. Previously EC 0205L.

**ECON 3210 Money and Banking****3 Credits****Attributes:** BUEL Business Elective**Prerequisite:** ECON 1012.

This course covers the commercial banking industry, the money market, Federal Reserve operations and policy making, and monetary theory. Previously EC 0210.

**ECON 3224 Labor Economics and Labor Relations****3 Credits****Prerequisites:** ECON 1011, ECON 1012.

Nearly 70 percent of income earned in the United States is a return to labor. This course applies the fundamentals of microeconomic and macroeconomic analysis to important decisions that people make in labor markets. From an employee's perspective, questions include: Should I work in exchange for a wage? If so, how much? How will my work affect my lifestyle and family decisions? Should I go to school to improve my skills? From an employer's perspective, questions include: Should I hire workers? If so, how many? How should I pick workers out of a pool of applicants? What techniques should I use to provide incentives for these workers? Many of the answers to these questions require complex analysis and an understanding of the impact of government policy on the workplace. The course explores a variety of public policy issues such as minimum wage programs, government welfare programs, workplace regulatory requirements, Title IX, immigration, and the union movement. Previously EC 0224.

**ECON 3225 Applied Environmental Economics****3 Credits****Attributes:** EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, EVSS Environmental Studies: Social Science, PJST Peace and Justice Studies**Prerequisites:** ECON 1011, ECON 2120.

This in-depth examination of the economic tools used in environmental economics and policy-making builds on basic environmental economic concepts and provides the opportunity to put those concepts into practice. The course explores common externalities and market failures in the United States and analyzes governmental policies used to control them. Previously EC 0225.

**ECON 3230 Comparative Economic Systems****3 Credits****Attributes:** ANMC Asian Studies Elective, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective, RECS Russian, Eastern European, and Central Asian Studies, WDIV World Diversity**Prerequisite:** ECON 1011 or ECON 1012.

Is communism dead? Is capitalism the only real economic system left? This course explores the various economic systems that are used to distribute resources, i.e., to decide 'who gets what' in a nation's economy. The course considers the differences between alternative distribution mechanisms, what it means to transition from one system to another, and how these economic decisions are affected by political and national realities. Because there are so many international alternatives to be explored, each semester focuses on an economic region of the globe: Asia, Eastern Europe and Central Asia, Africa, or Latin America. This course, where appropriate, is available for credit in international studies or area studies programs. Previously EC 0230.

**ECON 3231 International Trade****3 Credits****Attributes:** INEL International Studies / International Business Elective**Prerequisite:** ECON 1011.

This course covers international trade theory, U.S. commercial policy (tariffs, quotas), common markets, trade with and among developing nations, balance of payments disequilibria, and multinational enterprises. Previously EC 0231.

**ECON 3233 International Economic Policy and Finance****3 Credits****Attributes:** INEL International Studies / International Business Elective**Prerequisite:** ECON 1012.

This course explores international financial relations. Topics include the international monetary system, exchange rate systems, balance of payments adjustment mechanisms, and changes in international finance relations. It treats theoretical concepts and considers governmental policy approaches to the various problems. Previously EC 0233.

**ECON 3235 Economic Development****3 Credits****Attributes:** ANMC Asian Studies Elective, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective, WDIV World Diversity**Prerequisites:** ECON 1011, ECON 1012; or INST 1053.

This course considers the nature and causes of problems facing low-income nations, with a focus on the impact that various economic policies have on promoting economic development. Previously EC 0235.

**ECON 3237 Fair Trade and Microfinance****3 Credits****Attributes:** BUEL Business Elective, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective**Prerequisites:** ECON 1011, ECON 1012.

Fair trade and microfinance are two very important trends aiding the development of poor countries around the world. In this project-based course, will learn about the challenges of producing and distributing fair trade products, bringing them to market, and accessing funding to pay for expanding one's business or materials to increase production. Previously EC 0237.

**ECON 3244 Behavioral Economics****3 Credits****Prerequisites:** ECON 1011, ECON 1012.

This course is an introduction to behavioral economics: incorporating insights from psychology into economics. Though behavioral economics is a relatively new field, it has already led to one Nobel Prize and is beginning to have a huge impact in finance, marketing, management, industrial organization, psychology, political science, and philosophy. In this course, we will study how behavioral economists explain a range of psychological and social phenomena, and how those explanations differ from standard economic ones. Likely topics include drug use, sex, crime, gambling, over-eating, overconfidence and procrastination. In particular, we will study various ways in which (apparent) irrationality influences people's judgment and decision-making.

**ECON 3250 Industrial Organization and Competitive Strategy****3 Credits****Prerequisite:** ECON 1011.

Using microeconomic theory, this course examines the economic behavior of firms and industries, identifying factors affecting the competitive structure of markets and using these structural characteristics to evaluate the efficiency of resource use. Topics include mergers, measures of concentration, pricing, entry barriers, technological change, and product development. Previously EC 0250.

**ECON 3252 Urban Economics****3 Credits****Prerequisites:** ECON 1011, ECON 1012.

This course analyzes the development of modern urban areas by applying the tools of economic analysis to their problems. Topics include transportation, housing, and the provision and financing of public services. Previously EC 0252.

**ECON 3270 Engineering Economics****3 Credits****Prerequisite:** ECON 1011.

Engineering projects must be analyzed based upon their technical soundness, but also upon their ability to attract investment dollars in a market economy. This course prepares engineering students to apply microeconomic, financial, and statistical methods as they analyze the economic feasibility of projects. Students will learn about capital budgeting, risk and uncertainty, demand analysis, production and cost modeling, and linear programming. They will apply Excel and other computer-based simulations to analyze data. The goal of the course is ultimately to provide the student with the economic decision-making skills they need to plan, design, and finance engineering projects. Previously EC 0270.

**ECON 3275 Managerial Economics****3 Credits****Prerequisite:** ECON 1011.

This course prepares economics and business students to apply microeconomic, financial, and statistical methods as they analyze the economic feasibility of projects. Students will learn about capital budgeting, risk and uncertainty, demand analysis, regression analysis, production and cost modeling, and linear programming. They will apply Excel and other computer-based simulations to analyze data. The goal of the course is ultimately to provide students with the economic decision-making skills they need to plan, design, and finance projects, and to understand how various divisions of a firm must work together to achieve goals. Previously EC 0275.

**ECON 3276 Public Finance****3 Credits****Prerequisites:** ECON 1011, ECON 1012.

This course examines government expenditure and tax policies with an emphasis on evaluation of expenditures; the structure of federal, state, and local taxes; and the budget as an economic document. Previously EC 0276.

**ECON 3278 Economic Statistics****3 Credits****Attributes:** EVAP Environmental Studies: Applied Professional Skills**Prerequisites:** ECON 1011, ECON 1012.

This course introduces students to descriptive statistics, probability theory, discrete and continuous probability distributions, sampling methods, sampling distributions, interval estimation, and hypothesis testing. A weekly lab provides opportunities for active exploration and application of course concepts. Previously EC 0278.

**ECON 3278L Economic Statistics Lab****1 Credit****Corequisite:** ECON 3278.

In this lab, students actively engage in the science of statistics. Activities include lectures on mathematical methods, advanced problem-solving projects, collaborative teamwork experiences, and computer applications appropriate to statistical analysis. Note: This lab is required of all students pursuing the BS in economics; it is not required for students earning the BA. Previously EC 0278L.

**ECON 3290 Mathematical Economics****3 Credits****Prerequisites:** ECON 1011, ECON 1012, MATH 1016.

This course applies mathematical models and concepts to economic problems and issues. Mathematical techniques include calculus and matrix algebra. Economic applications include the areas of consumer theory, theory of the firm, industrial organization, and macroeconomic modeling. Previously EC 0290.

**ECON 3980 Internship****3 or 4 Credits**

Students, placed in a professional environment by the department, use economic and analytical skills acquired from their courses in a non-academic job setting. Students submit a written assignment detailing their internship experience to a faculty sponsor by the end of the term. Enrollment by permission only. Previously EC 0299.

**ECON 4305 Economic Growth****3 Credits****Prerequisite:** ECON 3205.

This advanced course in macroeconomics discusses the fundamental determinants of long-run economic growth. It introduces students to the theoretical tools, data, and insights required to understand why some countries are rich and others are poor from an economic perspective. In this course, students will study the role of factor accumulation and technological progress on economic growth. Students also will explore the extent to which other factors, such as geography, religion, culture, and political and social institutions, influence the process of economic growth. Previously EC 0305.

**ECON 4320 Financial Markets and Institutions****3 Credits****Prerequisite:** ECON 3210.

Topics include capital markets, financial intermediaries, equities, bonds, options, futures, security analysis, portfolio theory, and the efficient markets hypothesis. Students manage a hypothetical portfolio and use a computer model. Previously EC 0320.

**ECON 4380 Econometrics****3 Credits****Prerequisites:** ECON 1011, ECON 1012; ECON 3278 or MATH 2217.

This course introduces students to the process used to formulate theories of economic behavior in mathematical terms and to test these theories using statistical methods. The course discusses the technique and limitations of econometric analyses as well as methods available for overcoming data problems in measuring quantitative economic relationships. Previously EC 0380.

**ECON 4391 Microeconomics Seminar** **3 Credits**

**Attributes:** LCEL LACS Minor: Elective

This seminar seeks to familiarize participants with recent developments in the discipline and sharpen research skills. Students complete a research project concerning a topic of their choice. The course includes computer applications. Enrollment by permission only. Previously EC 0397.

**ECON 4392 Macroeconomics Seminar** **3 Credits**

This seminar seeks to familiarize participants with recent developments in the discipline and sharpen research skills. Students complete a research project concerning a topic of their choice. The course includes computer applications. Enrollment by permission only. Previously EC 0398.

**ECON 4990 Independent Study** **1-3 Credits**

For economic majors only, this course is open to seniors by invitation or mutual agreement with the instructor. Previously EC 0298.

**Faculty**

**Professors**

Franceschi, *chair*  
LeClair  
Nantz  
Vásquez-Mazariegos

**Associate Professors**

Aksan  
Hiller  
Lane  
Murray  
Shadmani

**Assistant Professors**

Keefe

**Visiting Assistant Professors**

Kibe

**Instructors of the Practice**

Martin

**Lecturers**

McCloghry  
Matthews  
Trichur

**Professors Emeriti**

Buss  
Deak  
Kelly  
Miners

**Economics Major (BA in CAS)**

**Requirements**

With its focus on policy analysis and business applications, the Bachelor of Arts in Economics is designed for students who plan to enter the job market in business or government, or who plan to study business or law at the graduate level.

For a 30-credit Bachelor of Arts degree in Economics, students complete the following:

Code	Title	Credits
ECON 1011	Introduction to Microeconomics	3
ECON 1012	Introduction to Macroeconomics	3
ECON 3204	Intermediate Microeconomic Theory	3
ECON 3205	Intermediate Macroeconomic Theory	3
ECON 3278	Economic Statistics	3
Select five elective courses in Economics		15
Total Credits		30

No more than three 100-level courses may be counted toward the requirements of the major. Additional 100-level courses may be taken as part of the student's distribution of elective courses.

Economics majors are urged to take MATH 1121 and MATH 1122 (Applied Calculus I and II) or MATH 1171 and MATH 1172 (Calculus I and II) to fulfill their core mathematics requirement. Any questions about math requirements should be directed to the chair.

**Magis Core Curriculum**

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core.

**Economics Major (BS in CAS)**

**Requirements**

With its emphasis on mathematical skills and statistical analysis, the Bachelor of Science in Economics prepares students for quantitative applications of economic theory as practiced in actuarial work, economic research, or graduate studies in economics. Students who complete this degree are urged to couple it with a minor in mathematics.

For a 33-credit Bachelor of Science degree in Economics, students complete the following:

Code	Title	Credits
ECON 1011	Introduction to Microeconomics	3
ECON 1012	Introduction to Macroeconomics	3
ECON 3204	Intermediate Microeconomic Theory	3
ECON 3204L	Intermediate Microeconomic Theory Lab	1
ECON 3205	Intermediate Macroeconomic Theory	3
ECON 3205L	Intermediate Macroeconomic Theory Lab	1
ECON 3278	Economic Statistics	3



ECON 3278L	Economic Statistics Lab	1
ECON 3290	Mathematical Economics	3
ECON 4380	Econometrics	3
Select three elective courses in Economics		9
Total Credits		33

A grade of C or better is necessary in the required courses for the Bachelor of Science degree. No more than two 100-level courses may be counted toward the requirements of the major.

Economics majors are urged to take MATH 1121 and MATH 1122 (Applied Calculus I and II) or MATH 1171 and MATH 1172 (Calculus I and II) to fulfill their core mathematics requirement. Any questions about math requirements should be directed to the chair. Students in the BS track must earn a B- average in the Intermediate Theory sequence to proceed in the BS program.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core.

## Economics Minor

The economics minor complements a wide variety of majors. Students are able to apply the skills and theory learned in introductory courses to their primary areas of interest.

For a 15-credit minor in Economics, students complete the following:

Code	Title	Credits
ECON 1011	Introduction to Microeconomics	3
ECON 1012	Introduction to Macroeconomics	3
Select three elective courses in Economics		9
Total Credits		15

No more than one 2000-level economics course may be counted toward the minor.

## Education

The Educational Studies and Teacher Preparation Department, located in the Graduate School of Education and Allied Professions (GSEAP), in close collaboration with the College of Arts and Sciences, offers minors in Educational Studies and Special Education open to all interested undergraduates and a Five-Year Integrated Bachelor's-Master's Degree and Teacher Certification Program for students with approved majors in the College of Arts and Sciences. Candidates are advised by the faculty advisors in their majors and by faculty in the Department of Educational Studies and Teacher Preparation.

Undergraduates wanting to declare a minor in Educational Studies or Special Education should meet with the Program Director as early in their studies as possible. Anyone interested in applying to the Five-Year Program must first declare the minor. Decisions for formal admission to the Five-Year Integrated Bachelor and Master of Arts teacher education program are made by March 15 and October 15 for Level I and on February 1 for Level II. Information sessions for the minor in Educational Studies and Special Education and the Five-Year teacher education

program are offered each semester, and the faculty of the Educational Studies and Teacher Preparation Department are available for individual advising by appointment throughout the year.

## Teacher Education

Candidates interested in pursuing certification to teach Elementary Education (Grades 1-6), Secondary Education (Grades 7-12) or Special Education (Grades K-12) can do so through one of three 5-year Bachelor and Master of Arts Programs in Teacher Education. The Teacher Education Programs prepare scholar-practitioners who have the knowledge, skills, and dispositions to enact meaningful connections between theory and practice, promote a developmental model of human growth and learning, exercise ethical professional judgment and leadership, and advocate for quality education for all learners. As members of an inclusive community of learners, we (university faculty, experienced and aspiring classroom teachers, and community members and leaders) work together to create and sustain exemplary learning environments that empower K-12 students to become engaged, productive citizens in their communities. Across all programs, our foci for inquiry and action include the socio-cultural and political contexts of education and schooling, the complexities of teaching and learning, teacher work and professional cultures, culturally relevant understandings of human growth and development, and socially responsible uses of technology in schooling and society.

Descriptions of all the required education undergraduate and graduate courses are found in the GSEAP catalog. Descriptions of undergraduate courses are found under appropriate departmental course listings.

## Admission

### Elementary and Secondary Education

To be admitted to the Five-Year Integrated Bachelors-Master's degree teacher education programs, students must first declare the minor in Educational Studies; successfully earn 45 credits; maintain a minimum GPA of 3.00 in their certification major and 2.67 cumulative.

There are two phases of the admission process to the Five Year Program: Level I and Level II. Admission to Level I does not guarantee admission to Level II.

To be admitted to the undergraduate phase of the teacher education program (Level I), students must:

1. Declare a minor in Educational Studies.
2. Major in an approved discipline within the College of Arts and Sciences.
3. Successfully earn 45 credits.
4. Possess and maintain a minimum of 2.67 overall GPA.
5. Maintain a 3.00 GPA in their major.
6. Complete Level I Application to the undergraduate phase of the Five-Year Program (available on GSEAP website or from the program director).
  - a. Meet with the Director of the Five-Year Program and appropriate Educational Studies & Teacher Preparation Program faculty to discuss major and minor requirements.
  - b. Submit an application as early as spring of sophomore year and no later than spring of junior year.
  - c. Application components:

- i. Level I application
- ii. Essay
- iii. Official transcript
- d. Submit complete application to ESTP Graduate Assistant in CNS 116A by posted deadline.

To be admitted to the graduate phase of the Five-Year Program (Level II). Students must do the following by February 1 of their senior year:

1. Apply online via Fairfield University Graduate Admissions to the Five-Year Master's Program, specifying which teacher education track they are pursuing.
2. Application components include:
  - a. Application form and fee
  - b. Admission interview with program faculty
  - c. Proof of updated fingerprinting & background check
  - d. Two letters of recommendation: one from faculty member in academic major and one from person in education-related field
  - e. Resume
  - f. Record of Immunizations
  - g. Essay
  - h. Official transcript
  - i. Evidence of passing or waiving the Praxis Core exam. Waiver information can be found [here](#).

Students seeking certification must maintain at least a B (3.00) average in their major or the relevant content area courses in order to pursue the 5th year. In view of the teacher's role in the school and community, candidates whose relevant academic productivity is marginal or inadequate, who do not embody a socially responsible professional disposition, or who demonstrate unsuitable personal qualities, will not be recommended for continuation in the teacher preparation program, student teaching placement, or state certification. In addition, all prospective and admitted candidates to an undergraduate teacher education program are expected to demonstrate the personal and professional dispositions that are embodied in the Mission Statement of the Graduate School of Education and Allied Professions and outlined in the ethical codes of their chosen profession.

## Special Education

To be admitted to the Special Education Five-Year Integrated Bachelors-Master's degree teacher education programs, students must first declare the minor in Educational Studies; successfully earn 45 credits; maintain a minimum GPA of 3.00 in their certification major and 2.67 cumulative.

To be admitted to the undergraduate phase of the special education teacher education program, students must:

1. Declare a minor in Educational Studies: Special Education
2. Successfully earn 45 credits.
3. Possess and maintain a minimum of 2.67 overall GPA.
4. Maintain a 3.00 GPA in their major.
5. Minimum grade of B in EDUC 2201 Explorations in Education and EDUC 3350 Special Learners in the Mainstream.
6. Must maintain a minimum of 3.00 GPA in the minor
7. Endorsement of the special education faculty

8. Passing score on Praxis I or SAT

9. Meet with the Director of the Special Education Five-Year Program and appropriate Special Education Program faculty to discuss major and minor requirements.

To be admitted to the graduate phase of the Special Education Five-Year Program students must do the following by February 1 of their senior year:

1. Apply online via Fairfield University Graduate Admissions to the Five-Year Master's Program, specifying the special education track they are pursuing.
2. Application components include:
  - a. Application form and fee
  - b. Admission interview with program faculty
  - c. Two letters of recommendation: one from faculty member in academic major and one from person in education-related field
  - d. Resume
  - e. Record of Immunizations
  - f. Essay
  - g. Official transcript (minimum cumulative GPA of 2.67 and 3.00 in major)
  - h. Evidence of passing or the Praxis Core exam or SAT scores.

Students seeking certification must maintain at least a B (3.00) average in their major or the relevant content area courses in order to pursue the 5th year. In view of the teacher's role in the school and community, candidates whose relevant academic productivity is marginal or inadequate, who do not embody a socially responsible professional disposition, or who demonstrate unsuitable personal qualities, will not be recommended for continuation in the teacher preparation program, student teaching placement, or state certification. In addition, all prospective and admitted candidates to an undergraduate teacher education program are expected to demonstrate the personal and professional dispositions that are embodied in the Mission Statement of the Graduate School of Education and Allied Professions and outlined in the ethical codes of their chosen profession.

## Academic Advisement Notice

Teacher education candidates should seek academic advisement from the advisor for education certification in their major and an educator advisor to ensure that planned program requirements are fulfilled for their major and core requirements, educational studies minor, and their teacher education program.

## Background Check and Fingerprinting

All students in school-based certification programs and registered in courses with fieldwork components must be fingerprinted and have a background check conducted in the districts(s) where they are placed. Multiple fingerprinting and background checks may be required if placed in different districts. Please contact the course instructor or program director for information.

## Teacher Internship Program

The Graduate School of Education and Allied Professions offers teaching internships for both certified and non-certified teachers studying for a Master's Degree or Certificate of Advanced Study at Fairfield.

The internship gives you a full-time, hands on experience in a public school setting and up to \$15,000 towards your studies, while offering local schools additional competent staff members and potential future employees.

For more information or an application, students should email (internship@fairfield.edu) the internship coordinator, specifying whether they are interested in the internship for certified or non-certified teachers.

All applications for the internship program are reviewed on a rolling basis. You must be formally admitted to the Master's Degree Program to be eligible.

## Minority Teacher Incentive Grants

The Minority Teacher Incentive Grant Program provides up to \$5000 a year for two years of full time study in a teacher preparation program, usually junior or senior year, as long as the student is an admitted education minor and completes all the requirements.

As an added bonus, students may receive up to \$2500 a year, for up to four years, to help pay off college loans if they teach in a Connecticut public elementary or secondary school.

To qualify, students must be a full-time college junior or senior of African-American, Hispanic/Latino, Asian-American, or Native American heritage, and be nominated by the chair of the Educational Studies and Teacher Preparation Department. To apply, obtain a nomination form from the Connecticut Office of Higher Education's website (<http://www.ctdhe.org/>).

## Programs

- Minor in Educational Studies (p. 106)
- Minor in Special Education (p. 107)
- Five-Year Integrated Bachelor and Master of Arts in Elementary Education with Initial Certification (p. 107)
- Five-Year Integrated Bachelor and Master of Arts in Secondary Education with Initial Certification (p. 108)
  - English Education Track
  - Mathematics Education Track
  - Science Education Track
  - Social Studies Education Track
  - World Language Education Track
- Five-Year Integrated Bachelor and Master of Arts in Special Education with Initial Certification (p. 110)

## Courses

### Education

#### EDUC 2201 Explorations in Education

3 Credits

**Attributes:** UDIV U.S. Diversity

In this course, students/candidates discover how education is accomplished in schools through the social construction of teaching and learning. Through participant observation, service learning, reflections, assigned readings, class discussions and collaboration, candidates contribute positively to student learning in local schools and communities with diverse (socioeconomic, linguistic, race/ethnicity) populations, understand the complexities of schooling from multiple insider perspectives, and engage in the process of discerning whether to pursue a career in education. Successful completion of this course is one of the prerequisites for admission to the teacher education program. Approximately 25 hours of service in a local school is required. Previously ED 0200.

#### EDUC 2329 Philosophy of Education: An Introduction

3 Credits

This course applies the basic concepts of philosophy to education in general and to contemporary education theory in particular to acquaint educators with philosophical terminology, to improve the clarity of their thinking, and to encourage personal commitment to their own life philosophies. It also provides the opportunity to ask fundamental questions about the aims and purposes of education and schooling in a multicultural democratic society; the ethical dimensions of the teaching/learning relationship; the effects of poverty and injustice on the lives of young people, their families and communities; and the role of the imagination in transforming the world. A range of philosophical perspectives will be explored including Jesuit Education/Ignatian Pedagogy, Deweyan Progressive education, and Freirian Critical Pedagogy. Previously ED 0329.

#### EDUC 3241 Educational Psychology

3 Credits

This course considers a particular application of the more important psychological principles to educational theory and practice, embracing a systematic study of the educable being, habit formation, phases of learning, intellectual and emotional growth, and character formation. The course, which includes a 15-hour field experience in an approved, ethnically diverse public school setting, also examines individual differences, transfer of training, interest, attention, and motivation insofar as they influence the teaching process. Graduate equivalent: EDUC 5442. Previously ED 0241.

#### EDUC 3350 Special Learners in the Mainstream

3 Credits

This course familiarizes the mainstream professional with the special learning needs of children and youth with intellectual and developmental disabilities, learning disabilities, emotional disturbances, severe disabilities, multiple disabilities, and those who are gifted and talented. Topics include methods of identifying and working effectively with children and youth with special learning needs in the regular classroom; the roles and responsibilities of counselors, psychologists, educators, and ancillary personnel as members of a multidisciplinary team in planning educational services for exceptional learners; and laws that impact on assessment, placement, parent and student rights, and support services. This course may require a fieldwork component as part of the evaluation process. Note: This course is not for those pursuing an initial certificate or cross-endorsement in special education; it is for general educators and students in affiliated fields of study. Previously ED 0350.

Educational Technology

**EDTC 4301 Introduction to Educational Technology** 3 Credits

This course covers the principles and applications of technology literacy in education. Topics include designing effective teaching strategies and environments conducive to learning, application of media and computer technologies in teaching, the use of the Web in teaching K-12, Microsoft Office applications, developing home pages, evaluating software, and examining new technologies for education. A field experience is included in this course. Previously MD 0300.

Special Education

**SPED 4410 Autism Spectrum Disorders: Theories and Interventions** 3 Credits

**Prerequisites:** EDUC 2201, EDUC 3350.

This course highlights current research on theories and etiology of Autism Spectrum Disorders (ASD). Candidates examine characteristics and behaviors associated with ASD. Specific diagnostic assessment and screening tools are reviewed to examine how these tools are utilized to identify infants and children with ASD. The course also focuses on providing the candidates with understanding the role of families. The course helps create a framework for implementing effective pedagogical interventions, profiling the strengths and challenges of various interventions. Graduate equivalent: SPED 5410. Previously SE 0310.

**SPED 4411 Introduction to Individuals with Intellectual Disabilities** 3 Credits

**Prerequisites:** EDUC 2201, EDUC 3350.

This course is designed to advance candidates' understanding and knowledge of intellectual and developmental disabilities by critically examining theories and research regarding the psychological, sociological, and educational aspects of individuals with intellectual and developmental disabilities. Candidates are expected to display levels of competency and proficiency in all three aspects. Graduate equivalent: SPED 5411. Previously SE 0311.

**SPED 4413 Theories of and Introduction to Learning Disabilities** 3 Credits

**Prerequisites:** EDUC 2201, EDUC 3350.

This course introduces students to the area of learning disabilities, exploring various theoretical constructs pertaining to numerous facets of the disorder (e.g., cognition, executive function, attention deficits, etc.), by tracing the history of its development and discussing current issues about the definition and the types of learning disabilities. Educational and social emotional sequelae and implications of processing impairments on learning are examined in the context of the assessment-teaching process (includes a 5-hour field-based project). Graduate equivalent: SPED 5413. Previously SE 0313.

**SPED 4417 Introduction to Children and Youth with Emotional Disturbances** 3 Credits

**Prerequisites:** EDUC 2201, EDUC 3350.

This core course introduces candidates to the area of emotional or behavioral disorders (EBD) by examining symptoms, etiology, diagnostic criteria, and assessment techniques of students K-12 who exhibit social, emotional, and behavioral deficits. Emphasis is placed on social and emotional development, the process of identifying students with EBD, analysis of behavior (ABA) and functional behavioral assessment (FBA), development of individual educational plans (IEPs) and instructional strategies designed to address the social and academic needs of students with EBD. This course includes a 2.5-hour field component. All students must have criminal clearance prior to registration. Graduate equivalent: SPED 5417. Previously SE 0317.

Faculty

**Professor**

Hannafin  
Smith, *Co-Director, Education Minor and 5-Year Programs*

**Associate Professor**

Campbell  
Colwell, *Chair, Director, Elementary Education and 5-Year Programs*  
Crandall, *Director, Connecticut Writing Project*  
Martin, *Co-Director, Special Education; Co-Director, Education Minor and 5-Year Programs*  
Orelus  
Storms

**Assistant Professor**

Fletcher  
Shamash, *Co-Director, Special Education*

**Assistant Professor of the Practice**

Elliott, *Director, Educational Technology and Secondary Education*  
Germain-Williams, *Director of Teacher Education*

**Instructor**

Rozgonyi

Educational Studies Minor

The minor in educational studies provides an expanded opportunity for Fairfield University undergraduates to incorporate the study of education into their undergraduate living and learning experiences, whether as prospective teachers or as prospective citizens, or to enhance their preparation as policy makers, practicing professionals or scholars in other fields.

Eligibility for the minor requires completion of 15 credits. Some course work may require fingerprinting and a background check. Please check with course instructor or program director for more information.

Requirements

For a 15-credit minor in educational studies, students complete the following:

Code	Title	Credits
EDUC 2201	Explorations in Education	3
EDUC 2329	Philosophy of Education: An Introduction	3
EDUC 3241	Educational Psychology	3
<b>Diversity Courses</b>		
Select one course from the following, or seek prior approval from Program Director for an alternate choice:		3
ECON 2114	Economics of Race, Class, and Gender in the American Workplace	
ENGL 1140	Caribbean Literature: History, Culture, and Identity	
ENGL 1310	Contemporary Women Writers of Color	

ENGL 1720	Literacy and Language
ENGL 2063	African American Women Writers
ENGL 2082	Latinx Literature
HIST 2242	Immigration, Race, and Ethnicity in U.S. History
HIST 2263	Inventing Themselves: African-American Women in U.S. History
MUSC 1101	The History of Jazz
MUSC 1112	Music of Black Americans
MUSC 1122	World Music History and Ensemble
NURS 1112	Healthcare Delivery Systems
POLI 2336	Politics of Race, Class, and Gender
PSYC 2110	Developmental Psychology for Majors
SOCI 1135	Race, Gender, and Ethnic Relations
SOCI 2100	American Class Structure
SOCI 2110	Race, Cities, and Poverty
SOCI 2300	Sociology of Education
SPAN 4359	Culture, Civilization, and Literature in the Spanish-American Caribbean Region

#### Relevant Cognate Area Courses

Select one course from the following, or seek prior approval from Program Director for an alternate choice: <sup>1</sup> 3

AETH 2265	Ethics in Education
BIOL 1018	Human Biology: Form and Function
BIOL 1070	Science, Technology, and Society
BIOL 1075	Ecology and Society
CHEM 1033	Chemistry of Nutrition
CHEM 1077	Introduction to Forensic Science
CHEM 1085	Chemistry, Energy, and the Environment
CHEM 1086	Chemistry and Art
COMM 1101	Argument and Advocacy
COMM 1130	Mass Media and Society
ECON 2114	Economics of Race, Class, and Gender in the American Workplace
ENGL 1140	Caribbean Literature: History, Culture, and Identity
ENGL 1720	Literacy and Language
ENGL 2220	Teaching and Writing
ENGL 3073	Literature for Young Adults
LCST 3301	Justice and the Developing World
MUSC 1101	The History of Jazz
MUSC 1112	Music of Black Americans
MUSC 1122	World Music History and Ensemble
NURS 1112	Healthcare Delivery Systems
PJST 3980	Internship ( Advocacy and Community Organizing)
POLI 2331	Introduction to Peace and Justice
PHYS 1071	Physics of Light and Color
PHYS 1076	Physics of Sound and Music
PHYS 1077	Science and Technology of War and Peace
PHYS 1089	Physics of Sport
PHYS 1093	Energy and Environment

PSYC 2150	Developmental Psychology for Majors with Lab
RLST 2552	Contemporary Moral Problems
SOCI 1135	Race, Gender, and Ethnic Relations
SOCI 1150	Introduction to International Migration
SOCI 2110	Race, Cities, and Poverty
SOCI 2300	Sociology of Education
SPAN 4359	Culture, Civilization, and Literature in the Spanish-American Caribbean Region

Select a course covering 50 years or more of U.S. History <sup>2</sup>

Total Credits 15

<sup>1</sup> Must differ from your diversity course choice.

<sup>2</sup> Elementary education candidates are required to take one of the state-approved U.S. History courses.

Note: Biology majors and minors may use any 2000- or 3000-level biology lab course to satisfy the cognate course for the minor in educational studies.

Certain courses taken to fulfill the minor in educational studies may be used to fulfill requirements for the undergraduate core and US or World diversity requirements. Some may also be used to fulfill requirements for a major.

## Minor in Special Education

### Requirements

For an 18-credit minor in special education, students complete the following:

Code	Title	Credits
EDUC 2201	Explorations in Education	3
EDUC 3350	Special Learners in the Mainstream	3
SPED 4410	Autism Spectrum Disorders: Theories and Interventions	3
SPED 4411	Introduction to Individuals with Intellectual Disabilities	3
SPED 4413	Theories of and Introduction to Learning Disabilities	3
SPED 4417	Introduction to Children and Youth with Emotional Disturbances	3
Total Credits		18

## Five-Year Integrated Bachelor and Master of Arts in Elementary Education with Initial Certification

### Requirements

#### Undergraduate Courses

Code	Title	Credits
EDUC 2201	Explorations in Education	3
EDUC 2329	Philosophy of Education: An Introduction	3



EDUC 3241	Educational Psychology	3
EDUC 3350	Special Learners in the Mainstream	3
EDUC 5431	Extending Literacy in the Elementary School: Grades 3-6	3
EDUC 5437	Developing Literacy in the Elementary School: Primary Grades	3
EDTC 4301	Introduction to Educational Technology	3
Select one cognate course from educational studies minor menu		3
Select one diversity course from educational studies minor menu		3
Total Credits		27

## Graduate Courses

Code	Title	Credits
EDUC 5405	Contexts of Education in the Primary Grades	3
EDUC 5447	Learning Mathematics in the Elementary Classroom	3
EDUC 5497	Teaching Science in the Elementary Classroom	3
EDUC 6545	Developing Integrated Curriculum for Elementary Students: Inquiry and Action	3
EDUC 6552	Research for Action and Advocacy in School and Community Settings	3
EDUC 6583	Elementary Student Teaching: Immersion in a Community of Practice <sup>1</sup>	6
EDUC 6584	Reflective Practice Seminar: Elementary Education	3
EDUC 6598	edTPA Portfolio <sup>2</sup>	0
EDUC 6999	Capstone: Educating for Social Responsibility and Civic Engagement	3
SPED 6565	Evidence-Based Strategies in the Inclusive Classroom	3
Total Credits		30

<sup>1</sup> A passing grade of B or better in student teaching is required.

<sup>2</sup> \$300 edTPA license fee required

# Five-Year Integrated Bachelor and Master of Arts in Secondary Education with Initial Certification

## Requirements

## English Education Track

### Undergraduate Courses

Code	Title	Credits
EDUC 2201	Explorations in Education	3
EDUC 2329	Philosophy of Education: An Introduction	3
EDUC 3241	Educational Psychology	3
EDUC 3350	Special Learners in the Mainstream	3

EDUC 5455	The Literate Learner: Developmental Reading in Middle and Secondary Schools, Grades 5-12	3
ENGL 2220	Teaching and Writing	3
ENGL 2230	Teaching and Learning Grammar	3
Select one diversity course from educational studies minor menu		3
Total Credits		24

## Graduate Courses

Code	Title	Credits
EDTC 5401	Introduction to Educational Technology	3
EDUC 5410	Literature for Young Adults	3
EDUC 5441	Teaching and Learning within Multicultural Contexts of Education	3
EDUC 5466	English Methods	3
EDUC 6552	Research for Action and Advocacy in School and Community Settings	3
EDUC 6581	Directed Observation and Supervised Student Teaching: Secondary Education	6
EDUC 6589	English Seminar	3
EDUC 6598	edTPA Portfolio <sup>1</sup>	0
EDUC 6999	Capstone: Educating for Social Responsibility and Civic Engagement	3
SPED 6565	Evidence-Based Strategies in the Inclusive Classroom	3
Total Credits		30

<sup>1</sup> \$300 edTPA license fee required

## Mathematics Education Track

### Undergraduate Courses

Code	Title	Credits
EDUC 2201	Explorations in Education	3
EDUC 2329	Philosophy of Education: An Introduction	3
EDUC 3241	Educational Psychology	3
EDUC 3350	Special Learners in the Mainstream	3
EDUC 5455	The Literate Learner: Developmental Reading in Middle and Secondary Schools, Grades 5-12	3
Select one cognate course from the educational studies minor menu		3
Select one diversity course from the educational studies minor menu		3
Total Credits		21

## Graduate Courses

Code	Title	Credits
EDTC 5401	Introduction to Educational Technology	3
EDUC 5464	Mathematics Methods	3
EDUC 6552	Research for Action and Advocacy in School and Community Settings	3
EDUC 6581	Directed Observation and Supervised Student Teaching: Secondary Education	6
EDUC 6591	Mathematics Seminar	3

EDUC 6598	edTPA Portfolio <sup>1</sup>	0
EDUC 6599	Professional Writing Seminar: Product of Learning	3
SPED 6565	Evidence-Based Strategies in the Inclusive Classroom	3
Select two graduate-level mathematics electives in Statistics and Geometry with advisor approval <sup>2</sup>		6
Total Credits		30

<sup>1</sup> \$300 edTPA license fee required

<sup>2</sup> If taken previously, alternate courses may be selected with advisor approval.

## Science Education Track

### Undergraduate Courses

Code	Title	Credits
EDUC 2201	Explorations in Education	3
EDUC 2329	Philosophy of Education: An Introduction	3
EDUC 3241	Educational Psychology	3
EDUC 3350	Special Learners in the Mainstream	3
EDUC 5455	The Literate Learner: Developmental Reading in Middle and Secondary Schools, Grades 5-12	3
Select one cognate course from the educational studies minor menu		3
Select one diversity course from educational studies minor menu		3
Total Credits		21

### Graduate Courses

Code	Title	Credits
EDTC 5401	Introduction to Educational Technology	3
EDUC 5462	Science Methods	3
EDUC 6552	Research for Action and Advocacy in School and Community Settings	3
EDUC 6572	Guided Research in Science	3
EDUC 6573	Instructional Issues in Teaching Science	3
EDUC 6581	Directed Observation and Supervised Student Teaching: Secondary Education	6
EDUC 6592	Science Seminar	3
EDUC 6598	edTPA Portfolio <sup>1</sup>	0
EDUC 6999	Capstone: Educating for Social Responsibility and Civic Engagement	3
SPED 6565	Evidence-Based Strategies in the Inclusive Classroom	3
Total Credits		30

<sup>1</sup> \$300 edTPA license fee required

## Social Studies Education Track

### Undergraduate Courses

Code	Title	Credits
EDUC 2201	Explorations in Education	3
EDUC 2329	Philosophy of Education: An Introduction	3

EDUC 3241	Educational Psychology	3
EDUC 3350	Special Learners in the Mainstream	3
EDUC 5455	The Literate Learner: Developmental Reading in Middle and Secondary Schools, Grades 5-12	3
Select one cognate course from educational studies minor menu		3
Select one diversity course from educational studies minor menu		3
Total Credits		21

### Graduate Courses

Code	Title	Credits
EDTC 5401	Introduction to Educational Technology	3
EDUC 5468	Social Studies/History Methods	3
EDUC 6515	Economic and Physical Geography	3
EDUC 6552	Research for Action and Advocacy in School and Community Settings	3
EDUC 6581	Directed Observation and Supervised Student Teaching: Secondary Education	6
EDUC 6594	Social Studies/History Seminar	3
EDUC 6598	edTPA Portfolio <sup>1</sup>	0
EDUC 6999	Capstone: Educating for Social Responsibility and Civic Engagement	3
SPED 6565	Evidence-Based Strategies in the Inclusive Classroom	3
Select one elective in American Studies with advisor approval		3
Total Credits		30

<sup>1</sup> \$300 edTPA license fee required

## World Language Education Track

### Undergraduate Courses

Code	Title	Credits
EDUC 2201	Explorations in Education	3
EDUC 2329	Philosophy of Education: An Introduction	3
EDUC 3241	Educational Psychology	3
EDUC 3350	Special Learners in the Mainstream	3
TSLA 5467	Language Acquisition	3
Select one cognate course from educational studies minor menu		3
Select one diversity course from educational studies minor menu		3
Total Credits		21

### Graduate Courses

Code	Title	Credits
EDTC 5401	Introduction to Educational Technology	3
EDUC 5455	The Literate Learner: Developmental Reading in Middle and Secondary Schools, Grades 5-12	3
EDUC 5463	World Language Methods	3
EDUC 6552	Research for Action and Advocacy in School and Community Settings	3

EDUC 6581	Directed Observation and Supervised Student Teaching: Secondary Education	6	SPED 6561	Diagnostic Procedures in Special Education of Youth with Disabilities	3
EDUC 6593	World Language Seminar	3	EDUC 6598	edTPA Portfolio <sup>1</sup>	0
EDUC 6598	edTPA Portfolio <sup>1</sup>	0	SPED 6953	Student Teaching in Special Education	6
EDUC 6999	Capstone: Educating for Social Responsibility and Civic Engagement	3	SPED 6954	Student Teaching, Practicum, DSAP Seminar in Special Education	3
SPED 6565	Evidence-Based Strategies in the Inclusive Classroom	3	Total Credits		36
TSLA 6439	Methods of Foreign Language Teaching for Elementary School	3			
Total Credits		30			

<sup>1</sup> \$300 edTPA license fee required

## Five-Year Integrated Bachelor and Master of Arts in Special Education with Initial Certification

### Requirements

#### Undergraduate Courses

Code	Title	Credits
EDUC 2201	Explorations in Education	3
EDUC 3350	Special Learners in the Mainstream	3
SPED 4410	Autism Spectrum Disorders: Theories and Interventions	3
SPED 4411	Introduction to Individuals with Intellectual Disabilities	3
SPED 4413	Theories of and Introduction to Learning Disabilities	3
SPED 4417	Introduction to Children and Youth with Emotional Disturbances	3
SPED 6999	Comprehensive Examination in Special Education	0
Total Credits		18

#### Graduate Courses

Code	Title	Credits
SPED 5401	Augmentative Alternative Communications and Assistive Technologies	3
SPED 5419	Special Learners in the Bilingual/ESL Classroom	3
SPED 5432	Management Techniques in Special Education	3
SPED 5486	Developmental Literacy I: Fundamentals of Reading and Language Development	3
SPED 5487	Developmental Literacy II: Essentials of Vocabulary and Text Comprehension	3
SPED 6534	Skill Development for Individualized Educational Plans	3
SPED 6537	Curriculum and Methods for Students with Mild to Moderate Disabilities	3
SPED 6550	Collaboration and Consultation for the Special Educator	3

## English

*'What do you read, my lord?'*

*'Words, words, words.'*

As Hamlet's reply to Polonius amply indicates, we live in a world of words - written, spoken, read, recited, analyzed, debated. In the English department, students learn to appreciate the inherent value of reading and writing, to value the beauty and power of language. At the same time, our students are trained to sharpen their skills for an ever-competitive job market by developing the ability to write clearly and persuasively, to think critically and creatively, and to engage in thoughtful analysis, skills that are essential to success in our contemporary, global marketplace.

While there are many ways to pursue English studies, we have some basic goals that apply to all of our many, varied programs. These goals include the ability to:

- Read, analyze and interpret texts, including imaginative literatures, in their relevant cultural, historical, and theoretical contexts.
- Compose texts for a range of audiences and purposes, using effective rhetorical approaches and appropriate media.
- Demonstrate information literacy, such as recognizing the need for sources and locating, evaluating, and using the needed information.
- Employ knowledge of disciplinary methods and standards common to English Studies.

### Programs

- Digital Journalism Major (p. 125)
- Digital Journalism Minor (p. 126)
- English Major (p. 126)
  - Concentration in Creative Writing
  - Concentration in English Studies
  - Concentration in Literature
  - Concentration in Professional Writing
  - Concentration in Teacher Education
- English Minor (p. 128)

## Courses

### ENGL 1001 Introduction to Rhetoric and Composition 3 Credits

This course introduces students to the academic discipline of rhetoric and composition. Students read nonfiction texts, including rhetoric and composition and cross-disciplinary scholarship, in order to analyze their conventions and craft texts in various genres and modalities for a range of audiences. Students develop effective writing processes, sound research strategies, strong academic arguments, rhetorical awareness, and sensitivity to disciplinarity. The course prepares students to transfer this knowledge to their compositions across the curriculum and across contexts. Previously ENW 0100.

### ENGL 1002 Texts and Contexts II: Writing About Literature 3 Credits

This course focuses on the development of increasingly sophisticated reading, writing, researching, and inquiry skills through the exploration of literary texts and their contexts. Students will practice close reading techniques, be introduced to key terms and concepts in literary study, and practice writing in a variety of academic and creative genres. The course is intended to foster greater appreciation for the power of literature and literary study as a foundation to all the liberal arts. Previously EN 0012.

### ENGL 1010 Introduction to Literary and Cultural Studies 3 Credits

**Attributes:** E\_AF English Literature After 1800, WDIV World Diversity  
This course allows students to develop ways of reading, analyzing, and interacting with texts in English from around the globe. You will focus on such questions as: How are literary texts produced? How do local, national, and global cultures and events affect the way authors fashion their texts? Do literary works produced in different cultures at the same time 'speak to each other' across time and space? The course will be run as a combination of lecture and small group discussion and will make use of web-based background materials to provide context and depth to the readings. Previously EN 0101.

### ENGL 1020 Introduction to Contemporary World Literature 3 Credits

**Attributes:** E\_AF English Literature After 1800, WDIV World Diversity  
Students will review recent fiction from around the world, including Africa, Latin America, the Caribbean, New Zealand, and the Middle East. Students learn strategies for comparing stories and narrative styles from different cultures, subject positions, and sociopolitical frameworks. Students develop a stronger awareness of different types of subjectivity in a global context. Previously EN 0102.

### ENGL 1030 Fairy Tales 3 Credits

**Attributes:** E\_AF English Literature After 1800, FREN French Course Taught in English  
A study of classic fairy tales in their oldest preserved versions by authors like Charles Perrault and the Brothers Grimm; in nineteenth- and twentieth-century literature influenced by the fairy tale tradition; in post-modern literary retellings; and in film and popular culture. The class leads to the production of a term paper involving research in primary sources and literary and folklore criticism. Previously EN 0103.

### ENGL 1050 African Diaspora: Literature and Culture 3 Credits

**Attributes:** ASEN American Studies: Literature, ASGW American Studies: Gateway, BSAH Black Studies: Arts and Humanities, BSFC Black Studies Focus Course, E\_AF English Literature After 1800, LCEL LACS Minor: Elective, WDIV World Diversity  
This course offers an interdisciplinary introduction to the African Diaspora, incorporating texts from Africa, the Caribbean, North America, and Europe. Beginning with colonization in Africa and representations of the Middle Passage, the course covers historical topics such as enslavement and the plantation system, abolition movements, migration within and out of the Caribbean, resistance movements, the Harlem Renaissance, and independence struggles. As we study the Atlantic world and globalization across several centuries, we will examine cultural syncretism, commodity culture rooted in the Triangle Trade, and creative endeavors in literature and the arts (painting and sculpture, film, music, dance, theatre). Previously EN 0105.

### ENGL 1060 Masterpieces of Greek Literature in English Translation 3 Credits

**Attributes:** E\_BF English Literature Before 1800  
This course surveys major works of ancient Greek literature, emphasizing the content of this literature as a key to understanding classical Greek civilization and as meaningful in a contemporary context. Crosslisted with CLST 1060. Previously EN 0106.

### ENGL 1070 Masterpieces of Roman Literature in English Translation 3 Credits

**Attributes:** E\_BF English Literature Before 1800  
This course surveys major works of Roman literature of the republic and early empire, emphasizing the content of this literature as a key to understanding Roman civilization, and as meaningful in a contemporary context. Crosslisted with CLST 1070. Previously EN 0107.

### ENGL 1080 Myth in Classical Literature 3 Credits

**Attributes:** E\_BF English Literature Before 1800  
This course introduces students to classical mythology through an examination of the diverse ways in which myth and legend are treated in the literatures of ancient Greece and Rome. Students read texts in English translation; knowledge of Greek or Latin is not required. Crosslisted with CLST 1080. Previously EN 0108.

### ENGL 1090 Greek Tragedy in English Translation 3 Credits

**Attributes:** E\_BF English Literature Before 1800  
An intensive study in translation of the surviving works of Aeschylus, Sophocles and Euripides. Knowledge of Greek is not required. Crosslisted with CLST 1090. Previously EN 0109.

### ENGL 1110 International Short Fiction 3 Credits

**Attributes:** E\_AF English Literature After 1800  
This course examines works of short fiction from around the world written during the twentieth and twenty-first centuries. The degree to which and the specific manners in which these works contribute to a characteristically modern sense of human existence and the function of narrative art forms the basis for reading selections. Through textual analysis, students compare and contrast various versions of the modern experience as produced by authors such as Gogol, Melville, Mansfield, Joyce, Lawrence, Cather, Tolstoy, Chekhov, Kafka, Hemingway, Lessing, Borges, Barth, Böll, Mishima, Achebe, Erdrich, and Atwood. Previously EN 0111.

**ENGL 1120 19th-Century Russian Novel and World Literature 3 Credits**

**Attributes:** E\_AF English Literature After 1800, RECS Russian, Eastern European, and Central Asian Studies

This comparative study of major Russian authors and their counterparts in France, Germany, England, and the U.S. begins with short fiction and moves to novels such as *Père Goriot*, *Crime and Punishment*, *A Hero of Our Time*, and *Madame Bovary*. Russian writers include Pushkin, Lermontov, Dostoevsky, Turgenev, and Tolstoy. Topics include the role of marriage and attitudes towards the family, urban versus rural experience, especially the role of the city, the fantastic in literature, narrative technique, and the development of 19th-century fiction. Previously EN 0112.

**ENGL 1130 Literature of the Holocaust 3 Credits**

**Attributes:** E\_AF English Literature After 1800, GMEL German Major or Minor Course, GMEN German Course Taught in English, HACA Humanitarian Action Minor Context Course, JST Judaic Studies Minor, PJST Peace and Justice Studies

After an introduction to the historical, political, and social background of the Holocaust, this course uses poetry, drama, fiction, non-fiction, art, and music to explore the genocide of Jews and other groups by Nazi Germany (1933-1945). The course seeks to discover what transpired during the Holocaust and what it means to our understanding of human nature and of our civilization. Readings and films include Appelfeld's *Badenheim 1939*, Spiegelman's *Maus I and II*, Frankl's *Man's Search for Meaning*, Wiesenthal's *The Sunflower*, Spielberg's *'Schindler's List'*, Wiltzie's *'The Good German'*, and more. Previously EN 0113.

**ENGL 1140 Caribbean Literature: History, Culture, and Identity 3 Credits**

**Attributes:** ASEN American Studies: Literature, ASGW American Studies: Gateway, BSFC Black Studies Focus Course, EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, E\_AF English Literature After 1800, FREL French Major or Minor Course, FREN French Course Taught in English, LCEL LACS Minor: Elective, PJST Peace and Justice Studies, WDIV World Diversity

This course serves as an introduction to the field of Caribbean literatures in English and English translation, with a focus on the French-speaking Caribbean. We survey a wide range of theoretical and fictional texts (poetry, short stories, novels, theatre), and introduce students to the debate surrounding the formation of Antillean cultural identity/identities. This course examines Caribbean literatures with respect to their language of origin, colonization, slavery, racial experience, landscape, migration, and diaspora, specifically in Haiti, Martinique, Guadeloupe, Barbados, Trinidad, Cuba, and the Netherlands Antilles/Suriname. Previously EN 0114.

**ENGL 1150 Dante 3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, E\_BF English Literature Before 1800, ISIF Italian Studies: Italy-Focused, ISIT Italian Studies: Italian

This course examines the works of Dante Alighieri, including the *Vita nuova*, in addition to the *'Inferno'*, *'Purgatorio'*, and *'Paradiso'* from the *Divine Comedy*. Students are introduced to the political, linguistic, theological, and poetic ideas that make Dante's works not only significant in the medieval context, but also continue to challenge and inform modern debates. Crosslisted with ITLN 3289. Previously EN 0115.

**ENGL 1180 Modern China through Fiction and Film 3 Credits**

**Attributes:** ANMC Asian Studies Elective, E\_AF English Literature After 1800, WDIV World Diversity

This course is a study of various cultural aspects of modern China in the 20th century through reading translated fiction as well as films. Students explore topics such as modernity, nationalism, individualism, gender, and cultural identity in the modern cultural-historical context. Also will be discussed are issues particular to fiction and film as representational modes: How do fiction and film narrate history and the complex Chinese experience? How have they both been shaped by and contributed to the socio-cultural transformations? And how do they represent the increasingly diversified cultural and social landscape of contemporary China? Crosslisted with CHIN 2250. Previously EN 0118.

**ENGL 1200 American Women Playwrights 3 Credits**

**Attributes:** ASGW American Studies: Gateway, ENAM American Literature, E\_AF English Literature After 1800, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course traces the evolution of plays by women from the Revolutionary War to plays reflecting the 21st-century concerns of African American, Asian, American, and Latina playwrights. Plays are discussed in light of the social, political, and economic climates that produced them. Special emphasis is given to questions of sex, gender, race, ethnicity, and class, as we explore how American women, despite considerable obstacles, have developed their own theatrical voices. Our study is further informed by the work of feminist performance theorists. Crosslisted with THTR 1200. Previously EN 0120.

**ENGL 1210 American Literature and the Environment 3 Credits**

**Attributes:** ASEN American Studies: Literature, ASGW American Studies: Gateway, ENAM American Literature, EVHU Environmental Studies: Humanities, EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, E\_AF English Literature After 1800

This course aims to explore the ways in which ideas about the physical, 'natural' environment have been shaped in American literature. The course will survey a variety of important texts in this tradition and introduce students to the scholarly perspective known as Ecocriticism. Texts may include those by Austin, Cather, Leopold, Muir, Silko, and Thoreau. Previously EN 0121.

**ENGL 1220 The Frontier in American Literature 3 Credits**

**Attributes:** ASEN American Studies: Literature, ASGW American Studies: Gateway, ENAM American Literature, E\_AF English Literature After 1800

For the last five centuries, the frontier, understood as the place where humanity comes into contact with its apparent absence in the shape of alien beings and landscapes, has been the subject of some of the most lasting and powerful American stories. In this course, students concentrate on some of the major representations of the frontier produced between the 1820s and the present to learn how to recognize and talk about the position that the American western has occupied in our culture. Authors include Cooper, Twain, Cather, and McCarthy; filmmakers include Ford, Peckinpah, and Eastwood. Previously EN 0122.



**ENGL 1230 Ethnic American Literature****3 Credits**

**Attributes:** ASEN American Studies: Literature, ASGW American Studies: Gateway, ENAM American Literature, E\_AF English Literature After 1800, LCEL LACS Minor: Elective

This course focuses on stories from writers whose countries came in contact with American colonization. The course examines postcolonial themes in a historical context, and asks what it means to be a writer whose identity is formed by the diasporic flight of one's people. We begin with theorizing postcoloniality and move to a study of 20th century writing by Puerto Rican, Filipino, Vietnamese, and other ethnic American writers. Topics include the influences of English on vernacular literatures and the relationship of the postcolonial to contemporary politics and art. Previously EN 0123.

**ENGL 1240 American Literature: Myths and Legends****3 Credits**

**Attributes:** ASEN American Studies: Literature, ASGW American Studies: Gateway, ENAM American Literature, E\_AF English Literature After 1800

Our national literary tradition has been defined by the stories we tell about ourselves and our conversations about important social and political issues, including race, reform, democracy, suffrage, Native American removal, class, technology, and Manifest Destiny. This course explores how literature reflects, constructs, and questions the dominant image and understanding of the American identity from the Puritans through the nineteenth century. The course leads to developing a term paper drawing on research and using literary criticism. Writers include Bradstreet, Franklin, Wheatley, Irving, Douglass, Poe, Whitman, Dickinson, James, and Twain. Previously EN 0124.

**ENGL 1250 American Drama****3 Credits**

**Attributes:** ASEN American Studies: Literature, ASGW American Studies: Gateway, ENAM American Literature, E\_AF English Literature After 1800, UDIV U.S. Diversity

This course examines the development of American theatre from the 18th through the 21st centuries. It includes a study and analysis of the special problems affecting the development and changes in American society as seen through American playwriting and theatre production. Students read over twenty plays that grapple with issues of race, ethnicity, gender, class, and what it means to be an American. The course includes theatre trips. Crosslisted with THTR 1250. Previously EN 0125.

**ENGL 1260 American Social Protest Literature****3 Credits**

**Attributes:** ASEN American Studies: Literature, ASGW American Studies: Gateway, EDDV Educational Studies Diversity, E\_AF English Literature After 1800, PJST Peace and Justice Studies

This course explores the long tradition of non-violent social protest in American literature. We examine how many writers have challenged their contemporaries to become aware of important issues - race, women's rights, Native American activism, the environment, war, and poverty. Students keep a journal in which they reflect on the literature and develop strategies for changing themselves and the world around them. A final project asks students to consider ways to raise awareness about a social issue at the University or in the larger community. Selected writers include Stowe, Davis, Thoreau, Crane, Douglass, Steinbeck, King, Wright, and Ginsberg. Previously EN 0126.

**ENGL 1270 Romantic Love in Greek and Roman Literature****3 Credits**

**Attributes:** E\_BF English Literature Before 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused

The course of true love never did run smooth. From Homer's Penelope to Ovid's Remedies of Love we will examine the permutations of romantic desire and its frustrations in the literature of Greece and Rome. Readings also include selections from Sappho's poetry, Sophocles' Women of Trachis, Euripides' Phaedra and Medea, comedies by Menander and Terence, Catullus' poems to Lesbia, Vergil's tale of Dido and Aeneas, selections from the elegies of Tibullus, Sulpicia, Propertius and Ovid, and briefer excerpts from other authors. All readings are in English translation. Crosslisted with CLST 1270. Previously EN 0127.

**ENGL 1290 American Short Story****3 Credits**

**Attributes:** ASGW American Studies: Gateway, ENAM American Literature, E\_AF English Literature After 1800

This course covers the rise of this genre form from the early Nineteenth Century beginning with Poe and continues through the realistic/naturalistic periods up through modernist and post-modernist movement through the present. Some of the authors studied include Poe, Hawthorne, Melville, Crane, Twain, Cather, McCullers, Welty, O'Connor, Hemingway, Faulkner, Roth, Updike, O'Brien, Lahiri. Previously EN 0129.

**ENGL 1300 Literature by Women: Vision and Revision****3 Credits**

**Attributes:** ENAM American Literature, ENBR British Literature, E\_AF English Literature After 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This study of transatlantic, post-1800 literature by women will adopt Virginia Woolf's notion that 'books continue each other.' The course will be anchored in such touchstone texts as Jane Austen's *Pride and Prejudice*, Charlotte Brontë's *Jane Eyre*, and Edith Wharton's *The House of Mirth*. Each touchstone work will be grouped with a number of subsequent literary texts responding to and/or revising the earlier work. Readings will reach across centuries and continents. Topics include the social constructions of race, sexuality, gender, class, and beauty, intertextuality, influence, and canon formation. Previously EN 0130.

**ENGL 1310 Contemporary Women Writers of Color****3 Credits**

**Attributes:** ASEN American Studies: Literature, ASGW American Studies: Gateway, BSAH Black Studies: Arts and Humanities, BSCC Black Studies Component Course, ENAM American Literature, E\_AF English Literature After 1800, PJST Peace and Justice Studies, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course focuses on works by Latinas, Native, Asian American, and African American women writers, as well as moving beyond the borders of the U.S. to include writers from the Americas, emphasizing the decades from the 1970s to the present. We consider the intersectionality of race, ethnicity, gender, sexuality, and socio-economic class, as these contribute to concepts of identity, for both the individual and the community. Authors may include Gloria Anzaldúa, Leslie Marmon Silko, Louise Erdrich, Lan Cao, Nora Okja Keller, Sky Lee, Ana Castillo, Carla Trujillo, Achy Obejas, Loida Maritza Pérez, Danzy Senna, Dorothy West, and Chitra Diakaruni. Previously EN 0131.

**ENGL 1320 20th Century Russian Fiction 3 Credits**

**Attributes:** E\_AF English Literature After 1800, RECS Russian, Eastern European, and Central Asian Studies

In this comparative study, students read works by Russian and Soviet authors in tandem with texts by novelists from Eastern Europe, Asia, and the Americas. From the Silver Age, the course moves to post-Revolutionary fiction and versions of dystopia, considers exile, dislocation, relocation, and dual identity, then examines the effects of the Stalin years, and concludes with contemporary fiction of the post-Soviet era. The course sets the literature with its historical, political, and cultural contexts, incorporating material from the arts, as well. Previously EN 0132.

**ENGL 1330 African American Literary Tradition 3 Credits**

**Attributes:** ASGW American Studies: Gateway, BSFC Black Studies Focus Course, ENAM American Literature, UDIV U.S. Diversity

This survey course examines the development of African American literature from the late eighteenth century to the present, with a focus on issues of literacy, authority, and identity. The course traces this tradition's history from Phillis Wheatley's role in defining American poetry and Olaudah Equiano's *Interesting Narrative*, to the narratives of enslavement by authors such as Harriet Jacobs and Frederick Douglass, to the New Negro Renaissance, the Civil Rights Movement, and contemporary African American fiction and poetry. Previously EN 0133.

**ENGL 1350 Graphic Novels as Thrillers and Chillers 3 Credits**

**Attributes:** ASEN American Studies: Literature, E\_AF English Literature After 1800, UDIV U.S. Diversity

This course will introduce students to the idea of graphic novels as literature that deals with serious subjects, ranging from social, political, cultural, to race-based and sexually sensitive issues, in ways that are hyperbolically dramatic and/or humorous. It has a strong digital component and students will be asked to work with and use a range of multi-modal tools such as blogs, Wiki, Twitter, Animoto, and visual story-telling. Students will be trained to grasp the fact the graphic novels often reflect historical events, prominent ideological and socio-cultural attitudes of the time, and span the spectrum from propelling propaganda to mounting a critique. Previously EN 0135.

**ENGL 1360 Book Histories and Futures: Literature in Times of Media Change 3 Credits**

**Attributes:** E\_AF English Literature After 1800

The book is a long-established symbol of knowledge and a vessel of literary culture, but the digital revolution has complicated its meaning. This course explores the book's current cultural status and its longer history, as both an object and expressive form. Students will chart the book's evolution through both historical and theoretical accounts, and literary works that embody and thematically explore these changes. Students will primarily use the techniques of traditional literary analysis, but will also incorporate methods from related disciplines such as visual and new-media studies, narratology, digital humanities, and book studies to address the course's formally diverse texts. Previously EN 0136.

**ENGL 1410 Imagining Shakespeare 3 Credits**

**Attributes:** ENBR British Literature, E\_BF English Literature Before 1800

Shakespeare is considered the greatest writer in the English language. This course will investigate how his genius is expressed in comedy, history, tragedy, and romance. We will study how each kind of play influences the others in every part of Shakespeare's career. Plays include *The Taming of the Shrew*, *Richard III*, *A Midsummer Night's Dream*, *Henry IV*, *Twelfth Night*, *Hamlet*, *Othello*, *King Lear*, *The Winter's Tale*, and *The Tempest*. We will take a multimedia approach by analyzing performances as well as text. The history of Shakespeare's era and of his critics will be studied as well. Previously EN 0141.

**ENGL 1410X Imagining Shakespeare 3 Credits**

**Attributes:** ENBR British Literature, E\_BF English Literature Before 1800, MSID Magis Core: Interdisciplinary

**Corequisite:** HIST 2228X.

Shakespeare is considered the greatest writer in the English language. This course will investigate how his genius is expressed in comedy, history, tragedy, and romance. We will study how each kind of play influences the others in every part of Shakespeare's career. Plays include *The Taming of the Shrew*, *Richard III*, *A Midsummer Night's Dream*, *Henry IV*, *Twelfth Night*, *Hamlet*, *Othello*, *King Lear*, *The Winter's Tale*, and *The Tempest*. We will take a multimedia approach by analyzing performances as well as text. The history of Shakespeare's era and of his critics will be studied as well. This course is linked with HIST 2228X and fulfills the requirements for the interdisciplinary signature element within the Magis Core. Previously EN 0141X.

**ENGL 1420 Myths and Legends of Ireland and Britain 3 Credits**

**Attributes:** ENBR British Literature, E\_BF English Literature Before 1800, IRSE Irish Studies Elective

This course studies the literature of early medieval cultures of Ireland and Great Britain, with special attention to Celtic culture. The course is divided into four parts, focusing on the Irish *Táin Bó Cuailnge*, the Welsh *Mabinogion*, the Latin Christian legends of Celtic saints, and the Old English epic *Beowulf*. Critical issues for discussion include: paganism and Christianity; conceptions of law, kinship, and nationhood; warrior culture and the idea of the hero; the status of art and poetry; orality and literacy; the natural and the supernatural; the construction of gender. Previously EN 0142.

**ENGL 1430 The Greenworld: English Literature and the Environment 3 Credits**

**Attributes:** ENBR British Literature, EVHU Environmental Studies: Humanities, EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, E\_BF English Literature Before 1800

A survey of prose, poetry, and drama, the focus of this course is on the 'Greenworld' in early modern English literature. The Greenworld encompasses all visions of the natural world: forests, gardens, oceans, caves, parks, animals, etc., as represented in many different aesthetic forms. Students will be introduced to a number of environmental studies topics, including land dispossession, natural disasters, New World plantations, land stewardship, and animal rights, as these topics appear in literature. Course readings range broadly from Virgil, Montaigne, and Shakespeare to James Cameron's *'Avatar'*, and from the philosophical transactions of the Royal Society to transcriptions of witchcraft trials. Previously EN 0143.

**ENGL 1450 King Arthur 3 Credits**

**Attributes:** E\_BF English Literature Before 1800

A survey of the literature of the legend of Arthur, from ancient Celtic fragments and references to medieval chivalric romances, and on to modern reinterpretations in poems, novels, and film. Particular focus on the romances of Marie de France, Chrétien de Troyes, Sir Thomas Malory, and the anonymous author of *Sir Gawain and the Green Knight*. Attention to such themes as: the construction of nationality; the tension between the individual and culture; the stylized representation of gender and class; the interplay of reality and fantasy; theories of authorship and audience; connections to history-writing and to other literary genres. Previously EN 0145.

**ENGL 1610 Irish Literature 3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, ENBR British Literature, E\_AF English Literature After 1800, IRSE Irish Studies Elective

The course studies the deep connections between the literature and history of Ireland from 1800 to the present, further developing the ability to read literature closely (to analyze and interpret the figurative language and stylistic features of fiction, drama, and poetry) and to write convincingly about the meanings and ideas that such close reading yields. It also adds to this skill by teaching students to recognize and articulate the inherent links between literature, history, and culture, links which are particularly evident in modern Irish writing, and which are revealed through close reading. Previously EN 0161.

**ENGL 1620 Irish Women Writers 3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, ENBR British Literature, E\_AF English Literature After 1800, IRSE Irish Studies Elective, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course is a study of women writers both Anglo and Gaelic, from 19th-century fiction to contemporary poetry. The course focuses on the cross-cultural differences between these two groups, one privileged, the other marginalized, who perhaps share only a common language. Besides women's issues: education, emigration, marriage, motherhood, and equality, the themes include the Big House, colonization, the Literary Revival, folklore, the storyteller, and the roles of religion and politics in the society. Among the authors to be explored are Maria Edgeworth, Somerville and Ross, Elizabeth Bowen, Lady Gregory, Marina Carr, Peig Sayers, Edna O'Brien, Éilís Ní Dhuibhne, Eavan Boland, and Nuala Ní Dhomhnaill. Previously EN 0162.

**ENGL 1630 Literature of Illness and Healing: Wounded Storytellers and Dedicated Healers 3 Credits**

**Attributes:** HSTE Health Studies: Traditions, Delivery, and Ethics, UDIV U.S. Diversity

What is it like to suffer a stroke, contend with cancer, deal with depression or live with a debilitating disease? While bio-medicine may clinically treat such conditions, it is to literature that we turn to gain a humanistic understanding of the emotional and spiritual impact of illness on wounded storytellers and on the dedicated doctors and nurses who care for them. Readings in various literary genres (memoir, essay, poetry, fiction, drama) and films with medical themes will also explore issues of diversity, noting how gender, race, ethnicity, religion, and sexual orientation affect the illness experience. Previously EN 0163.

**ENGL 1700 Writing the Self: Autobiography 3 Credits**

**Attributes:** ASGW American Studies: Gateway, ENAM American Literature, E\_AF English Literature After 1800, UDIV U.S. Diversity

Autobiography holds a special place in its presentation of the writer's self, enlisting the reader's belief in the author's 'confession' while crossing the line between fictional work and truth. This course examines autobiography and related genres, including memoir, diaries, and personal essays and considers their purpose: what do these authors reveal about themselves, and why? How much is convention, how much is truth? What impact do race, gender, class, nationhood, and ethnicity have on the construction of identity? Writers may include Franklin, Shepard, Douglass, Barnum, Johnson, Winnemucca, Zitkala-Sa, Malcolm X, Wright, Baldwin, Stein, Walker, and Cisneros. Previously EN 0170.

**ENGL 1710 Literature and the Visual Arts 3 Credits**

**Attributes:** ENAM American Literature, ENBR British Literature, E\_AF English Literature After 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This interdisciplinary course will examine the dynamic relationship between literature and the visual arts. Special attention will be paid to literature written in English during the 19th and 20th centuries, a time when writers and cultural critics were increasingly interested in the visual arts in general (painting, sculpture, photography, film, etc.) and the impact of the new mass media in particular. These artists forged a unique and significant relationship between their bodies of work and the visual arts; several of the writers studied worked in the tradition known as 'ekphrasis' (e.g., poems 'speaking' to a work of art). Writers of focus might include Blake, Poe, the Brownings, the Rossettis, Siddall, Wilde, Wharton, and Larsen. Previously EN 0171.

**ENGL 1720 Literacy and Language 3 Credits**

**Attributes:** EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, E\_AF English Literature After 1800, UDIV U.S. Diversity

This course examines the concept of literacy as it is represented in fiction and non-fiction texts. Reading widely, in memoirs, essays, fiction, creative non-fiction, and drama, we will consider individual experiences with literacy, language, and schooling, as well as the relationship between literacy and power. The course includes a service learning experience that connects issues from the course to the real context of a local elementary school. Previously EN 0172.

**ENGL 1730 You Are Here: Reading and Writing Place 3 Credits**

In this course, activities will help students develop confidence in engaging complex texts and ignite interest in post-course reading and deep appreciation of literature. Students will learn to read closely and to look at intertextuality (the way texts 'talk' to each other) as well as connecting these texts to history and culture. Students will continue using their literary and critical vocabulary, practicing their writing and speaking and research skills, and will continue their habits of integrating sources.

**ENGL 1801 Creative Writing 3 Credits**

This course fosters creativity and critical acumen through extensive exercises in the composition of poetry and fiction. Previously ENW 0200.

**ENGL 1802 Creative Writing: Poetry I 3 Credits**

This workshop course concentrates on the analysis and criticism of student manuscripts, devoting a portion of the course to a discussion of major trends in contemporary poetry and significant movements of the past. The course considers traditional forms, such as the sonnet and villanelle, as well as modern experimental forms and free verse. Students learn how to prepare and submit manuscripts to publishers. Previously ENW 0202.

**ENGL 1804 Creative Writing: Drama 3 Credits**

This course teaches the writing of one-act plays for the stage in a workshop format that involves envisioning, writing/drafting, and regular revision of seed-ideas and subjects. The process requires skillful, imaginative handling of the formative elements of drama, including plot, character, language or speech-action, envisaged staging, and form. It also involves timely submission of assignments and drafts of scenes and whole plays for periodic in-class readings and feedback. Students are expected to submit at specified times midterm and final drafts that demonstrate the technique or art of playwriting as well as conform to the general requirements of the course. Previously ENW 0204.

**ENGL 1805 Creative Writing: Fiction I****3 Credits**

This course for the student who seeks an intensive workshop approach to fiction composition emphasizes the short story and focuses on the analysis of student manuscripts. It includes some discussion of the work of significant authors (past and present) as a way of sharpening student awareness of technique and the literary marketplace for fiction. Previously ENW 0205.

**ENGL 1806 Creative Writing: Nonfiction I****3 Credits****Attributes:** ENDE Digital Journalism Elective

This course offers students the opportunity to study and practice the art and craft of literary nonfiction. Students will study the work of accomplished writers in the field, both past and present, as a foundation for analyzing and critiquing each other's manuscripts in workshop format. Forms studied and practiced will include the memoir, personal essay, and reflective essay. Previously ENW 0206.

**ENGL 1832 Business Writing****3 Credits****Attributes:** BUEL Business Elective, ENDE Digital Journalism Elective

This course investigates the demands of business writing, including designing documents that visually display information and invite readers to read either quickly or thoroughly. The course stresses theoretical issues as well as practical skills. Students practice writing skills on a variety of projects including memos, proposals, reports, collaborative writing, and writing as part of the job-hunting process. Learning goals include understanding the purposes of writing in business and industry, writing with a clear sense of audience, becoming familiar with document design and electronic communication, ethical and cross-cultural issues, and reviewing scholarly writing and research in this academic field. Previously ENW 0332.

**ENGL 1835 Technical Writing****3 Credits****Attributes:** ENDE Digital Journalism Elective, EVAP Environmental Studies: Applied Professional Skills

This course investigates the theory and practice of writing in technical fields, introducing students to types of oral, written, and hypertext communication that technical writers use in workplace settings. In-class writing activities, workshops, and lengthier projects familiarize students with the styles, organizations, and formats of various documents, and prepare students for the special demands of technical writing. The course also introduces students to research and scholarly writing in the academic field. This course is suitable for advanced undergraduate students preparing for writing-intensive careers or graduate school, as well as technical writing professionals and practitioners who wish to plan, research, and write more effectively. Previously ENW 0335.

**ENGL 1839 Grant and Proposal Writing****3 Credits****Attributes:** ENDE Digital Journalism Elective, EVAP Environmental Studies: Applied Professional Skills, HASM Humanitarian Action Minor Skills/Method Course, UDIV U.S. Diversity

This course prepares students to write effective proposals and reports. Students learn to define and write problem statements, objectives, plans of action, assessment documents, budget presentations, and project summaries. In addition, they sharpen their teamwork, editing, writing, audience awareness, and design skills as they engage in collaborative projects with non-profit organizations in the community. Relevant historical and ethical considerations are discussed. A service learning component is included in this course. Previously ENW 0339.

**ENGL 1850 Professional Presentations: Writing and Delivery****3 Credits****Attributes:** ENDE Digital Journalism Elective

The ability to speak confidently and convincingly is an asset to everyone who wants to take an active role in their workplace and community. This interdisciplinary and writing-intensive course provides students with the necessary tools to produce audience-centered presentations and develop critical-thinking skills. It also introduces the techniques of argumentation and persuasion, and the use of technology in presentations. Previously ENW 0214.

**ENGL 1870 News Writing****3 Credits****Prerequisite:** ENGL 1001.

This introductory course emphasizes the techniques used by reporters to collect information and write stories for newspapers, magazines, the Internet, and broadcast outlets. Students learn to gather information, interview sources, write leads, structure a story, and work with editors. Students analyze how different news organizations package information, hear from guest speakers, and visit working journalists in the field. Students develop a higher level of media literacy and learn to deal with the news media in their careers. Previously ENW 0220.

**ENGL 1872 Introduction to Sports Writing****3 Credits**

Sports writing is one of the things keeping local media alive. For every story on ESPN.com or The Athletic that one sees about a professional sports contest, there were likely thousands published on smaller platforms about local high school football, small Division I basketball, or even middle school soccer. In this course, students will learn the basics for covering sports primarily for sports websites and local and regional newspapers. They will also study the evolution of the daily sports reporter, from how it originated in the 1900s to how and why it has changed significantly in the last decade alone. Previously ENW 0223.

**ENGL 2002 American Poetry****3 Credits****Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, ENAM American Literature, E\_AF English Literature After 1800**Prerequisite:** One 1000-level English literature course.

This course surveys a range of significant works of American poetry. It is an introduction to various movements (e.g., transcendentalism or modernism), various schools (e.g., New Formalism), and the turn to a multi-lingual and multi-vocal poetry found in the Harlem Renaissance and Spoken Word movements. The course pays particular attention to form, while grounding understanding of form within a socio-historical context. Readings may range from Walt Whitman, Emily Dickinson, William Carlos Williams, Elizabeth Bishop, Wallace Stevens, Gwendolyn Brooks, Robert Frost, Langston Hughes, Pedro Pietri, Joy Harjo, and others. Previously EN 0202.

**ENGL 2003 English Epic****3 Credits****Attributes:** ENBR British Literature, E\_BF English Literature Before 1800**Prerequisite:** One 1000-level English literature course.

Study of large-scale, verse narratives created or received as English national epics, or composed in the epic tradition. Texts will represent the major time periods of earlier English literary history: Beowulf from the Old English period, Sir Gawain and the Green Knight or Morte d'Arthur from the Middle English period, excerpts from Spenser's Faerie Queene from the Elizabethan period, Milton's Paradise Lost from the seventeenth century, Pope's Rape of the Lock from the eighteenth century. Critical attention will be paid throughout to changing and competing conceptions of England, nation, and epic. Previously EN 0203.



**ENGL 2004 Literary Fairy Tale Tradition****3 Credits****Attributes:** E\_AF English Literature After 1800**Prerequisite:** One 1000-level English literature course.

This course is a survey of the fairy tale as a literary genre which traces the development of the literary tradition from sixteenth-century Italy to the Brothers Grimm and nineteenth-century authors including Hans Christian Andersen and Oscar Wilde, and studies Charlotte Brontë's *Jane Eyre* to note connections to the genre of the novel. Also follows the persistence of fairy tales in modern, post-modern, and contemporary fiction, and in popular film. Requirements include a research paper on a fairy tale or author of the student's choosing. Not to be taken by students who have taken ENGL 1030. Previously EN 0204.

**ENGL 2011 Age of Chaucer****3 Credits****Attributes:** CAOT Catholic Studies: Non-Religious Studies, E\_BF English Literature Before 1800**Prerequisite:** One 1000-level English literature course.

A survey of the literature of late-medieval England, focusing on its richest period, the second half of the fourteenth century - the age of Chaucer and his contemporaries. Students will gain access to the Middle English language, and study examples of the main genres of medieval literature, including religious and secular lyric, mystical writing, courtly romance, religious drama, chronicle, and comic narrative. Literature will be considered within its social and historical contexts, with special attention to representations of social order, and challenges to that order, notably the Great Rebellion of 1381. Previously EN 0211.

**ENGL 2013 Shakespeare I****3 Credits****Attributes:** ENBR British Literature, E\_BF English Literature Before 1800**Prerequisite:** One 1000-level English literature course.

In the first half of Shakespeare's career, comedy, tragedy, and history plays express both the spirit of the Elizabethan age and their own identities as different genres that reference each other. A *Midsummer Night's Dream*, *Romeo and Juliet*, *Henry IV*, and *Much Ado About Nothing* are among a selection of ten plays that explore dimensions of love, religion, and politics. We learn how critics have approached Shakespeare in many different ways, and how to evaluate and respond to critical opinion. Multimedia presentations show how performance and text combined enrich our understanding of this great writer. Previously EN 0213.

**ENGL 2014 Shakespeare II****3 Credits****Attributes:** ENBR British Literature, E\_BF English Literature Before 1800**Prerequisite:** One 1000-level English literature course.

The second half of Shakespeare's career begins with bright Elizabethan comedies (*As You Like It*, *Twelfth Night*) and transitions to the darker Jacobean tragedies (*Hamlet*, *Othello*, *King Lear*). These troubling modern visions lead through problem plays to the anti-heroic late tragedies and the romances (*The Tempest*), exploring issues of racism, colonialism, and social justice. We learn how critics have approached Shakespeare in many different ways, and how to evaluate and respond to critical opinion. Multimedia presentations show how performance and text combined enrich our understanding of this great writer. Previously EN 0214.

**ENGL 2015 Introduction to 18th Century British Literature****3 Credits****Attributes:** ENBR British Literature, E\_BF English Literature Before 1800**Prerequisite:** One 1000-level English literature course.

This selective survey of 18th-century English literature includes authors such as Pope, Swift, Gray, Jonson, Boswell, Goldsmith, Burns, and Montague. Previously EN 0215.

**ENGL 2016 Victorian Poetry and Poetics****3 Credits****Attributes:** ENBR British Literature, E\_AF English Literature After 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** One 1000-level English literature course.

This course examines the poetry and theories of poetry posited by Victorian men and women who explored concepts of identity vis-à-vis Victorian notions of culture, religion, science, politics, and sexuality. Beginning with Arnold and ending with Wilde, the course covers both poetry and literary movements such as Pre-Raphaelitism, Decadence, aestheticism, and symbolism. Previously EN 0216.

**ENGL 2019 20th Century British Literature****3 Credits****Attributes:** ENBR British Literature, E\_AF English Literature After 1800**Prerequisite:** One 1000-level English literature course.

A survey of major developments in twentieth-century British, Irish, and Anglophone Post-colonial literature. 20th-Century England is shaped by rapid technological changes, the breakdown of Victorian mores and orthodox beliefs, the devastation of the Great War, the advent of psychoanalysis, and the height and decline of the British empire. Students learn to recognize and evaluate how these events relate to the new, experimental styles of Modern, Postmodern, and Postcolonial writing. Authors studied range from early figures such as Joseph Conrad, Virginia Woolf, W.B. Yeats, and James Joyce to contemporary stars such as Kazuo Ishiguro, J.M. Coetzee, and Zadie Smith. Previously EN 0218.

**ENGL 2031 Early American Literature****3 Credits****Attributes:** ASEN American Studies: Literature, ENAM American Literature, E\_BF English Literature Before 1800**Prerequisite:** One 1000-level English literature course.

A study of the origins of literature of the Americas with an emphasis on the Puritans and early Republic through 1830. We begin with the oral history of Native Americans and the literature of colonization and exploration. We also explore the rich tradition of spiritual autobiography, poetry, narrative history, and sermons among the Puritans. Turning to the eighteenth-century, we examine captivity narratives and democratic writing of the Revolutionary period, with an emphasis on the impact of the slave trade, colonization, Independence, and contemporary issues of the post-colonial period. Previously EN 0231.

**ENGL 2033 American Women Writers of the 19th Century****3 Credits****Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, ENAM American Literature, E\_AF English Literature After 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** One 1000-level English literature course.

A study of American female writers who have made an impact on the world through their fiction, journalism, or poetry. The course is organized thematically around a set of topics related to nineteenth-century women's lives and selves: gender and domesticity, suffrage, slavery, labor, frontier life, sexuality, and social activism. African-American and Native-American women's writings and those of other ethnicities also form an integral part of the tradition. Writers may include Alcott, Beecher, Cary, Child, Chopin, Dickinson, Fern, Freeman, Gilman, Jacobs, Kirkland, Harper, Keckley, Jewett, Piatt, Ruiz de Burton, Sin Far, Spofford, Stowe, and Wharton. Previously EN 0234.



**ENGL 2043 American Literature: 20th Century to the Present 3 Credits**

**Attributes:** ASUP American Studies Upper Level, ENAM American Literature, E\_AF English Literature After 1800

**Prerequisite:** One 1000-level English literature course.

A survey of 20th Century American Literature to the present within the socio-historical context of diverse and overlapping literary and cultural traditions of the United States, such as (though not limited to) Native American, African American, Anglo American, and Asian American. Writers might include Eliot, Hemingway, Faulkner, Yeziarska, Hughes, Hurston, McNickle, Bellow, Okada, Kerouac, Rich, Plath, Welch, Gaines, Jen. Previously EN 0233.

**ENGL 2045 Edith Wharton and Her Circle 3 Credits**

**Attributes:** ASEN American Studies: Literature, ENAM American Literature, E\_AF English Literature After 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level English literature course.

A study of fiction by American realist Edith Wharton in the context of her peers, including writers she read and those she inspired. While Wharton serves as a focal point, the course also examines the works and ideas of such influential figures as Balzac, Flaubert, Maupassant, Chekhov, James, Crane, Dreiser, and Freeman, as well as adaptations of Whartonian themes by such novelists as Larsen, Bushnell, von Ziegesar and Tóibín. Topics include the social construction of 'whiteness,' the art of social climbing, turn-of-the-century gender crises involving masculinity and the New Woman, and the social and cultural transformations wrought by the modern city. Previously EN 0235.

**ENGL 2062 The Harlem Renaissance 3 Credits**

**Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, BSAH Black Studies: Arts and Humanities, BSFC Black Studies Focus Course, EDDV Educational Studies Diversity, E\_AF English Literature After 1800, UDIV U.S. Diversity

**Prerequisite:** One 1000-level English literature course.

This course examines African American literature and culture from Washington's Up from Slavery and Du Bois's The Souls of Black Folk, through the 1920s and the Great Depression, to the eve of U.S. participation in World War II. Grounded in U.S. history, the course explores fiction, poetry, and other forms of cultural production such as painting, sculpture, film, and music. It examines the aftermath of Reconstruction, the effects of the Great Migration, and the responses to Du Bois's call for a 'Talented Tenth.' The Harlem Renaissance provides the major focus, as do the debates about whether there was such a movement at all. The course looks towards the development of a contemporary Black tradition in literature and culture. Previously EN 0262.

**ENGL 2063 African American Women Writers 3 Credits**

**Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, BSAH Black Studies: Arts and Humanities, BSFC Black Studies Focus Course, ENAM American Literature, E\_AF English Literature After 1800, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level English literature course.

This course offers a survey of writing by African American women from the mid-nineteenth century to the present, focusing primarily on autobiography and fiction. Beginning with Jacobs's Incidents in the Life of a Slave Girl and examining late-nineteenth-century fiction by authors such as Harper, the course examines issues of redefining womanhood, participating in racial uplift, and coming to voice as both women and as writers. Moving through the twentieth century and into the twenty-first, the course may include writers such as Larsen, Fauset, Hurston, Petry, Morrison, Lorde, Naylor, Sapphire, Blackman, Youngblood, and Packer. Previously EN 0263.

**ENGL 2064 African American Fiction, 1940 to Present 3 Credits**

**Attributes:** ASUP American Studies Upper Level, BSAH Black Studies: Arts and Humanities, BSFC Black Studies Focus Course, ENAM American Literature, E\_AF English Literature After 1800, UDIV U.S. Diversity

**Prerequisite:** One 1000-level English literature course.

A comparative study of novels by African American men and women, beginning with Richard Wright and Ann Petry in the 1940s, continuing through the 50s and 60s with writers such as Ralph Ellison, Gwendolyn Brooks, James Baldwin, and Alice Walker, and ending with major novelists from the 1970s, such as Charles Johnson, Toni Cade Bambara, Ernest Gaines, and Toni Morrison. The course focuses on topics such as family, religion, education, and urban experience, education, gender and sexuality, and shifting definitions of Blackness. Narrative techniques offer a main thread of discussion throughout the course. Previously EN 0264.

**ENGL 2075 Modern Women Writers 3 Credits**

**Attributes:** ENAM American Literature, ENBR British Literature, E\_AF English Literature After 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level English literature course.

This course examines the work of late nineteenth- and early twentieth-century American and British 'sisters in error' (as described by poet Dilys Laing). We consider literature and its contexts - social, historical, political, ideological, artistic, and more. Among the concerns raised by these women are the following: the body, sexuality, marriage, motherhood, domesticity, vocation, the making of art and the artist, the homosocial, patriarchy, the struggle for individuality, relations between the sexes, tensions between True Woman and New Woman, and what it means to be 'modern.' The reading list embraces fiction, poetry, drama, and nonfiction prose. Writers of focus may include Bowen, Chopin, Dinesen, Eaton, Gilman, Glaspell, Hurston, Larsen, Mansfield, O'Connor, Parker, Porter, Spencer, West, Wharton, and Woolf. Previously EN 0275.

**ENGL 2081 Native American Literature 3 Credits**

**Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, ENAM American Literature, E\_AF English Literature After 1800, UDIV U.S. Diversity

**Prerequisite:** One 1000-level English literature course.

This course focuses on novels, short stories, and poems written by Native American writers during the 20th century. For purposes of background, the course also covers a number of significant works composed prior to this century. Students examine texts primarily for their literary value, but also consider the broad image of Native American culture that emerges from these works. The course also examines the philosophical, historical, and sociological dimensions of the material. Previously EN 0281.

**ENGL 2082 Latinx Literature****3 Credits**

**Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, ENAM American Literature, E\_AF English Literature After 1800, LCEL LACS Minor: Elective, UDIV U.S. Diversity

**Prerequisite:** One 1000-level English literature course.

This is an introductory course on the literature produced by Latinos in the U.S. The course approaches the subject from an interdisciplinary lens, examining the literature from not only the tools available in literary studies but history and sociology, as well. The course will address historical, contemporary political and socioeconomic issues affecting Latinos (the most historically prevalent of which have been immigration status, language regulation, and racial/ethnic discrimination) and connect them to cultural production. We read such authors as Sandra Cisneros, Junot Díaz, Ed Vega Yunque, various Nuyorican and Chicano Poets, and others to better understand the literary and cultural products of the now largest minority group in the United States. Course readings and discussions are in English. Spanglish is welcomed. Previously EN 0282.

**ENGL 2083 Asian Diasporas: Challenges to Citizenship****3 Credits**

**Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, E\_AF English Literature After 1800, HACA Humanitarian Action Minor Context Course, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level English literature course.

This course examines the explosion of Asian American fiction/cinema to study diasporic, migratory, refugee, socio-cultural and ethnic identities. Together with fiction and cinema, we will study historical and political documents that deal with the interpellation of citizenship challenges of Indian, Afghan, Pakistani, Chinese, Japanese, Bangladeshi, Vietnamese, Korean, Hawaiian-Pacific, and Sri Lankan subjects as seek to be integrated into the State and into US cultures. We study how Asian Americans authors assert their presence to claim American citizenship, while challenging racist, sexist, and xenophobic stereotypes of 'aliens' as outsiders and foreigners. Previously EN 0283.

**ENGL 2091 Gender and Sexuality in Film and Literature****3 Credits**

**Attributes:** E\_AF English Literature After 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level English literature course.

This course examines the way gender and sexuality are represented in film and literature, beginning with an overview of lesbians and gays in film history with Vito Russo's *The Celluloid Closet*. The course then moves through popular films and novels from the 1960s to the present day, looking at the ways attitudes about gender are enmeshed with representations of homosexuality. Themes and topics include: What is the relationship between gender and sexuality? How are concepts of masculinity and femininity presented in novels and on screen? How have these representations changed as our culture's rules about gender and sexuality have become less rigid? The course aims to develop an analysis of current cultural assumptions about gender and sexuality, as they are revealed in film and literature. Previously EN 0291.

**ENGL 2092 Contemporary Children's Literature****3 Credits**

**Attributes:** ENAM American Literature, E\_AF English Literature After 1800

**Prerequisite:** One 1000-level English literature course.

This course explores children's literature published in the United States between 1950 and the present. The course will give you both the chance to re-acquaint yourself with books that you enjoyed as a child and encounter books you missed when you were young. You will develop what critic U.C. Knoepfelmacher calls 'the double perspective,' that is, the ability to consider books written for children as both a child and an adult reader. You will read literary criticism on children's literature, as well as information on careers in children's books publishing. Previously EN 0292.

**ENGL 2170 Themes in Creative Writing****3 Credits**

**Attributes:** HSTE Health Studies: Traditions, Delivery, and Ethics, PJST Peace and Justice Studies

**Prerequisite:** ENGL 1802 or ENGL 1805 or ENGL 1806.

This course provides an opportunity for students to study how a single theme is treated by a number of writers in the diverse genres of poetry, fiction, and nonfiction and to experiment with writing in all three genres as well. Topics will vary by year, but students will get the opportunity to write creatively and analytically on the theme in a course that combines techniques of literary study with those of creative writing. Previously ENW 0207.

**ENGL 2220 Teaching and Writing****3 Credits**

**Attributes:** EDCG Educational Studies Cognate

**Prerequisite:** ENGL 1001.

This course is designed to enhance students' skill as writers and their preparation as future teachers of writing in elementary and secondary schools. The course explores four significant questions: How do students learn to write? What experiences encourage good writing? How can your own experience as a writer inform your teaching? And, What do professional or state standards (such as the Common Core State Standards) require students to know about writing? Students have opportunities to write in a variety of genres and for a range of audiences. This course will help students develop the knowledge, skills, and competences to meet the NCTE/NCATE Standards for the Initial Preparation of Teachers of Secondary English Language Arts. Previously ENW 0311.

**ENGL 2230 Teaching and Learning Grammar****3 Credits**

**Attributes:** ENDE Digital Journalism Elective

**Prerequisite:** ENGL 1001.

This course is intended for students who may want to teach English Language Arts and who want to build (or build on) a strong foundation in both traditional and alternative models of English grammar and pedagogy. This course will help students develop the knowledge skills and competences to meet the NCTE/NCATE Standards for the Initial Preparation of Teachers of Secondary English Language Arts. A primary goal of the course is to help future teachers understand the study of grammar as more than learning a static list of rules, but rather as a set of overlapping inquiries into the origins, nature, uses, and consequences of language. Previously ENW 0317.

**ENGL 2290 Writing and Responding****3 Credits****Prerequisite:** ENGL 1001.

This course introduces the field of contemporary composition theory. Composition theorists consider ways of responding to the words of other people in a manner that is thoughtful, careful, and provocative. At the same time, they learn that by responding to the work of others, they ultimately become better writers and better thinkers themselves. This course focuses specifically on the response types appropriate for one-to-one work with writers. Students also gain hands-on experience in the course by writing extensively, sharing writing with other class members, critiquing student texts, and engaging in trial tutoring sessions. This course is a prerequisite for anyone wishing to apply for a paid position as a peer tutor in the Fairfield University Writing Center. Previously ENW 0290.

**ENGL 2370 News Writing II: Digital Design****3 Credits****Prerequisite:** ENGL 1870.

The journalism world is in the middle of a transformation in the way stories are conceptualized, generated and communicated. Digital Journalism will help students discover how to take advantage of the multimedia possibilities in this new world of online story telling. This intermediate writing and multimedia course will allow students to build more complex and engaging story packages, taking advantages of new computer tools like the Adobe Creative Suite. It also will introduce students to the literature of publication design and help them develop an appreciation of the contributions that various world cultures have made to communication and design aesthetics. Previously ENW 0221.

**ENGL 2380 Journalism Editing and Design****3 Credits****Attributes:** ENDE Digital Journalism Elective

Editing skills are in high demand in today's journalism job market both for traditional and online sources of information. This intermediate level course emphasizes conciseness, precision, accuracy, style, and balance in writing and editing. The course includes researching and fact-checking, basic layout and design, headline and caption writing, and online editing. Previously ENW 0222.

**ENGL 2382 The Power of Podcasting****3 Credits****Attributes:** ENDE Digital Journalism Elective**Prerequisite:** ENGL 1001.

This course focuses on the power of the heard word, of audio storytelling. In this course, we will listen to the best podcasts available, and study them to find out what makes them so effective. We'll try to understand why we care so much about the people in the stories that are told, and then we will attempt to do our own audio storytelling. By the end of the semester, we will have created our very own multi-episode podcast that aims to do the same things that 'This American Life,' 'Radio Lab,' 'Serial,' and others do: hook listeners. Previously ENW 0224.

**ENGL 2384 Media Law and Ethics****3 Credits****Attributes:** ENEC Digital Journalism Ethics Component**Prerequisite:** ENGL 1870.

This course is an introduction to news media related law, policy, and ethical issues. It surveys how the U.S. constitutional law impacts media practices from both historical and contemporary perspectives. Some key topics include the First Amendment, privacy, intellectual property, commercial speech, privacy, and open access. The course also examines how traditional journalistic ethics (fairness, objectivity, responsibility, and credibility) intersect, or don't intersect, with the law. Students will discuss new legislative and ethical issues raised by technological innovations and socioeconomic shifts. Previously ENW 0230.

**ENGL 3011 Chaucer's Canterbury Tales****3 Credits****Attributes:** CAOT Catholic Studies: Non-Religious Studies, ENBR British Literature, E\_BF English Literature Before 1800**Prerequisite:** One 1000-level English literature course.

This course introduces students to Middle English language and literature through a close study of the poetry of Geoffrey Chaucer, focusing on his *Canterbury Tales*. Students analyze the stylistic forms and representations of 14th-century society through tales, selected for their generic and stylistic variety, that include the tragic and the comic, the sacred and the profane. Previously EN 0311.

**ENGL 3014 Renaissance Eros****3 Credits****Attributes:** E\_BF English Literature Before 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** One 1000-level English literature course.

This course explores eroticism in literature and visual culture in the Italian and English Renaissance(s), a time period from the late fourteenth century to the early seventeenth century. Topics of study include desire, sexual love, and beauty, the philosophy of friendship, the legacy of Petrarchanism, the pervasiveness of same-sex desire, cross-class relationships, and female sovereignty. The course offers a variety of interpretive models to analyze the complex role of eros in the works of Petrarch, Boccaccio, Plato, Shakespeare, Lyly, Marlow, and Montaigne. Previously EN 0314.

**ENGL 3019 James Joyce****3 Credits****Attributes:** CAOT Catholic Studies: Non-Religious Studies, ENBR British Literature, E\_AF English Literature After 1800, IRSE Irish Studies Elective**Prerequisite:** One 1000-level English literature course.

An intensive study of James Joyce's comic novel *Ulysses*, emphasizing thorough close reading of the text, understanding the work relative to Joyce's other fictional masterpieces, and extensive reading of related criticism and scholarship. Highly recommended: students should have read at least one complete work by James Joyce before taking the course. Previously EN 0319.

**ENGL 3021 Life and Print Culture in 18th Century London****3 Credits****Attributes:** ENBR British Literature, E\_BF English Literature Before 1800**Prerequisite:** One 1000-level English literature course.

What was it like to live in 18th Century London? This course will explore daily life in London from the Great Fire to the French Revolution, using novels alongside other forms of popular literature (pamphlets, ballads, broadsides, cookbooks, and newspapers) to trace what ordinary people talked about and care about in their workaday world. Popular art such as Hogarth's engravings will show us what London and its people looked like. The course will investigate how to evaluate and discuss all forms of popular print culture within the larger context of literature. Previously EN 0321.

**ENGL 3032 American Romanticism****3 Credits****Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, ENAM American Literature, E\_AF English Literature After 1800**Prerequisite:** One 1000-level English literature course.

This course explores transcendentalism and romanticism during the flowering of intellectual and social life in America from 1830 to 1865. Studying the transatlantic origins of this movement in philosophy, religion, and literature, we examine how these writers responded to literary influences and crafted their unique style. The course also focuses on the relationship between literature and American culture, including a study of the visual arts and material culture. Authors include Emerson, Fuller, Thoreau, Alcott, Poe, Hawthorne, Melville, Douglass, Davis, Whitman, and Dickinson. Previously EN 0332.

**ENGL 3033 American Realism and Naturalism****3 Credits**

**Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, ENAM American Literature, E\_AF English Literature After 1800

**Prerequisite:** One 1000-level English literature course.

This course examines the literary modes of representation known as realism and naturalism. We will consider the ways in which literature represents, responds to, and shapes the extraordinary transformations in American culture from 1865 through the turn into the twentieth century. The course will consider literature and its contexts: social, historical, political, ideological, artistic, etc. Writers may include Chesnutt, Chopin, Crane, Davis, Dreiser, Du Bois, Eaton, Freeman, Gilman, Howells, James, Jewett, Norris, Twain, Washington, and Wharton. Previously EN 0333.

**ENGL 3034 American Modernism****3 Credits**

**Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, ENAM American Literature, E\_AF English Literature After 1800

**Prerequisite:** One 1000-level English literature course.

This course explores the wide ranging cultural dynamics of American literary modernism (roughly 1920-1950) in the works of writers such as Hurston, Hemingway, Yeziarska, Eliot, Hughes, Faulkner, Matthews. Topics to discuss include, but are not limited to, time, space, gender, nationality, race, and ethnicity. Previously EN 0334.

**ENGL 3035 Contemporary American Literature and Culture****3 Credits**

**Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, ENAM American Literature, E\_AF English Literature After 1800

**Prerequisite:** One 1000-level English literature course.

This course examines significant developments in American Literature and Culture from the period following World War II to the present. The course explores the turn to cultural studies in the field of literary studies that occurred during this period, allowing us to examine non-traditional literary texts such as music, film, graphic novels, and games. We ground our discussion heavily in literary theory. Previously EN 0335.

**ENGL 3036 Seminar on Toni Morrison****3 Credits**

**Attributes:** ASEN American Studies: Literature, BSFC Black Studies Focus Course, ENAM American Literature, E\_AF English Literature After 1800, PJST Peace and Justice Studies, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level English literature course.

A comprehensive study of the works of Toni Morrison, the course situates her novels and nonfiction prose in their historical and cultural contexts. Attention to narrative techniques as well as to theoretical approaches from a range of disciplines offers students the opportunity to explore topics including gender and slavery, violence and trauma, identity construction, Black masculinity, commodity culture and racialized identity, law and civil rights, accommodation and resistance, family structures, community, geography and location/dislocation/relocation, ethics and relation, and Black female sexualities. Previously EN 0336.

**ENGL 3051 Literary Theory****3 Credits**

**Attributes:** E\_AF English Literature After 1800

**Prerequisite:** One 1000-level English literature course.

The course examines the major theoretical approaches to the study of literature that developed in relation to important political and intellectual movements of the twentieth century. Despite highly significant differences, we presuppose that all literary theories pose similar questions: What is literature? Why does literature matter, and how do critics assign aesthetic value? This course studies the way various schools of theories have answered these questions. Included in our study are Formalism/New Criticism, Post-structuralism, Psychoanalytic criticism, Feminist theory, Gender and Queer Studies, Post-colonialism, and others. Course readings range broadly from Kant to Derrida, Freud to Spivak. Previously EN 0351.

**ENGL 3052 Cultural Studies Theory****3 Credits**

**Attributes:** E\_AF English Literature After 1800, UDIV U.S. Diversity

**Prerequisite:** One 1000-level English literature course.

This interdisciplinary course examines the concept of culture as it is constructed, sustained, and contested within the United States and the United Kingdom. Readings focus on the history, theory, and practice of culture (high and mass) in the two countries. Class discussions focus on the interactive impact of our understanding of the term 'culture' upon contemporary societies as it factors into nationhood, race, gender, class, sexuality, and media. As a way of understanding the various theories that undergird the experiential manifestations of culture, students will be exposed to print/visual texts and multimedia forms of expressions circulating in society. Previously EN 0352.

**ENGL 3072 All About Eve****3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, ENBR British Literature, E\_BF English Literature Before 1800, JST Judaic Studies Minor, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level English literature course.

This course surveys the literary and artistic representation of the legendary first woman of the Judeo-Christian tradition from Genesis to the present, with attention to both feminist and antifeminist traditions. The course centers on a reading of Milton's Paradise Lost. Other authors include Christine de Pizan, Aemilia Lanyer, Mary Wollstonecraft, Mark Twain, and Ursula Le Guin. In a final research paper, students locate and interpret depictions of Eve in contemporary popular culture. Non-English sources are read in English translation. Previously EN 0372.

**ENGL 3073 Literature for Young Adults****3 Credits**

**Attributes:** EDCG Educational Studies Cognate, E\_AF English Literature After 1800

**Prerequisite:** One 1000-level English literature course.

During the past two decades, adolescent literature has proliferated, grown more diverse, and improved in richness and quality. The course explores the major current authors, poets, and illustrators of works written for young adults. Topics include theories and purposes of reading literature in the classroom, criteria development for evaluating adolescent literature, reader response in the classroom, reading workshop, and adolescent literature integration across the curriculum. Previously EN 0373.



**ENGL 3074 The Woman Question: Early Feminism and 19th Century Transatlantic Literature** **3 Credits**

**Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, ENAM American Literature, ENBR British Literature, E\_AF English Literature After 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level English literature course.

This course will examine the issue properly known as the Woman Question through some of the major works of 19th-century literature. Because the philosophical and political debates concerning Woman's role preoccupied not only 19th-century America but also Victorian Britain, we will consider American and British discussions as part of a transatlantic conversation. The course begins with early Victorian literature, moving across the Atlantic to the 1840s and 50s, when a group of 'domestic feminists' became the most popular writers in the U.S. The course closes at the fin de siècle, when the conventions of sentimental fiction and 'True Womanhood' were being superseded by realism and naturalism, and when an explicitly anti-domestic image of womanhood began to be formulated around the figure of the 'New Woman.' Authors may include Brontë, Fuller, Elizabeth Barrett Browning, Stowe, Fern, Jacobs, Christina Rossetti, Taylor, Mill, Patmore, Linton, Dickinson, Alcott, James, Ibsen, Harper, Gilman, Chopin, Freeman, and Wharton. Previously EN 0374.

**ENGL 3075 Caribbean Women Writers** **3 Credits**

**Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, BSAH Black Studies: Arts and Humanities, BSCC Black Studies Component Course, EDDV Educational Studies Diversity, E\_AF English Literature After 1800, LCEL LACS Minor: Elective, WDIV World Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level English literature course.

This course offers a Pan-Caribbean study of women's writing, primarily contemporary fiction. Setting the novels in a context that begins in the Middle Passage or comparable forced migration to the Americas, we examine the interconnections between those traumatic experiences and the relations established and demanded by imperialism. Topics for discussion include spaces and languages of resistance; genealogies, family trees, roots; memory and exile; political activism and its consequences; labor and socioeconomic; the role of education in colonialism and in immigrant life; and challenges to conventional categories of identity. Authors may include Marshall, Hopkinson, Kincaid, Condé, Danticat, Santiago, Santos-Febres, Obejas, McWatt, Brand, Collins, Mootoo, Espinet, Lara, and John. Previously EN 0375.

**ENGL 3076 Global Women's Fiction** **3 Credits**

**Attributes:** BSCC Black Studies Component Course, E\_AF English Literature After 1800, WDIV World Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level English literature course.

This comparative study of fictional works by women begins with a discussion of issues raised in Virginia Woolf's *A Room of One's Own*, and focuses on writers from the early twentieth century to the present. Drawn from a wide range of world literatures and cultures, authors may include Aleramo, Djébar, al-Shaykh, Aidoo, Truong, Valenzuela, Menéndez, Roy, Dangarembga, Gordimer, Olsson, Rachlin, and Lispector. Topics include narrative techniques, women's relationship to the polis, women's participation in public culture and their artistic creativity, gender and sexuality, cross-class relations between women, and contemporary issues linked to globalization. Previously EN 0376.

**ENGL 3077 Urban Texts and Contexts: NYC** **3 Credits**

**Attributes:** ASEN American Studies: Literature, ASUP American Studies Upper Level, E\_AF English Literature After 1800, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level English literature course.

This course explores literary and visual evocations of the city from an interdisciplinary and theoretical perspective. In many ways, a city is as much a mental construct as a physical one, referred to as image, idea, myth, metaphor, vision, catalyst, and more. The course considers how such terms apply to representations of a metropolis, as well as how the city can be viewed as artifact or fiction. Drawing upon theories from geography, architecture, sociology, and urban studies, we examine the traditional dichotomy between city and country, the relationship between gender and sexuality and urban representation, and the ways that community is defined and envisioned in contemporary urban contexts. Previously EN 0377.

**ENGL 3078 People, Power, Politics: Postcolonial Adaptations** **3 Credits**

**Attributes:** E\_AF English Literature After 1800

**Prerequisite:** One 1000-level English literature course.

This is a hybrid course that examines the interconnections between literary and film mediums. Looking through a postcolonial lens, we will analyze both selected texts of literature (novels, autobiographies, nonfiction essays) and their corresponding film adaptations (documentaries, biopics, dramas). The theme of Postcolonial Identities and Global Transformations will be of focus alongside foundational theoretical essays to ground our critical orientation. Literary and cultural theorists include Stuart Hall, Audre Lorde, Frantz Fanon, Carol Boyce Davies, Édouard Glissant, Edward Said, and Gayatri Chakravorty Spivak.

**ENGL 3120 Creative Writing: Poetry II** **3 Credits**

**Prerequisite:** ENGL 1802.

In a workshop setting, the class discusses six assignments, writing about a painting or writing in a structured form such as a sestina or sonnet. In addition to looking at models that illustrate individual assignments, the class reads collections by six poets and discusses a book on traditional forms. Previously ENW 0302.

**ENGL 3140 World of Publishing** **3 Credits**

**Attributes:** ENDE Digital Journalism Elective

**Prerequisite:** ENGL 1001.

This course introduces students to the field of publishing, particularly book and magazine publishing. It provides students with a solid foundation in the publishing field (e.g., selecting and editing manuscripts, book/magazine production, and marketing) and offers students practical hands-on experience similar to that of an internship position at a magazine or publishing house. In addition to attending lectures and participating in discussion, students work on the University's literary magazine, *Dogwood*. Previously ENW 0340.

**ENGL 3150 Creative Writing: Fiction II** **3 Credits**

**Prerequisite:** ENGL 1805.

This advanced workshop further develops skills begun in ENGL 1805 by looking closely at the craft of fiction. Students produce a substantial body of quality work such as several full-length short stories or substantial revisions, a novella, or several chapters of a novel. In addition to reading selections from published fiction writers, students read and comment extensively on their peers' work. Previously ENW 0305.



<b>ENGL 3160 Creative Writing: Nonfiction II</b> <b>3 Credits</b> <b>Prerequisite:</b> ENGL 1806. This advanced workshop builds upon students' experience in creative nonfiction and allows students to practice the art of memoir in a workshop setting. Students will read in subgenres such as Adversity/Transformation, Family/Generational, Political/Social, and Spiritual Memoirs and comment extensively upon their peers' work while reading exemplary work in the genre. Previously ENW 0306.	<b>ENGL 3330 Big Data Storytelling</b> <b>3 Credits</b> <b>Prerequisite:</b> ENGL 1870. This intermediate course synthesizes cutting-edge big data technologies and traditional news writing and aims to produce compelling stories by mining the enormous public data provided by government and non-profit organizations. Other than overviewing the construct of big data, its origin, and social impact, the course offers hands-on training on using intuitive tools to produce engaging data-driven stories. Students will walk through the entire production process: data access, retrieval, cleaning, analysis, and visualization. Principles of information visualization and interface design will be applied throughout the course, accompanied by in-depth discussions on legal and ethical challenges facing big data story telling. Previously ENW 0321.
<b>ENGL 3201 Persuasive Writing</b> <b>3 Credits</b> <b>Attributes:</b> ENDE Digital Journalism Elective <b>Prerequisite:</b> ENGL 1001. This course sharpens students' skills in argument and encourages a clear, forceful prose style. Students practice writing skills in a variety of projects including resumes and cover letters, editorials, formal proposals, and public service announcements designed for video podcasts. Students will learn how to analyze an audience and use key features of persuasion such as concessions, disclaimers, rebuttals, and effective leads. The course examines the ethical responsibilities of a persuasive writer in business and civic life. Previously ENW 0338.	<b>ENGL 3340 Photojournalism</b> <b>3 Credits</b> <b>Attributes:</b> ENDE Digital Journalism Elective, ENPC Digital Journalism Production Component <b>Prerequisite:</b> ENGL 1870. Photography is derived from the Greek words for light and writing. Just as a journalist masters the art of words, a photographer masters the art of writing with light. A photographer tells a story with a single image, or multiple images, which impact the readers with a wide variety of human emotions. This course is about reporting with a camera, the visual aspect of journalism. Some technical aspects will be covered, but the majority will be hands-on assignments that are typical of newspapers, magazines, and web sites. There is substantial reading on photojournalism, plus a variety of writing assignments. Previously ENW 0323.
<b>ENGL 3236 Issues in Professional Writing</b> <b>3 Credits</b> <b>Attributes:</b> ENDE Digital Journalism Elective, ENPC Digital Journalism Production Component <b>Prerequisite:</b> ENGL 1001. This course investigates a variety of issues relevant to contemporary professional writing. In addition to surveying theoretical positions in the discipline, the course emphasizes preparing effective written products for academic and professional settings. In-class writing activities, workshops, and lengthier projects prepare students to think critically in this dynamic and ever-changing profession while familiarizing them with the writing styles, organizations, and formats of various documents. Topics include writing for public relations, multimedia writing, and technical and professional editing. This course is suitable for advanced undergraduate students preparing for writing-intensive careers or graduate school. Students may take this course twice under different topics. Previously ENW 0336.	<b>ENGL 3350 Issues in News Writing</b> <b>3 Credits</b> <b>Attributes:</b> ENDE Digital Journalism Elective <b>Prerequisite:</b> ENGL 1870. This intermediate course will focus on a different dimension of news writing each semester. Guest speakers will help students develop an ethical decision-making approach to journalism and deepen their understanding of the role of the press as a government watchdog. Students may take this course twice under different topics. Previously ENW 0329.
<b>ENGL 3237 Multimedia Writing</b> <b>3 Credits</b> <b>Attributes:</b> ENPC Digital Journalism Production Component <b>Prerequisite:</b> ENGL 1001. The purpose of this class is to encourage students to question how rhetoric functions in and through multimodal texts. Specifically, our goal throughout this course is to answer the question: what makes for an effective multimodal text? We will examine how meaning is construed through the use of images, sounds, arrangements, colors, shapes, sizes, movement, and fonts. We will analyze the ways rhetors construct multimodal texts, and we will also create our own multimodal texts. Together we will learn to use Photoshop, iMovie, Dreamweaver, CSS, and HTML in order to create rhetorically savvy multimodal texts. Previously ENW 0337.	<b>ENGL 3360 Literary Journalism</b> <b>3 Credits</b> <b>Attributes:</b> ENDE Digital Journalism Elective <b>Prerequisite:</b> ENGL 1870. This course focuses on the use of story-telling techniques in writing creative nonfiction. Students learn how to make factual articles come alive by incorporating techniques such as narrative, dialogue, scene-setting, pacing, conflict and resolution. The course emphasizes interviewing and advanced research techniques used in writing these creative nonfiction articles for newspapers, magazines, books, and online sources. There will be substantial reading and analysis of classics in the literary journalism field. Previously ENW 0330.
<b>ENGL 3320 Writing the Feature Story</b> <b>3 Credits</b> <b>Attributes:</b> ENDE Digital Journalism Elective <b>Prerequisite:</b> ENGL 1870. Students learn how to generate and develop feature story ideas, including human-interest stories, backgrounders, trend stories, personality profiles and other softer news approaches for use by newspapers, magazines, and web sites. The course stresses story-telling techniques and use of alternative leads. Interviewing, web research and rewriting techniques are stressed. Previously ENW 0320.	<b>ENGL 3370 Sports Journalism</b> <b>3 Credits</b> <b>Attributes:</b> ENDE Digital Journalism Elective This course instructs students in the skills necessary to be a member of the ever-growing field of sports media, while simultaneously examining how early 1900s sports writing grabbed a foothold in the American public's consciousness and eventually paved the path to today's Golden Age of sports journalism. Students will learn to cover a wide variety of sports, and will report and write everything from game stories to opinion pieces to in-depth, multimedia feature stories focused on the sporting world. Previously ENW 0342.

**ENGL 4150 Advanced Portfolio Workshop****3 Credits****Prerequisite:** ENGL 3120 or ENGL 3150 or ENGL 3160.

This is a capstone course for Creative Writing concentrators who want to work on longer creative projects (novel, memoir, collection of short stories, essays, or poems; or some combination thereof). The course will be run as a workshop class, with students submitting creative work in one (or more) of the three genres, to be read and critiqued by the faculty member and students. Students can expect to submit a minimum of 50 pages of prose or 30 pages of poetry or some equivalent of the two. Students will also be required give a final public reading of their work during the semester. Previously ENW 0399.

**ENGL 4900 Special Topics (Shell)****3 Credits****Prerequisite:** ENGL 1001.

This course is an umbrella under which a variety of courses can be taken on an experimental or temporary basis, exploring different writing styles and approaches. Previously ENW 0350.

**ENGL 4951 Journalism Practicum****3 Credits****Attributes:** ENCP Digital Journalism Capstone Course, ENDE Digital Journalism Elective

**Prerequisites:** ENGL 1870, junior standing, one semester on Mirror. Students apply the material learned in class by working as a reporter, photographer or editor with the campus newspaper, The Mirror. The course is designed for Mirror editors or students with equivalent experience. Previously ENW 0397.

**ENGL 4952 Publishing Practicum****3 Credits****Attributes:** ENDE Digital Journalism Elective**Prerequisite:** Junior standing.

Students apply material learned in ENGL 3140 as they serve in a senior editorial role as a Managing Editor in the preparation of the University's national literary magazine, Dogwood. Enrollment by permission only. Previously ENW 0398.

**ENGL 4960 Independent Writing Project****3 Credits****Attributes:** ENCP Digital Journalism Capstone Course**Prerequisite:** ENGL 1001.

Students undertake individual tutorials in writing and can obtain credit for writing for The Mirror, The Sound, or for other projects of personal interest. Only one independent writing project can be counted toward fulfilling the five field electives required to complete an English major. The department will consider exceptions only if multiple Independent Writing Project courses cover different subject areas and approval in advance is obtained. Enrollment by permission only. Previously ENW 0347-0348.

**ENGL 4980 Internship****1-3 Credits****Attributes:** ENCP Digital Journalism Capstone Course**Prerequisite:** ENGL 1001.

The internship program allows students to gain on-site experience in the fields of journalism, publishing, and public relations through supervised work for local newspapers, magazines, publishers, and news agencies. These positions are available upon recommendation of the department intern supervisor, under whose guidance the students assume the jobs, which require 10 to 15 hours a week. Students may take one internship for credit toward the English major. Students may take a second internship for elective credit. The internship workshop is held in the evening, once a month. Enrollment by permission only. Previously ENW 0345-0346.

**ENGL 4990 Independent Study****1-4 Credits****ENGL 4999 Literature Capstone****3 Credits****Prerequisites:** One 3000-level literature course; ENGL 3051 or ENGL 3052; junior standing.

The capstone seminar course provides Literature Concentration students with a cohort experience in which they integrate their literature coursework and produce a substantive research project. The capstone course functions as a seminar in which the students begin the semester with shared readings and discussion on a theme chosen by the instructor, including theory and research methodology. Students are encouraged to consider presenting their research in either traditional or digital format. Previously EN 0390.

## Faculty

### Professors

Bayers  
Boquet  
Bowen  
Davis  
Epstein, *chair*  
Huber  
O'Driscoll  
Orlando  
Pearson  
Petrino

### Associate Professors

Garvey  
Gunter  
Kelley  
Xie

### Assistant Professors

Desgranges (Visiting)  
Klay (Visiting)  
Perez  
Tullis

### Assistant Professors of the Practice

Andrews  
Brigette  
DiBiase, C.  
Laughlin  
Wilgar  
Zamin

### Lecturers

Bellas  
Bodach  
Breunig  
Burlinson  
Chesbro  
Cordell  
DeStefano  
Dimyan  
Ferrara  
Ferree  
Hilts

Hoover  
 Hosten  
 Jourdan  
 Legere  
 Linder  
 Louis  
 Madden  
 Moliterno  
 Ostrow  
 Otfinoski  
 Pichlikova-Burke  
 Rose  
 Rinaldi, J.  
 Scruton  
 Sobocinski  
 Sweeney  
 Whitaker  
 White

## Professors Emeriti

Gannett  
 Menagh  
 Rajan  
 Regan, M.  
 Regan, R.  
 Rinaldi, N.

## Digital Journalism Major

The Bachelor of Arts degree in Digital Journalism in the English department is a rigorous, 12-course program designed to provide students with the knowledge, skills, and experience needed to understand and take part in today's quickly changing, digital journalism world. The major includes a large focus on ethics, consistent with Fairfield's mission, and a multidisciplinary approach that will draw on courses offered by other departments. It is inspired by the *eloquentia perfecta* approach to which the English Department aspires, consistent with Jesuit ideals.

The Digital Journalism major, alone or in combination with other majors and minors, will prepare students for professional careers in print and online journalism, broadcast journalism, technical writing, online writing, public relations, social media, marketing, law, and other fields. Students taking coursework in this major will build proficiency in media literacy and develop the ability to navigate the digital media spheres in their roles as civic leaders.

By completing a major in Digital Journalism, students will be able to:

- Demonstrate their ability to collect information and report on stories of public interest, using a conventional print format, social media tools like Twitter, and multimedia platform like WordPress.
- Demonstrate their ability to synthesize information from varied sources, including research, interviews, eyewitness accounts; analyze its veracity and usefulness; and build it into stories to help their audience understand an issue.
- Describe and debate the varied and sometimes conflicting roles of the press (to inform and amuse, educate and titillate, give readers what they want and what they need).
- Explain the privileges given to U.S. journalists through the First Amendment and the limitations – legal, ethical, and from professional standards – that guide and influence their work.
- Describe how the knowledge, attitudes, skills, and experience they develop in the program can be used in non-journalism settings such as law, public relations and marketing, and a variety of writing careers.
- Demonstrate their ability to write and communicate clearly across multiple platforms.

Students may start the Digital Journalism sequence as early as their freshman year. Students are also encouraged to gain experience from various campus media outlets such as the *Mirror*, WVOF, or Stag TV.

## Requirements

For a 36-credit major in Digital Journalism, students complete the following:

Code	Title	Credits
<b>Core Courses</b>		
ENGL 1870	News Writing	3
ENGL 2370	News Writing II: Digital Design	3
ENGL 3330	Big Data Storytelling	3
Select three literature courses: <sup>1</sup>		9
Select one 1000-level English literature course		
Select one 2000-level English literature course		
Select one 3000-level English literature course		
<b>Production Component Courses</b>		
Select two courses from the following: <sup>2</sup>		6
COMM 1108	Sports Broadcasting and Remote Television Production	
CPSC 1101	Introduction to Computing	
CPSC 1131	Fundamentals of Programming	
ENGL 3340	Photojournalism	
ENGL 3236	Issues in Professional Writing	
FTMA 1011	Introduction to Film and Video Production	
FTMA 2231	Documentary Film Production	
FTMA 2232	Studio and Field Television Production	
<b>Ethics Component Course</b>		
AETH 2281	Ethics of Communications	3
<b>Tier 1: Digital Journalism Creation</b>		
Select at least one of the following: <sup>3</sup>		3-6
ENGL 1872	Introduction to Sports Writing	
ENGL 2382	The Power of Podcasting	
ENGL 3160	Creative Writing: Nonfiction II	
ENGL 3237	Multimedia Writing	
ENGL 3320	Writing the Feature Story	
ENGL 3350	Issues in News Writing	
ENGL 3360	Literary Journalism	
ENGL 4951	Journalism Practicum	
<b>Tier II: Media Theory</b>		
Select up to one of the following: <sup>4</sup>		0-3
COMM 2231	Media Institutions	
COMM 4330	Misinformation in Digital Media	
COMM 3331	American Media / American History	
COMM 3334	Comparative Media Systems	

COMM 3335	Globalization, Media, and Culture	
COMM 4336	Social Media	
<b>Capstone Course</b>		
Select one course from the following: <sup>5</sup>		3
ENGL 4960	Independent Writing Project	
ENGL 4980	Internship	
ENGL 4951	Journalism Practicum	
Total Credits		36

- <sup>1</sup> Literature courses should be chosen in consultation with your advisor, with an eye toward those more relevant to the broad field of journalism.
- <sup>2</sup> Students may substitute production courses with approval of the faculty advisor.
- <sup>3</sup> Other courses in Film, Television, and Media Arts; Communication; or Public Relations may also be used if approved by a faculty advisor.
- <sup>4</sup> COMM 1130 Mass Media and Society is a prerequisite for all Tier II courses.
- <sup>5</sup> Students may only use one internship and/or one Journalism Practicum course toward completion of the major or minor. Students may take a second internship and/or a second Journalism Practicum as a free elective toward graduation, but it does not count toward the major or minor.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Digital Journalism Minor

For a 15-credit minor in Digital Journalism, students complete the following:

Code	Title	Credits
ENGL 1870	News Writing	3
ENGL 2370	News Writing II: Digital Design	3

### Tier I: Digital Journalism Creation

Select at least one course from the following: <sup>1</sup>		3-6
ENGL 1872	Introduction to Sports Writing	
ENGL 2382	The Power of Podcasting	
ENGL 3160	Creative Writing: Nonfiction II	
ENGL 3237	Multimedia Writing	
ENGL 3320	Writing the Feature Story	
ENGL 3350	Issues in News Writing	
ENGL 3360	Literary Journalism	
ENGL 4951	Journalism Practicum	

### Tier II: Media Theory

Select up to one course from the following: <sup>2</sup>		0-3
COMM 2231	Media Institutions	
COMM 3331	American Media / American History	
COMM 3334	Comparative Media Systems	
COMM 3335	Globalization, Media, and Culture	
COMM 4330	Misinformation in Digital Media	
COMM 4336	Social Media	

### Capstone Course

Select one course from the following: <sup>3</sup>		3
ENGL 4960	Independent Writing Project	
ENGL 4980	Internship	
ENGL 4951	Journalism Practicum	
Total Credits		15

- <sup>1</sup> Students may substitute other courses in Film, Television, and Media Arts; Communication; or Public Relations if approved by a faculty advisor.
- <sup>2</sup> COMM 1130 Mass Media and Society is a prerequisite for all Tier II courses.
- <sup>3</sup> Students may only use one internship and/or one Journalism Practicum course toward completion of the minor. Students may take a second internship and/or a second Journalism Practicum as a free elective toward graduation, but it does not count toward the minor.

## English Major

### Requirements

For a 30-credit major in English, students complete the following:

Code	Title	Credits
Select five courses in English literature, including:		15
No more than one 1000-level literature course		
At least one 3000-level literature course		
At least two courses on literature before 1800 <sup>1</sup>		
At least one course on literature after 1800 <sup>1</sup>		
Select an English Concentration from the list below		15
Total Credits		30

- <sup>1</sup> The historical period of a course is listed in the catalog using the attributes **E\_BF** (before 1800) and **E\_AF** (after 1800).

There are many different ways to pursue an English major, based on students' interests and career goals.

1. All students entering Fairfield University in Fall 2019 or later must complete ENGL 1001. All of the English major requirements are in addition to ENGL 1001.
2. All English majors must complete the department core curriculum of five English literature classes. The five English literature courses may include the 1000-level literature course required by the core curriculum.
3. All English majors must complete a concentration of five additional courses. Students select the concentration in consultation with their department academic advisor.

After completing ENGL 1001, most majors begin the program by taking a 1000-level literature class that also counts as their final English core course. With instructor permission, they may take a 2000-level literature course instead of the 1000-level.

## Concentrations

All English majors must select one of the Department's five concentrations. The coursework is in addition to the university core and department core courses. The concentrations are:

- Literature (p. 127)
- Creative Writing (p. 127)
- English Studies (p. 127)
- Professional Writing (p. 127)
- Teacher Education (p. 128)

All concentrations include at least one English Writing course (not including Internship or Independent Study) and a capstone experience. Students are allowed to complete more than one concentration; the second concentration will be listed as an academic minor on a student's transcript for graduation.

### Concentration in Literature

The Literature concentration is designed for students interested in a challenging and stimulating study of literature and culture. It offers a rich reading experience in important and influential works of literature as well as a study of theoretical and interdisciplinary approaches that move beyond national and canonical boundaries. Students learn to interpret texts within the socio-historical contexts of their production and reception. They will therefore acquire knowledge in a number of theoretical frameworks (e.g., historical materialism, post structuralism, feminist theory, postcolonial studies, queer studies, race and ethnic studies, and critical theory). Students completing the concentration are able to offer a historically grounded and rigorous critique of global formations that structure literature, culture, and the self. The concentration prepares students for a variety of careers as well as for graduate or professional school.

Code	Title	Credits
Introductory Courses		
ENGL 3051	Literary Theory	3
or ENGL 3052	Cultural Studies Theory	
Specialized Courses		
Select one English Literature course at the 2000 or 3000 level		3
Select one English Writing course		3
Select one English literature course cross-listed with an Interdisciplinary Program <sup>1</sup>		3
Capstone Experience		
ENGL 4999	Literature Capstone	3
Total Credits		15

<sup>1</sup> This includes the Program on the Environment, Peace and Justice Studies, Latin American and Caribbean Studies, Women, Gender, and Sexuality Studies, etc.

### Concentration in Creative Writing

The Creative Writing concentration seeks to develop writers in various genres, including poetry, fiction, creative nonfiction and drama, as well as writers who wish to express themselves in more than one genre. The concentration is both rigorous and flexible to student needs, by offering a wide variety of classes in various genres and at various levels, and by allowing students to follow their own interests. In addition to preparing students to write creatively, the Concentration also prepares students to go into the field of publishing and editing by offering a sequence of

publishing classes. In conjunction with publishing, students may elect to work on our national literary magazine, *Dogwood*.

Code	Title	Credits
Introductory Courses		
Select two courses from the following:		6
ENGL 1801	Creative Writing	
ENGL 1802	Creative Writing: Poetry I	
ENGL 1804	Creative Writing: Drama	
ENGL 1805	Creative Writing: Fiction I	
ENGL 1806	Creative Writing: Nonfiction I	
Intermediate Courses		
Select at least one course from the following:		3
ENGL 3120	Creative Writing: Poetry II	
ENGL 3150	Creative Writing: Fiction II	
ENGL 3160	Creative Writing: Nonfiction II	
Specialized Courses		
Select at least one course from the following: <sup>2</sup>		3
ENGL 2170	Themes in Creative Writing	
ENGL 3140	World of Publishing	
ENGL 4900	Special Topics (Shell)	
Capstone Experience		
Select at least one course from the following:		3
ENGL 4960	Independent Writing Project	
ENGL 4980	Internship	
ENGL 4150	Advanced Portfolio Workshop	
Total Credits		15

<sup>2</sup> Students may substitute another English Writing course with permission of the Coordinator of Creative Writing.

### Concentration in English Studies

The concentration in English Studies provides students with special interests the opportunity to create a customized program of studies across literary genres, various writing concentrations and literacy studies in consultation with their adviser. Students might put together a coherent package of literature courses of their own choosing, mix and match writing courses in different concentrations, or combine relevant literature and writing course work. All department core requirements must still be met; at least one course must be in writing (other than Internship or Independent Study).

Code	Title	Credits
Select four courses in consultation with the concentration advisor		12
Select at least one course from the following:		3
ENGL 4960	Independent Writing Project	
ENGL 4980	Internship	
ENGL 4990	Independent Study	
ENGL 4999	Literature Capstone	
Total Credits		15

### Concentration in Professional Writing

The professional writing concentration is designed for students who want to strengthen their writing and speaking skills as preparation for careers in business, the non-profit sector, legal studies, government, public



relations, fundraising, politics, or education. Courses in this concentration focus on using writing and communication to make information accessible, usable, and relevant to a variety of audiences. Students develop advanced writing/composing skills using a wide variety of media, for a wide variety of disciplines and digital environments. Internships are available to students in the professional writing concentration, including placements in corporate communication, grant writing, advertising, marketing, technical writing, and the mass media.

Code	Title	Credits
<b>Introductory Course</b>		
ENGL 1832	Business Writing	3
<b>Specialized Courses</b>		
Select at least two of the following:		6
ENGL 1835	Technical Writing	
ENGL 1839	Grant and Proposal Writing	
ENGL 1850	Professional Presentations: Writing and Delivery	
ENGL 2230	Teaching and Learning Grammar	
ENGL 2380	Journalism Editing and Design	
ENGL 3201	Persuasive Writing	
ENGL 3236	Issues in Professional Writing	
<b>Capstone Experience</b>		
ENGL 4980	Internship	3
<b>Elective</b>		
Select one additional English Writing course		3
Total Credits		15

Concentration in Teacher Education

This concentration is designed both for students who plan to enroll in the 5-Year BA/MA program in teacher education at Fairfield University and for students who seek other teaching positions, such as a Fulbright English Teaching Assistant or a Teach for America Fellow. It prepares students with content knowledge needed for the Praxis exam, student teaching, and a career in teaching. Qualified students who minor or major in the Teacher Education concentration in the English Department are given preferred admission status in graduate programs in Elementary Education and Secondary Education in the Graduate School of Education and Allied Professions.

Code	Title	Credits
ENGL 1410	Imagining Shakespeare	3
or ENGL 2013	Shakespeare I	
or ENGL 2014	Shakespeare II	
ENGL 2220	Teaching and Writing	3
ENGL 2230	Teaching and Learning Grammar	3
Select one 2000- or 3000-level course in American literature		3
Select one 2000- or 3000-level course in British literature		3
Total Credits		15

Recommended Courses

Code	Title	Credits
Students are encouraged to select one or more of the following:		
One course on African American literature (e.g. ENGL 2062, ENGL 2063, ENGL 2064)		
One course on Latinx literature (e.g. ENGL 2082)		

One course on world literature (e.g. ENGL 1020, ENGL 1110, ENGL 1130, ENGL 1140, ENGL 3075)	
ENGL 1720	Literacy and Language
ENGL 2092	Contemporary Children's Literature
ENGL 2290	Writing and Responding

Capstone

Students who enroll in the five-year BA/MA program take their capstone course as student teaching at the end of the MA program. Students who do not enroll in the five-year program take at least one of the following: ENGL 4980 or ENGL 4990.

Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

English Minor

For a 15-credit minor in English, students complete the following:

Code	Title	Credits
Select five English courses beyond ENGL 1001 <sup>1</sup>		15
Total Credits		15

<sup>1</sup> Only one 1000-level English course may count toward the minor.

**Note:** Students may choose to complete any concentration as a minor in English.

Environmental Studies

The Environmental Studies program offers a vibrant and balanced program that prepares students for sustainability-related careers and leadership positions in local, national and international policy, science, law, business, non-profit organizations, consulting, and other fields – as well as excellent preparation for many different graduate and professional degree programs. Understanding the natural environment, human impacts on environmental systems, and human perspectives on these relationships is more important than ever. The environmental studies program takes an interdisciplinary approach to exploring these issues which combines cutting edge coursework in the natural sciences, policy, economics, and the humanities; an emphasis on critical thinking and problem solving skills; and plentiful opportunities for in-depth investigative research, internships, skill-development, and applied experiential activities.

Students completing the major in Environmental Studies will be able to:

- Identify and describe fundamental physical, chemical and biological processes impacting environmental issues.
- Identify and describe fundamental concepts from the social sciences and humanities impacting environmental thought and policy.
- Analyze environmental issues using tools appropriate to the natural sciences, social sciences, and humanities.
- Communicate effectively about complex environmental issues for expert and general audiences.
- Critically evaluate the ramifications of human interaction with the environment from a scientific, social, and economic perspective.

- Formulate and revise solutions as part of an interdisciplinary team that may contain multiple stakeholders with divergent goals.

## Programs

- Environmental Studies Major (p. 129)
- Environmental Studies Minor (p. 130)

## Courses

### EVST 2005 Campus Sustainability

3 Credits

**Attributes:** EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, EVSS Environmental Studies: Social Science, MSID Magis Core: Interdisciplinary  
Sustainability has become a nearly unassailable catchphrase for the 21st century. But what does it really mean? Not in a book but in practice? This course uses the Fairfield University campus and the expanding literature on best practices to explore key sustainability issues facing colleges, corporations, small towns, cities, and private citizens. The class will include off-campus site visits, guest speakers, and free ranging discussions of cutting edge readings. Students will also conduct semester-long individual or group interdisciplinary projects that analyze specific sustainability issues. Previously EV 0303.

### EVST 2900 Special Topics (Shell)

3 Credits

### EVST 3980 Internship

1-3 Credits

**Attributes:** EVPE Environmental Studies Elective  
**Prerequisites:** Completion of three environmental studies courses.  
Environmental studies minors gain firsthand experience working off campus in fields related to environment science, policy, economics, education, and other issues. Typically, an internship requires 8 to 12 hours per week on site and a journal or summary report for credit. An on-site supervisor and an environmental studies professor evaluate student work. Students must have a GPA of 3.0 or higher. Enrollment by permission only. Previously EV 0298.

### EVST 3990 Independent Study

1-3 Credits

**Attributes:** EVPE Environmental Studies Elective  
**Prerequisites:** Three environmental studies program courses; junior or senior standing.

A student may conduct a one-semester independent study on a defined research topic or field of study under the supervision of a professor in the Environmental Studies Program. Credit requires prior approval by the Professor with whom the student will work as well as the Director of the Environmental Studies Program. Students must have a GPA of 3.0 or higher. Enrollment by permission only. Previously EV 0299.

### EVST 4001 Environment Workshop

3 Credits

**Attributes:** EVCA Environmental Studies: Capstone, EVPE Environmental Studies Elective

**Prerequisite:** Junior standing.

This course is a capstone course for students in the Environmental Studies program but is also open to all juniors and seniors. It centers on a semester-long interdisciplinary project that examines a particular environment-related issue and proposes practical solutions. Previously EV 0301.

## Faculty

### Steering Committee

Bayers (English)  
Biardi (Biology)  
Counsell (Biology)  
Downie (Politics)  
Kelley (English)  
Klug (Biology)  
Lacy (Sociology and Anthropology)  
McEvoy (Management)  
Nazarian (Biology)  
Osier (Biology)  
Petrino (English)  
Steffen (Chemistry), *Director*  
Svoboda (Philosophy)  
Walker (Biology)

### Additional Faculty

Gerry (Biology)  
Etemad (Mechanical Engineering)  
Strauss (Business Law)  
Vasquez-Mazariegos (Economics)  
Winn (Physics)

## Environmental Studies Major

The Environmental Studies curriculum robust and interdisciplinary. Majors complete foundation courses in the natural sciences humanities and social sciences, a professional skill acquisition course, three electives, and a capstone.

To ensure additional disciplinary depth, all Environmental Studies majors also fulfill the requirements for a complementary major or minor in another department or interdisciplinary program. Popular choices include Biology, Business, Chemistry, Communications, Economics, English, International Studies, Finance, Marketing, Politics, Public Administration, Sociology, Anthropology, and several regional studies programs. Students may double-count Environmental Studies courses toward these majors and minors as well as University core curriculum requirements.

Students who study abroad can work with the Program Director and their advisor to match courses taken overseas with Environmental Studies and core curriculum requirements. The Program also works with students to identify and prepare for internships in local and state government, non-governmental organizations, businesses, scientific organizations, law firms, media, and other locations. Students also have opportunities to take conduct research and do internships in locations around the world through Fairfield's study abroad programs.

## Requirements

Code	Title	Credits
<b>Natural Science Foundations</b>		
BIOL 1074	Biology of Food <sup>1</sup>	3
BIOL/CHEM 1076	Environmental Science	3
CHEM 1085	Chemistry, Energy, and the Environment <sup>2</sup>	3
Select one Natural Science elective from the following:		3

BIOL 1075	Ecology and Society	
BIOL 1078	Introduction to Marine Science	
BIOL 2218	Vertebrate Zoology	
BIOL 2260	Ecology	
BIOL 3319	Zoology Field Experience	
BIOL 3364	Freshwater Ecology	
BIOL 3366	Ornithology	
BIOL 3372	Environmental Toxicology	
CHEM 2282	Chemical Analysis	
CHEM 3326	Chemical Instrumentation	
MEEG 2207	Materials Science	
PHYS 1090	Physics of the Atmosphere, Ocean, and Climate	
PHYS 1093	Energy and Environment	
PHYS 2265	Introduction to Geophysical Fluid Dynamics	

**Social Science and Humanities Foundations**

AETH 2284	Environmental Ethics	3
ECON 2120	Introduction to Environmental Economics	3

Select one Environmental Policy and Law course from the following: 3

BUSN 3220	Environmental Law and Policy	
POLI 2112	United States Environmental Politics and Policy	
POLI 2474	International Environmental Policies	

Select one Social Science and Humanities elective from the following: 3

AETH 2283	Environmental Justice	
BUSN 3220	Environmental Law and Policy	
ECON 3225	Applied Environmental Economics	
ENGL 1210	American Literature and the Environment	
ENGL 1430	The Greenworld: English Literature and the Environment	
POLI 2112	United States Environmental Politics and Policy	
POLI 2474	International Environmental Policies	
POLI 2475	Climate Change: International Policy and Politics	
POLI 4304	Seminar on Global Environmental Politics	

**Environmental Studies Electives**

Select three additional courses from the list of Natural Science or Social Science and Humanities electives above or the courses below. 9

EVST 3980	Internship	
EVST 3990	Independent Study	
EVST 2900	Special Topics (Shell)	
EVST 2005	Campus Sustainability	

**Applied Professional Skills**

Select one course from a group that includes courses in proposal and grant writing, leadership, management, negotiation, risk communication, statistical analysis, modeling, and research methods. 3

**Capstone**

EVST 4001	Environment Workshop <sup>3</sup>	3
Total Credits		39

<sup>1</sup> Alternatives are available for Biology majors/minors.

<sup>2</sup> Alternatives are available for Chemistry majors/minors.

<sup>3</sup> In rare cases, and with the prior written permission from the Director, students may fulfill the capstone requirement with EVST 3980 Internship or EVST 3990 Independent Study.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

A number of courses that fulfill requirements in the Environmental Studies program also fulfill requirements in the Magis Core.

## Environmental Studies Minor

For an 18-credit minor in environmental studies, students complete the following:

Code	Title	Credits
<b>Natural Sciences</b>		
Select one of the following:		3
BIOL 1074	Biology of Food	
BIOL 1076	Environmental Science	
CHEM 1085	Chemistry, Energy, and the Environment	
<b>Social Sciences</b>		
Select one of the following:		3
BUSN 3220	Environmental Law and Policy	
ECON 2120	Introduction to Environmental Economics	
POLI 2474	International Environmental Policies	
<b>Humanities</b>		
Select one of the following:		3
AETH 2284	Environmental Ethics	
ENGL 1210	American Literature and the Environment	
ENGL 1430	The Greenworld: English Literature and the Environment	
<b>Environmental Studies Elective Courses</b>		
Select two elective courses not already used to satisfy another requirement		6
<b>Capstone Course</b>		
EVST 4001	Environment Workshop <sup>1</sup>	3
Total Credits		18

<sup>1</sup> In rare cases, and with the prior written permission from the Director, students may fulfill the capstone requirement with EVST 3980 Internship or EVST 3990 Independent Study.

## Environmental Studies Electives

Code	Title	Credits
AETH 2283	Environmental Justice	3
AETH 2284	Environmental Ethics	3
BIOL 1074	Biology of Food	3

BIOL 1075	Ecology and Society	3
BIOL 1076	Environmental Science	3
BIOL 1078	Introduction to Marine Science	3
BIOL 2218	Vertebrate Zoology	3
BIOL 2260	Ecology	4
BIOL 3319	Zoology Field Experience	3
BIOL 3364	Freshwater Ecology	4
BIOL 3366	Ornithology	4
BIOL 3372	Environmental Toxicology	4
BUSN 3220	Environmental Law and Policy	3
ECON 2120	Introduction to Environmental Economics	3
CHEM 1085	Chemistry, Energy, and the Environment	3
CHEM 2282	Chemical Analysis	3
CHEM 3326	Chemical Instrumentation	3
ECON 3225	Applied Environmental Economics	3
ENGL 1210	American Literature and the Environment	3
ENGL 1430	The Greenworld: English Literature and the Environment	3
EVST 3980	Internship	1-3
EVST 3990	Independent Study	1-3
EVST 2900	Special Topics (Shell)	3
EVST 2005	Campus Sustainability	3
MEEG 2207	Materials Science	3
POLI 2112	United States Environmental Politics and Policy	3
POLI 2474	International Environmental Policies	3
POLI 2475	Climate Change: International Policy and Politics	3
POLI 4304	Seminar on Global Environmental Politics	3
PHYS 1090	Physics of the Atmosphere, Ocean, and Climate	3
PHYS 1093	Energy and Environment	3
PHYS 2265	Introduction to Geophysical Fluid Dynamics	3

## Health Studies

The minor in health studies will provide students with the opportunity to learn more about the complex issues related to the current and future environment of contemporary health care. This minor is appropriate for:

1. Any university student who seeks to learn more about health care and health care delivery as a current/future consumer.
2. Pre-health students who will become future health professionals and must have a broad and more integrative background for the increasingly interdisciplinary nature of the field.
3. Non pre-health students who can become more educated about healthcare and, thus, become more competitive and better prepared to enter one of the countless professional fields that connect to the environment of contemporary health care.
4. Empowered health consumers and advocates for family and friends in future health care interactions.

This minor is not recommended for nursing students who already have a curriculum steeped in content on healthcare and healthcare delivery.

## Programs

- Health Studies Minor (p. 132)

## Courses

### HLST 1101 Introduction to Health Studies 3 Credits

This course takes an interdisciplinary approach to the evolution of healthcare in America. The course will apply a social science lens to the assessment of various healthcare co-cultures, including: providers, patients, and insurers. The impact of technology, pharmaceuticals, and medical devices on patient longevity, wellness, and disease management will be explored. In addition, the dialectical tensions created by acute care/disease-focused vs. quality-of-life/wellness-centric healthcare delivery models will be examined. The evolving economic burdens of: an aging population, uninsured Americans, expanding technology, provider specialization, and fewer healthcare gatekeepers on the US healthcare system will also be assessed. This course is open to health studies minors and public health majors only. Nursing majors may not take this course. Previously HS 0101.

### HLST 3201 Health Communication for Healthcare Professionals 3 Credits

**Attributes:** HSSS Health Studies: Social Science

**Prerequisite:** Junior standing.

This course will examine the processes and complexities of health communication with an applied focus. The primary purpose of this course is to provide an understanding of the methods and symbols used to communicate information about health. The course will evaluate and explore the multidimensional processes used to create, maintain, and transform complex scientific realities into everyday healthcare information for providers, patients, families, etc. In addition, students are required to do 20 hours of service learning at the VA Hospital in West Haven, CT. Open only to Nursing majors and Health Studies minors. Previously HS 0200.

### HLST 3900 Special Topics (Shell) 3 Credits

This course will focus on a topic relevant to a specific area within the broad field of health-related content. This is intended as an initial one-time offering, after which, should the course be determined as desired to be offered on a regular basis, will be given a permanent number in the Health Studies program (or other department as deemed appropriate). As the content of a special topics course will vary with time and related to current important content, students may take the class more than once during their tenure at Fairfield University.

### HLST 4999 Health Studies Capstone 3 Credits

**Prerequisites:** HLST 1101; completion of at least two health studies electives.

This capstone allows the student to integrate and reflect on the wealth of information learned in HLST 1101 and the three elective courses in the minor. Students will undertake an independent research project in some area of Health Studies, and through discussions with the professor and other students, dissect and analyze their theme from a broad range of perspectives. The project will culminate with both a written paper, and an oral or poster presentation at the annual Health Studies symposium in the spring. Enrollment by permission only. Previously HS 0399.

Faculty

Director

Walker (Biology)

Steering Committee

- Aksan (Economics)
- Church (Biology)
- Davidson (Religious Studies)
- Kelley (College of Arts and Sciences)
- O'Shea (Nursing)
- Pagano (Communication)
- Phelan (Biology)

Health Studies Minor

For a 15-credit minor in Health Studies, students complete the following:

Code	Title	Credits
HLST 1101	Introduction to Health Studies	3
HLST 4999	Health Studies Capstone	3
Science and Technology of Healthcare Electives		
Select one of the following:		3
ANTH 1210	Biomedical Anthropology	
BIEG 3301	Biomedical Instrumentation	
BIEG 4332	Biomedical Imaging	
BIOL 1018	Human Biology: Form and Function	
BIOL 1073	Contemporary Nutrition: Food for Thought	
BIOL 1088	Biomedical Science and Society	
BIOL 1107	Human Anatomy and Physiology I	
BIOL 1108	Human Anatomy and Physiology II	
BIOL 1171	General Biology I	
BIOL 1172	General Biology II	
BIOL 2251	Human Nutrition	
CHEM 1033	Chemistry of Nutrition	
CHEM 1184	General Chemistry for Health Science	
CHEM 1172	General Chemistry II	
PSYC 2360	Human Neuropsychology	
PUBH 2217	Biostatistics for Health Research	
Social Science of Healthcare Electives		
Select one of the following:		3
COMM 2242	Alcohol, Addiction, and Culture	
COMM 3248	Health Communication	
COMM 3347	Communication in Healthcare Organizations	
COMM 4326	Palliative Care Communication in the United States and Ireland	
COMM 4341	End of Life Communication	
COMM 4343	Ethics and Medical Marketing Communication	
ECON 2140	Health Economics	
HLST 3201	Health Communication for Healthcare Professionals	
PSYC 1310	Abnormal Psychology for Non-Majors	

or PSYC 2310 Abnormal Psychology for Majors	
PSYC 2370	Community Mental Health
PSYC 2740	Drugs and Behavior
PSYC 4220	Senior Seminar: Health Psychology
SOCI 2120	Population: Birth, Death, and Migration
SOCI 2400	Social Work: An Introduction
SOCI 2410	History of Social Welfare
<b>Traditions, Delivery, and Ethics of Healthcare Electives</b>	
Select one of the following:	
AETH 2285	Ethics of Health Care
COMM 4350	Family Crisis Communication
ENGL 1630	Literature of Illness and Healing: Wounded Storytellers and Dedicated Healers
ENGL 2170	Themes in Creative Writing
HIST 2202	Health and Healing in America, 1650-1980: History of Western Medicine
NURS 1112	Healthcare Delivery Systems
NURS 4330	Population Health
PHIL 2205	Ancient Medicine & Philosophy
PUBH 2240	Introduction to Global Public Health
SPAN 3231N	Career-Oriented Spanish for Nursing and Health Studies
Total Credits	

The elective courses in the health studies program are offered in collaboration with other departments, and count toward degree programs in other departments and programs. Descriptions of these courses are found in the course offerings for those departments. At least one elective must be an upper-level course.

Students may double-count courses with all core and major requirements.

History

The Department of History introduces students to the richness and complexity of the human experience. The discipline of history trains students to understand history as process: to research, analyze, synthesize, and critically evaluate evidence. To the historian, factual information is never an end in itself, but a means to understand how the conditions of our own day evolved out of the past. Those who major or minor in history receive a broad preparation for entrance into graduate school and the traditional professions of law, government, foreign service, journalism, business, and teaching. The department participates in interdisciplinary programs, including American studies, Asian studies, Black studies, Environmental studies, Judaic studies, Latin American and Caribbean studies, International studies, Russian and East European studies, Women, Gender and Sexuality studies, and University honors. Students who attain high standards of scholarship are sponsored for membership in the department's Psi Theta Chapter of Phi Alpha Theta, the International Honor Society for History, and participate in the special programs under its auspices.

Core History Courses

For the classes of 2022 and earlier, students take two history courses as part of their liberal arts core curriculum requirement. This requirement is fulfilled by one 1000-level course, plus one 2000- or 3000-level course.



Beginning with the class of 2023, the Magis Core curriculum requires students to take one history course at the 1000 level. Students then have the option of taking a 2000-level history course to fulfill a Tier II Exploration requirement.

## Programs

- History Major (p. 144)
- History Minor (p. 144)

## Courses

### **HIST 1100 Origins of the Modern World Since 1500 3 Credits**

This course, which examines the history of Europe and its relationship to the world from the end of the Middle Ages through the 19th century, emphasizes the cultural, social, economic, and political forces and structures that led to the development of commercial and industrial capitalism, and the effects of this development on Europe, the New World, Asia, and Africa. Topics include the Renaissance and Reformation; the Transatlantic Slave Trade; European expansion and colonialism; the development of strong nation states; the Enlightenment; the Industrial Revolution and conflicting ideological and political responses; changing social, family, and gender relationships; and the increasing interaction of Europeans and non-Europeans. Critical analysis of primary and secondary sources develops skills in historical methodology that are of great value in many other academic pursuits. Written assignments and class discussions enhance these skills. Previously HI 0100.

### **HIST 1102 China, Japan, and Europe 3 Credits**

How can we provide a non-Eurocentric explanation of the rise of the modern world that has European and American features? We can do so by examining the encounters between the West and other parts of the world and by beginning and ending the story of the rise of the modern world not in Europe but elsewhere. This course surveys the history of Europe and the Atlantic world and their encounters with East Asia from the 1400s to the 1800s. Previously HI 0102.

### **HIST 1103 Europe, Russia, and the World, 1300-1918 3 Credits**

This course examines the history of Europe and Russia and their relationship to the wider world from the end of the Middle Ages through World War I. Emphasis is placed upon cultural, social, economic, and political movements and the process of social and political change in Europe and Russia. Previously HI 0103.

### **HIST 1104 War and Conflict in Western History, 1490-1989 3 Credits**

In this course we shall explore the political, social, religious, economic, and technological history of the western world by focusing on a single theme: war. By studying the conflicts that ravaged Europe and the world from ancient times to the later 20th century, we shall discover that war as an historical subject is much more than simply battles and tactics. What causes war? Religion? Politics? Economics? Social structures? The answer is 'all of the above, intertwined.' Previously HI 0104.

### **HIST 1105 Utopian Ideas and Practice Since 1500 3 Credits**

In order to understand past events, we must have a grasp on how their participants thought and what they imagined. This is a history of past futures: what people imagined would, could, or should happen. All utopian texts carry a critique of the societies that their authors inhabited. Previously HI 0105.

### **HIST 1106 Imperialism and Colonialism 3 Credits**

This course is an introduction to the history of the modern world since 1500. Using a World History approach, we will explore the dramatic transformation of human societies over the past five centuries as a truly global process produced through the interactions of the West and 'the rest.' The course focuses on the role of empires, imperialism, and colonialism in shaping world history. Previously HI 0106.

### **HIST 1110 Modern Europe: From Humanism to Hitler 3 Credits**

**Attributes:** H\_BF History Before 1750, H\_EU European History  
This course surveys the history of modern Europe from the late Middle Ages up to the year 1945. Beginning with the cultural and religious upheavals of the Renaissance, the Reformation, and Wars of Religion, it proceeds to examine the political transformations wrought by Absolutism, the Enlightenment, the French Revolution, and the Napoleonic Wars. It then examines the emergence of modern political ideologies such as liberalism, conservatism, and socialism, the development of nationalism and imperialism, the outbreak of World War I, the eruption of the Bolshevik Revolution, the interwar emergence of Fascism and Nazism, and the eruption of World War II.

### **HIST 1112 Germany Between Dictatorship and Democracy 3 Credits**

**Attributes:** GMEN German Course Taught in English, JST Judaic Studies Minor

This course examines the turbulent history of modern Germany from the Second German Empire, or Kaiserreich, to the present day Federal Republic. For much of this period, Germany played a pivotal, and indeed fateful, role in European and world affairs. Previously HI 0112.

### **HIST 1146 Women's History as U.S. History 3 Credits**

**Attributes:** WSGF Women, Gender, and Sexuality Studies: Gender Focused  
This course is an introduction to the discipline of history through a survey of American women's experiences from the pre-colonial era to the 1960s. Weighing the impact of gender with race and class on everyday life, we explore the intersectional features of identity from multiple perspectives. Previously HI 0146.

### **HIST 2201 History of Western Science 3 Credits**

**Attributes:** H\_AF History After 1750, H\_EU European History  
**Prerequisite:** One 1000-level history course.

This course is an introduction to the history of western science from antiquity to the present. Science informs our understanding of and interaction with every aspect of the world around us. In this course we will explore the historical paths that brought us to our contemporary understanding of the core sciences. We will examine scientists and their science within the broader historical contexts that shaped their lives and work. We will think critically about how scientific knowledge is created and the way society has used and abused scientific information. Previously HI 0201.

**HIST 2202 Health and Healing in America, 1650-1980: History of Western Medicine 3 Credits**

**Attributes:** ASUP American Studies Upper Level, HSTE Health Studies: Traditions, Delivery, and Ethics, H\_AF History After 1750, H\_US U.S. History

**Prerequisite:** One 1000-level history course.

This course examines major themes and problems in the history of health and medicine in America. Students will explore the changing conceptions of health, illness, and disease from the colonial period through the 20th century in the U.S. Students will analyze the economic, political and cultural forces that helped shape the activities of patients and medical practitioners within an evolving medical marketplace. This course will introduce students to the perspectives of a wide range of sufferers and healers. Students will examine how medical theories, gender, race, class, and ethnicity have shaped the history of medicine in complex ways.

Previously HI 0202.

**HIST 2203 European Society in the Middle Ages 3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, H\_BF History Before 1750, H\_EU European History, ISIC Italian Studies: Italy Component

**Prerequisite:** One 1000-level history course.

This course examines the social history of Europe from the barbarian migrations of the fifth century until the end of the Hundred Years War. From feudalism and the concept of courtly love, to the bitter power struggles of popes and monarchs, the course emphasizes emerging institutions, secular and religious, that came to define Western Europe in this and subsequent ages and to provide its most enduring rifts and hatreds. The course offers in-depth consideration of the role of women in medieval society, the persecution of Jews and other minorities, the Crusades, and the Black Death, with particular focus on their impact on the lives of average Europeans. Students read from primary and secondary sources. Previously HI 0203.

**HIST 2205 Anti-Semitism: Medieval to Modern 3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, H\_BF History Before 1750, H\_EU European History, JST Judaic Studies Minor

**Prerequisite:** One 1000-level history course.

This course surveys the history of Jewish-Christian interaction in Europe from late antiquity until the Dreyfus Affair, with emphasis on the 10 centuries between the ninth and the 19th. Using primary and secondary sources, literature, and film, students explore the complex relationships between Jews and Christians in these years, including often overlapping instances of persecution, segregation, disputation, coexistence, assimilation, and cooperation. The major political events, social shifts, and intellectual trends that profoundly altered European society in this extended period provide the backdrop against which the changing lives of Jewish and Christian Europeans are studied. Previously HI 0205.

**HIST 2210 The Third Reich 3 Credits**

**Attributes:** GMEL German Major or Minor Course, GMEN German Course Taught in English, H\_AF History After 1750, H\_EU European History, JST Judaic Studies Minor

**Prerequisite:** One 1000-level history course.

This course examines the origins and legacy of the Nazi dictatorship during the years 1933-1945. We begin by analyzing the factors that facilitated the Nazis' rise to power including the long-term peculiarities of German history, the short-term crises of the years 1918-33, and the relationship between Hitler and the German people. Thereafter, the course examines the social, economic, political, and cultural life of the Third Reich during the years, 1933-39, before turning to Hitler's unleashing of World War II and the Holocaust in the years 1939-45. The course concludes by surveying the Nazi era's lingering legacy in postwar German and European memory. Previously HI 0210.

**HIST 2212 Modern Germany: From Reich to Republic 3 Credits**

**Attributes:** GMEL German Major or Minor Course, GMEN German Course Taught in English, H\_AF History After 1750, H\_EU European History, JST Judaic Studies Minor

**Prerequisite:** One 1000-level history course.

This course examines the turbulent history of modern Germany from the Second German Empire, or Kaiserreich, to the present-day Federal Republic. Themes include the destabilizing emergence of Germany as a great power in the late 19th century, the outbreak of World War I, the collapse of the Empire, and the revolutionary upheaval of 1918 to 1919. The course examines the birth of the ill-fated Weimar Republic, the rise of Nazism, and the establishment of the Third Reich before moving to Hitler's unleashing of World War II, his genocidal campaign against the Jews, and Germany's ensuing wartime devastation, occupation, and division. The course concludes with an examination of the postwar political, social, and cultural development of West and East Germany through the nation's unification in 1990. Previously HI 0212.

**HIST 2213 In the Wake of Destruction: Europe Since World War II 3 Credits**

**Attributes:** H\_AF History After 1750, H\_EU European History

**Prerequisite:** One 1000-level history course.

This course surveys the major political, social, and cultural trends that have swept Europe since 1945. Themes include the struggle to reconstruct a stable political order in the immediate aftermath of WWII, the conservative retrenchment of the 1950s, the New Left radicalism of the 1960s, the neo-conservative reaction of the late 1970s and 1980s, the alleged 'end of history' following the revolutions of 1989, and Europe's political future in the post-9/11 age of globalization. Against the backdrop of these political trends, we examine how the trauma of war, the achievement of economic prosperity, the upsurge in anti-establishment radicalism, the emergence of a multicultural European society, and fears of decline have affected a wide range of cultural realms, spanning literature, philosophy, art, architecture, and film. Previously HI 0213.

**HIST 2214 Modern Jewish History 3 Credits**

**Attributes:** H\_AF History After 1750, H\_EU European History, JST Judaic Studies Minor

**Prerequisite:** One 1000-level history course.

This course surveys the history of the Jewish people from the middle of the eighteenth century up to the present day. Following a brief survey of the ancient and medieval periods, we will examine the social, political, and cultural changes brought about by the dawning of the Jewish Enlightenment, the struggle for political emancipation, and the pursuit of religious reform in Western and Eastern Europe. We will then examine modern anti-Semitism, Zionism, the Holocaust, and the founding of the state of Israel. The course concludes by surveying the history of American Jewry. Previously HI 0214.

**HIST 2215 Ireland: Middle Ages to the Present****3 Credits****Attributes:** CAOT Catholic Studies: Non-Religious Studies, H\_BF History Before 1750, H\_EU European History, IRSE Irish Studies Elective**Prerequisite:** One 1000-level history course.

This course examines political, religious, economic, and social developments in the Irish island from early medieval times to the present day. Topics include Celtic culture and civilization, the coming of Christianity, the Viking and Norman invasions, the English conquests in the 16th and 17th centuries, the 18th-century Protestant ascendancy, the subsequent struggle for Catholic emancipation and home rule, the Potato Famine of 1845 to 1850, the struggle for independence during the early 20th century, the ultimate establishment of the Irish republic, the current problems in Northern Ireland, and the historical ties between Ireland and the United States. Previously HI 0215.

**HIST 2216 Rise of the British Empire****3 Credits****Attributes:** H\_BF History Before 1750, H\_EU European History**Prerequisite:** One 1000-level history course.

This course examines the history of Britain and of British overseas expansion between 1400 and 1800: the Tudor-Stuart conquest of Ireland; the establishment of the North American colonies and West Indian plantations; the growth of British power in India during the 18th century, the loss of the Thirteen Colonies, and the beginnings of British rule in Canada. Students study the causes and effects of imperial expansion from the standpoints of British political development, British society, English-speaking colonists, African slaves, and Native Americans. Previously HI 0216.

**HIST 2217 Britain and Its Empire Since 1800****3 Credits****Attributes:** H\_AF History After 1750, H\_EU European History**Prerequisite:** One 1000-level history course.

This course examines the history of Britain and the British Empire from its great 19th-century expansion into Africa and Asia to its eventual crumbling under the impact of 20th-century independence movements and global war. Students compare the various independence movements, from the relatively peaceful transitions of Canada and Australia to the more violent ones by Ireland, South Africa, and India. The course finishes with an examination of the current racial and cultural conflicts that beset Britain's former colonies, with particular focus upon Ireland and South Africa. Previously HI 0217.

**HIST 2220 Ancient African Civilizations****3 Credits****Attributes:** BSCP Black Studies Capstone Course, BSFC Black Studies Focus Course, H\_BF History Before 1750, H\_NW Non-Western History, ISIF Italian Studies: Italy-Focused, WDIV World Diversity**Prerequisite:** One 1000-level history course.

This class introduces the civilizations of the ancient Nile Valley, Egypt, Nubia, and Ethiopia. It also provides an introduction to the transformation and survival of those civilizations into the medieval and modern worlds. Lectures will cover the social and political history of Pharaonic Egypt; the transformations of Egypt under Greco-Roman rule; the emergence of independent Nubia; the birth of a centralized and literate society in the Ethiopian highlands; the Christianization of Egypt, Nubia, and Ethiopia; the survival of Nubia and Ethiopia as independent medieval powers; and the historical memory of modern Copts, Nubians, and Ethiopians. Previously HI 0220.

**HIST 2221 Hellenistic World, 336-30 BCE****3 Credits****Attributes:** H\_BF History Before 1750, H\_EU European History, H\_NW Non-Western History, WDIV World Diversity**Prerequisite:** One 1000-level history course.

The course examines the Mediterranean world and the ancient Near East from the late fourth to late first centuries BC. Focus is on: the career of Alexander the Great; the Greek kingdoms that emerge after the collapse of his empire; the interaction between local cultures and religions, e.g. Egypt, ancient Judaism, and Greek civilization; the social history of daily life in conquered lands under Greek rule; and the transformations in the Hellenistic world with the arrival of Roman rule. Crosslisted with CLST 2221. Previously HI 0221.

**HIST 2222 The Roman Revolution****3 Credits****Attributes:** H\_BF History Before 1750, H\_EU European History, ISIF Italian Studies: Italy-Focused**Prerequisite:** One 1000-level history course.

This comprehensive study of the political, social, artistic, literary, and military transformation of Rome from the middle of the second century BCE through the reign of Augustus gives special attention to Rome's response to the cultural and governmental challenges imposed by its growing empire and how its responses forever changed the course of Western civilization. Crosslisted with CLST 2222. Previously HI 0222.

**HIST 2223 Roman World in Late Antiquity, 284-642 CE****3 Credits****Attributes:** H\_BF History Before 1750, H\_EU European History, ISIC Italian Studies: Italy Component**Prerequisite:** One 1000-level history course.

The course examines the Mediterranean world from the third to seventh centuries CE. Focus is on: the collapse of the Roman Empire in western Europe; the dramatic upheavals caused by the arrival in the Roman Empire of the Visigoths, Vandals, and other barbarian tribes; the survival of the Byzantine East through the early Islamic conquests; the rise of Christianity from a persecuted religion to the official religion of the Roman Empire; and the accompanying cultural transformations, including the rise of monasticism and the importance of the holy man. Crosslisted with CLST 2223. Previously HI 0223.

**HIST 2224 Byzantine World****3 Credits****Attributes:** H\_EU European History**Prerequisite:** One 1000-level history course.

This course is an introduction to political and social history of Byzantine Empire. It also highlights Byzantium's role as a bridge between Greco-Roman antiquity and modern European civilization. Course lectures will cover Byzantium's origins in the eastern half of the Roman Empire, Byzantium's middle period as a major Mediterranean power, and its late period as an increasingly shrinking city-state. The course will also introduce students to some of the major Byzantine historians and to methods of analysis using these sources, and train students to form historical arguments based on these analyses. Crosslisted with CLST 2224. Previously HI 0224.

**HIST 2228 Renaissance England****3 Credits****Attributes:** H\_BF History Before 1750, H\_EU European History**Prerequisite:** One 1000-level history course.

This course examines England from the later Middle Ages to the seventeenth century, during which time the essentials of the modern British state were formed. Particular emphasis will be given political and religious developments, including changes in the nature of monarchy and its relationship to feudalism, the growth of royal administration and the judiciary, the changes in warfare, the rise of Parliament, the role of the Church, and the impact of the Protestant Reformation. Also examined will be changes in economic and social patterns, as England went from an isolated half-island to a budding imperial power and center for trade. Previously HI 0228.

**HIST 2228X Renaissance England****3 Credits****Attributes:** H\_BF History Before 1750, H\_EU European History, MSID Magis Core: Interdisciplinary**Corequisite:** ENGL 1410X.**Prerequisite:** One 1000-level history course.

This course examines England from the later Middle Ages to the seventeenth century, during which time the essentials of the modern British state were formed. Particular emphasis will be given political and religious developments, including changes in the nature of monarchy and its relationship to feudalism, the growth of royal administration and the judiciary, the changes in warfare, the rise of Parliament, the role of the Church, and the impact of the Protestant Reformation. Also examined will be changes in economic and social patterns, as England went from an isolated half-island to a budding imperial power and center for trade. This course is linked with ENGL 1410X and fulfills the requirements for the interdisciplinary signature element within the Magis Core. Previously HI 0228X.

**HIST 2230 Early Modern France****3 Credits****Attributes:** FREN French Course Taught in English, H\_BF History Before 1750, H\_EU European History**Prerequisite:** One 1000-level history course.

This course covers the political, social, and cultural development of France from the 16th-century Wars of Religion to the ascension of Napoleon I in 1804, with an emphasis on the effects of revolutionary change on daily life (including the role of women, popular piety, the church and religious dissent, and labor relations), and on the impact of new political languages beyond the borders of France itself. Source readings, from the salon writings of the Bourbon court to the raucous songs of the streets of Paris, aid in considering if a French identity was formed during the period. Previously HI 0230.

**HIST 2237 American Prophetic Tradition****3 Credits****Attributes:** ASHI American Studies: History, ASUP American Studies Upper Level, EDCG Educational Studies Cognate, EDUS Education Minor U.S. History Course, H\_AF History After 1750, H\_US U.S. History, PJST Peace and Justice Studies**Prerequisite:** One 1000-level history course.

This course explores the experiences of individuals and social movements throughout U.S. history, who from a variety of religious and philosophical traditions found meaning in their lives and made an impact on U.S. society. Individuals range from Mary Dyer and Roger Williams to Lucretia Mott, Walter Rauschenbusch, Dorothy Day, John Cardinal Murray, and Jonathan Kozol, from the abolitionists to the anti-war movement. Previously HI 0237.

**HIST 2239 20th Century United States****3 Credits****Attributes:** ASGW American Studies: Gateway, ASHI American Studies: History, ASUP American Studies Upper Level, BSCC Black Studies Component Course, BSHI Black Studies: History, EDCG Educational Studies Cognate, EDUS Education Minor U.S. History Course, H\_AF History After 1750, H\_US U.S. History, UDIV U.S. Diversity**Prerequisite:** One 1000-level history course.

The course surveys developments in American social, political, and economic life since 1900. Major themes include problems of advanced industrial society, the growing government role in the economy, America's growing role in the world, and social movements of the 1930s and 1960s. Ethnic and cultural diversity within American society receive attention. Previously HI 0239.

**HIST 2240 The Personal Is Political: Women's Activism in the 1960s****3 Credits****Attributes:** ASHI American Studies: History, ASUP American Studies Upper Level, H\_AF History After 1750, H\_US U.S. History, PJST Peace and Justice Studies, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** One 1000-level history course.

Little fanfare and much derision accompanied the re-emergence of a women's movement in the mid-1960s. Within less than a decade, massive changes were underway. From the dismantling of gendered employment ads to the identification of domestic violence as a crime, few argued that Second Wave Feminism was meaningless. Students in this course discuss the depth and range of women's grass roots activism as well as the features of a social movement; they trace the development of consciousness, the growth of different ideologies, and the formation of agendas. The course also explores movement fault lines such as the fictive category of woman, racism, and 'structurelessness,' in addition to the difficulties of sustaining coalition. From the Montgomery bus boycott in 1955 to the Houston Conference 22 years later, students encounter the women who illuminated the political nature of issues once relegated to the private arena. Course material includes extensive use of autobiography. Previously HI 0240.

**HIST 2242 Immigration, Race, and Ethnicity in U.S. History****3 Credits****Attributes:** ASHI American Studies: History, ASUP American Studies Upper Level, BSCC Black Studies Component Course, BSHI Black Studies: History, H\_AF History After 1750, H\_RE History: Research Paper, H\_US U.S. History, JST Judaic Studies Minor, UDIV U.S. Diversity**Prerequisite:** One 1000-level history course.

This thematically arranged intensive reading, writing, and discussion seminar on the history of U.S. immigration in the 19th and 20th centuries situates the United States within the context of global migration patterns and economic development. Students investigate patterns of migration and community settlement, family strategies of survival and adaptation, and immigrant cultures. They analyze how successive groups of immigrants were received by U.S. society by examining the origins and effects of recurrent waves of racism, nativism, and ethnic and class antagonism that pervade American history. Previously HI 0242.



**HIST 2244 American Constitutional and Legal History II: 1900 to Present** **3 Credits**

**Attributes:** ASHI American Studies: History, ASUP American Studies Upper Level, EDCG Educational Studies Cognate, EDUS Education Minor U.S. History Course, H\_AF History After 1750, H\_US U.S. History

**Prerequisite:** One 1000-level history course.

This course examines the latter portion of the Fuller court, Imperialism and the Constitution, governmental efforts to restore economic competition, the police power, economic reform, progressivism, the tradition of national supremacy, new turns in civil liberties, the New Deal and the old Supreme Court, civil rights and the incorporation theory of the 14th amendment, and new roads back to legal conservatism. Previously HI 0244.

**HIST 2245 Feminism in the United States** **3 Credits**

**Attributes:** ASHI American Studies: History, ASUP American Studies Upper Level, EDCG Educational Studies Cognate, EDUS Education Minor U.S. History Course, H\_AF History After 1750, H\_US U.S. History, PJST Peace and Justice Studies, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level history course.

Participants study feminism based on the premise that it is a multi-faceted struggle for women's autonomy and self-determination. The course focuses largely on the United States, birthplace of the first organized women's movement; however, it periodically expands its view beyond the United States for purposes of comparison. Students analyze the development of the feminist movement as well as feminist theory during the 19th and 20th centuries and explore the discourse on gender mediated by race and class, and its impact on women's lives. Using primary and secondary sources, students work toward a historical definition of feminism. Previously HI 0245.

**HIST 2246 Women and Gender in U.S. History** **3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASHI American Studies: History, ASUP American Studies Upper Level, EDCG Educational Studies Cognate, EDUS Education Minor U.S. History Course, H\_AF History After 1750, H\_US U.S. History, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level history course.

This course surveys American women's history from the colonial era to the present, exploring the impact as well as the interdependence of gender, race, and class on experience. Although the term social history describes the course approach, it uses biography to illuminate key issues and enrich student perspectives. Through careful examination of primary and secondary sources, the course pursues two themes: the interplay of gender constructs through the myths and realities of women's lives, and the crucial role women played in transforming public and private space. The course views women as agents whose testimony and actions are vital to understanding our history. Previously HI 0246.

**HIST 2247 Family and Sexuality in U.S. History** **3 Credits**

**Attributes:** ASHI American Studies: History, ASUP American Studies Upper Level, H\_AF History After 1750, H\_US U.S. History, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level history course.

This course examines the growing scholarship in the fields of family history and sexual history in America. Students will explore the changing meanings of family, love, intimacy, emotions and sexuality from the colonial period through the 20th century in the U.S. Students will analyze the economic, political and cultural forces that helped shape sexual and family history. This course will introduce students to a wide range of American families and sexualities in history, examining how race, class, and ethnicity have made familial formation, sexual behavior and personal identity richly varied and complex. Previously HI 0247.

**HIST 2251 The American Century: The United States and the World Since 1900** **3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASHI American Studies: History, ASUP American Studies Upper Level, EDCG Educational Studies Cognate, EDUS Education Minor U.S. History Course, H\_AF History After 1750, H\_US U.S. History, INEL International Studies / International Business Elective

**Prerequisite:** One 1000-level history course.

This course examines the development, crises, and turning points in U.S. relations with the world from Woodrow Wilson to the present, exploring issues such as U.S. reactions to the Russian Revolution, World War I, isolationism and the coming of World War II, the Grand Alliance, the origins and development of the Cold War, the nuclear arms race, the Vietnam War, the United States and Latin America, U.S./Soviet relations, the Middle East and Persian Gulf crises, and the post-Cold War world. Previously HI 0251.

**HIST 2253 Early America to 1800** **3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASHI American Studies: History, ASUP American Studies Upper Level, EDCG Educational Studies Cognate, EDUS Education Minor U.S. History Course, H\_BF History Before 1750, H\_US U.S. History

**Prerequisite:** One 1000-level history course.

This study of the foundations of American civilization compares the colonial systems of Spain, France, and England. The course stresses the development of the British colonies in New England, the mid-Atlantic, and the South, with special emphasis on such topics as Puritanism, the Great Awakening, and the Enlightenment in America. The course continues through the American Revolution and the early United States to 1800. The role of outsiders (free and enslaved Africans, women, and American Indians) is stressed. Previously HI 0253.



**HIST 2257 Who Built America? Working People in America 3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASHI American Studies: History, ASUP American Studies Upper Level, EDCG Educational Studies Cognate, EDUS Education Minor U.S. History Course, H\_AF History After 1750, H\_US U.S. History, PJST Peace and Justice Studies, UDIV U.S. Diversity, WSGC Women, Gender, and Sexuality Studies: Gender Component

**Prerequisite:** One 1000-level history course.

This course explores the history of working people's lives and social movements in the U.S. from the pre-industrial era, through the Industrial Revolution, to today's 'post-industrial' society. This is not an Industrial Relations course. We look at three broad areas of historical change: 1) work itself; 2) the making and re-making of the American working class; and 3) the definitions of social justice that working people constructed for themselves and that informed their social movements. Our goal is to understand how and why the 'Labor Question' was at the heart of American reform movements in the 19th and 20th centuries. Special attention will be given to the experiences of women, African Americans, and other racial and ethnic groups. Previously HI 0257.

**HIST 2262 African-American History, 1619 to 1865 3 Credits**

**Attributes:** ASHI American Studies: History, ASUP American Studies Upper Level, BSFC Black Studies Focus Course, BSHI Black Studies: History, EDCG Educational Studies Cognate, EDUS Education Minor U.S. History Course, H\_BF History Before 1750, H\_US U.S. History, PJST Peace and Justice Studies, UDIV U.S. Diversity

**Prerequisite:** One 1000-level history course.

This course examines the role that Africans played in the building of America after their forced migration to these shores. It emphasizes the rise of the plantation system, the cultural transformation of Africans into African-Americans, and the essential roles that slaves and slavery played in the emergence of the United States as an independent nation and its political and economic consolidation into a modern nation-state. Slaves and free blacks figure in this history, not just as tools and backdrop, but as social and political actors, rebels, and major builders of American civilization. Previously HI 0262.

**HIST 2263 Inventing Themselves: African-American Women in U.S. History 3 Credits**

**Attributes:** ASHI American Studies: History, ASUP American Studies Upper Level, BSFC Black Studies Focus Course, BSHI Black Studies: History, EDCG Educational Studies Cognate, EDUS Education Minor U.S. History Course, H\_AF History After 1750, H\_US U.S. History, PJST Peace and Justice Studies, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level history course.

At the intersection of race, gender, and class, African-American women often challenged the codification of blackness and femaleness as well as a limited conception of class consciousness. From the diaspora to the present, they created forms of resistance, devised survival strategies, and transmitted cultural knowledge while defying racial/gender stereotypes. The multiple roles assumed by African-American women during their struggle from slaves to citizens in the United States represent a complex study of the relational nature of difference and identity. This course focuses on African-American women as subjects and agents of pivotal importance within the family, community, and labor force. Previously HI 0263.

**HIST 2264 African-American History, 1865 to Present 3 Credits**

**Attributes:** ASHI American Studies: History, ASUP American Studies Upper Level, BSFC Black Studies Focus Course, BSHI Black Studies: History, EDCG Educational Studies Cognate, EDUS Education Minor U.S. History Course, H\_AF History After 1750, H\_US U.S. History, PJST Peace and Justice Studies, UDIV U.S. Diversity

**Prerequisite:** One 1000-level history course.

This course examines the role people of African descent played as freed people and free people during Reconstruction, the Gilded Age, and the 20th century. It emphasizes the Southern origins of African America, the politics and economic activism of common people, and the recurring theme of struggle against racial injustice. Previously HI 0264.

**HIST 2265 History of the Indian Subcontinent: Colonialism, Nationalism, and Democracy, c.1857 to Today 3 Credits**

**Attributes:** ANMC Asian Studies Elective, H\_NW Non-Western History, INEL International Studies / International Business Elective, IWHU Islamic World Studies: Humanities, MWAC Magis Core: Writing Across Curriculum, PJST Peace and Justice Studies, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

Faced with unrivaled questions of diversity, poverty, and scale, South Asia has been a crucial laboratory in the making of political modernity. India, with a population numbering over a billion, is the world's largest democracy. Pakistan was the world's first Muslim 'homeland' and 'nation.' Beginning with an examination of the colonial period, this course reconsiders partition, and then follows the postcolonial trajectories of India, Pakistan, and Bangladesh. We explore innovative and divergent imaginations of the future, and of democracy in particular. We encounter Hindu nationalists, communists, socialists, liberals, anarchists, Islamists, and Muslim nationalists, revolutionaries, and the inescapable Mahatma Gandhi. Previously HI 0265.

**HIST 2266 Gandhi and Non-Violent Revolution in the 20th Century 3 Credits**

**Attributes:** MWAC Magis Core: Writing Across Curriculum

**Prerequisite:** One 1000-level history course.

This course explores the history of the modern world through one of modernity's greatest critics, Mahatma Gandhi. Gandhi was the preeminent leader of India's anti-colonial freedom struggle from the British Empire, as well as one of the most important thinkers of the 20th century. Through an exploration of Gandhi and his world, students will examine nationalism, democracy, capitalism, and imperialism and colonialism. We will use Gandhi as a point of departure for debates about the meaning of freedom, justice, and modernity itself. The course situates Gandhi's life in an age of transformation that was foundational to the modern world. Previously HI 0266.

**HIST 2270 History of Global Humanitarian Action 3 Credits**

**Attributes:** HAFD Humanitarian Action Foundation Course, H\_AF History After 1750, H\_EU European History, INEL International Studies / International Business Elective, PJST Peace and Justice Studies, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

This course, an intermediate (second core) history course, surveys the history of global humanitarian action in the face of famine, war, plague, natural disaster, refugees and other crises, since the middle of the nineteenth century. We will focus on intervention by European powers, the United States, the international community, and non-governmental actors. Special focus in case studies will be on 20th century war, famine, and genocide. Each student will research a case study with a focus on potential points of life-saving intervention. Previously HI 0270.

### **HIST 2271 Introduction to Russian History, Culture, and Civilization 3 Credits**

**Attributes:** H\_BF History Before 1750, H\_EU European History, MSID Magis Core: Interdisciplinary, RECS Russian, Eastern European, and Central Asian Studies, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

This intermediate level history and culture course will introduce students to the multiple facets of Russian identity. Embracing the period from East Slavic settlements in the ninth century to contemporary Russia under Yeltsin, Putin and Medvedev, the course will survey major themes that contributed to the creation of the Russian archetype. The idiosyncrasies of Russia's geographic location, the enduring presence of Russian Orthodoxy, the complex relationship with the West, debates about 'Russianness' among the Russian intelligentsia and the context of the Soviet Union and its disintegration, will be explored through literary texts, film, and significant works of art. Previously HI 0271.

### **HIST 2272 Russia, 700-1700: History and Myth 3 Credits**

**Attributes:** H\_BF History Before 1750, H\_EU European History, RECS Russian, Eastern European, and Central Asian Studies, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

This course is a survey of the eastern forest-steppe frontier of Europe (the territory of what is now Russia, Ukraine, and Belarus) from its first pagan rulers up to Russian Tsar Peter the Great, covering such themes as Russian Orthodoxy, the Mongol invasion, the growth of the Russian State, and the founding of the Russian empire. Previously HI 0272.

### **HIST 2273 History and Culture of Central and Eastern Europe Since 1945 3 Credits**

**Attributes:** H\_AF History After 1750, H\_EU European History, INEL International Studies / International Business Elective, RECS Russian, Eastern European, and Central Asian Studies

**Prerequisite:** One 1000-level history course.

This core history course explores the extraordinary story of accommodation, resistance, and oppression in Central and Eastern European societies during the second half of the 20th century and the crucial role that cultural and intellectual forces played from the period of fascist and wartime occupation, through the communist period to the overthrow of communism and the development of new societies in the period 1985 to the present. The course interweaves film from Poland, the Czech and Slovak Republics, and Hungary, historical texts and documents, and memoirs and writings of key dissident intellectuals, such as Vaclav Havel. Previously HI 0273.

### **HIST 2274 Historical Perspectives on Contemporary Global Crises 3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, H\_AF History After 1750, H\_NW Non-Western History, H\_US U.S. History, INEL International Studies / International Business Elective, PJST Peace and Justice Studies, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

This course examines, using topical, geographic, and critical approaches, the interaction of the United States and western Europe with the rest of the world in the 20th century, giving considerable attention to non-Western perspectives such as those of Asia, Africa, Latin America, the Arab world, Russia, and Eastern Europe. The course also includes an introduction to the history of U.S. foreign relations, international organizations, social change in the developing world, and world systems theory. Previously HI 0274.

### **HIST 2275 Russia's Road to Revolution 3 Credits**

**Attributes:** H\_BF History Before 1750, H\_EU European History, RECS Russian, Eastern European, and Central Asian Studies, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

Topics in this course include the modernization of Russia since Peter the Great; the impact of Western culture in the 18th century; Catherine the Great as reformer; intellectual protest against autocracy and serfdom; revolutionary ferment: Slavophiles and Westerners; from populism to Marxism-Leninism; the revolution of 1905; the industrialization of Russia to 1914; and the revolutions of 1917. Previously HI 0275.

### **HIST 2276 St. Petersburg in Russian History 3 Credits**

**Attributes:** H\_AF History After 1750, H\_EU European History, RECS Russian, Eastern European, and Central Asian Studies, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

Students explore the history of Russia from Peter the Great to the present through the political, social, and cultural heritage of Peter's city, St. Petersburg: Russia's 'window on the west.' St. Petersburg served as imperial Russia's capital from 1703 to 1918. After the consolidation of Soviet power, St. Petersburg (as Leningrad) continued to play a key role in 20th-century Russian social, political, and cultural history. The collapse of the Soviet Union in 1991 led to the rebirth of St. Petersburg as a cultural center. The course emphasizes historical sites and cultural accomplishments of St. Petersburg through the use of slides, video, and music. Previously HI 0276.

### **HIST 2278 Cultural History of China's Relations with the United States 3 Credits**

**Attributes:** ANMC Asian Studies Elective, H\_AF History After 1750, H\_NW Non-Western History, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

International relations are often conceptualized as power rivalry, stressing conflicts and collaboration among nations in international politics and political economy. In this course the Chinese-American relations are viewed as a history of people and cultural exchange, not just a top-down history of diplomacy and politics. Using culture rather than politics or economics as a reference point, this course exams China-US relations since the 19th century to the present from the interaction of cultural exchanges between the Chinese and Americans. Topics include: Chinese Exclusion Act of 1882, Messengers of the 19th century from both, China and United States, The Internationalization of China and United States: Educators of the 1920s, the Journalists of the 1930s and 1940s, Literature Imagination in China and United States, and Popular Culture and Sino-American Relations. The format of the course includes lectures, group discussions, debates and audio-visual presentations. Previously HI 0278.

**HIST 2279 China from the Classical Time to the 1800s 3 Credits**

**Attributes:** ANMC Asian Studies Elective, H\_BF History Before 1750, H\_NW Non-Western History, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

To many people China is one of the most mysterious and intriguing civilizations. Its fascinating concepts of philosophy, government, religion, art, and science that formed several thousand years ago continue to influence the modern world. This course examines the history, culture, self-image, worldview, and the ideas and institutions that shaped China and its people from the classical time to the 1800s. It is difficult to cover several thousand years of Chinese civilization in one semester. However, after this course, students should emerge with basic knowledge of Chinese culture and people. This course is an analytical survey of major topics and themes in Chinese history and culture. The format of the course includes lectures, group discussion, debate, and audio-visual presentation. Previously HI 0279.

**HIST 2280 The West and the Middle East 3 Credits**

**Attributes:** H\_AF History After 1750, H\_NW Non-Western History, IWHU Islamic World Studies: Humanities, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

This course examines Western and Middle Eastern relations from the 18th century to the present, relating recurring upheavals of the Middle East, including conflicts between ethnic-religious groups and economic classes, to structural transformations that have developed across two centuries. Topics include Western colonization and conquest; Middle Eastern nationalism; the Arab-Israeli conflict; the economics and politics of oil; and the Islamic revival. Previously HI 0280.

**HIST 2281 Portrait of the Arabs 3 Credits**

**Attributes:** H\_BF History Before 1750, H\_NW Non-Western History, IWHU Islamic World Studies: Humanities, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

This interdisciplinary course provides a broad introduction to Arab culture and society in the past and present, using novels, poetry, films, and scholarly studies to investigate contemporary issues and their relationship to a complex historical legacy. Topics include the formation of Arab identity; the relationship of city and countryside; women and the family; literature; the arts and architecture; and nation building. Previously HI 0281.

**HIST 2284 20th Century Russia 3 Credits**

**Attributes:** H\_AF History After 1750, H\_EU European History, INEL International Studies / International Business Elective, JST Judaic Studies Minor, RECS Russian, Eastern European, and Central Asian Studies, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

This course covers such major themes as the impact of the 1905 and 1917 revolutions; Lenin, War Communism, and the new economic policy; Stalin, collectivization, and the Great Purges; the Russian war experience and the Cold War; Khrushchev, reform, and de-Stalinization; Brezhnev, stagnation, and detente; Gorbachev, glasnost, perestroika, and political and economic crisis; the Revolution of 1987 to 1991; and post-Soviet Russia. Previously HI 0284.

**HIST 2285 Modern China: 1800 to Present 3 Credits**

**Attributes:** ANMC Asian Studies Elective, H\_AF History After 1750, H\_NW Non-Western History, INEL International Studies / International Business Elective, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

This course examines the major developments in modern Chinese history from about 1800 to the present to show China's transformation from a semi-colonial country in the 19th century to a major player in world affairs today. Topics include the Opium Wars, the impact of imperialism on China and China's response to it, the revolutionary movements of the first two decades of the 1900s, the rise of nationalism and Chinese Communism, the anti-Japanese War, the history of the People's Republic of China, the current economic reform movement and social changes, and China's role in the new world order. Previously HI 0285.

**HIST 2286 Rise of Modern Japan: 1800 to Present 3 Credits**

**Attributes:** ANMC Asian Studies Elective, H\_AF History After 1750, H\_NW Non-Western History, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

This course examines the transformation of Japan from the late Tokugawa period in the 1800s to the emergence of Japan as a post-industrial society. It focuses on historical forces and events, and on the efforts of Japanese women and men that have shaped Japan's transition from a late developing industrial nation during the Meiji period (1868-1912) to a great economic power in the 20th century. The dramatic social, political, economic, and cultural changes of the 1980s and 1990s receive attention. Students compare Japan's path to modernization with that of the West. Previously HI 0286.

**HIST 2288 Colonial Latin America, 1492-1800 3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, H\_BF History Before 1750, H\_NW Non-Western History, LCEL LACS Minor: Elective, PJST Peace and Justice Studies, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

The course examines Indian cultures, Portuguese and Spanish institutions, and values on the eve of the conquests, including the clash of cultures and interests, and three ensuing centuries of New World dialectics: conquistadores, viceroys, colonists, priests, friars, Indian caciques and peasants, black slaves, and free mulattoes mutually interacting and forming, by 1800, a new civilization composed of varying hybrid cultures from the Rio Grande to Tierra del Fuego. The course also considers the Iberian colonies on the eve of the 19th-century revolutions for independence. Previously HI 0288.

**HIST 2289 Modern Latin America, 1800-Present 3 Credits**

**Attributes:** H\_AF History After 1750, H\_NW Non-Western History, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

This course introduces students to the concrete actors and events that have shaped politics, culture, and society in Latin America from the nineteenth century wars of independence to the present. Through scholarly readings, primary source documents, literature, music, and film, we will explore the imprint of Spanish and Portuguese colonial rule, the struggles to consolidate nation-states, the efforts to 'modernize' in the late nineteenth century, and the extremes that Latin America experienced during the twentieth century. Among the varied topics to be explored in detail will be labor and slavery, citizenship, changing gender roles, urbanization, mass politics and social revolution, and transitions from dictatorship to democracy. The course will also include a consideration of Latin America's changing relationship with the outside world, and particularly with its powerful neighbor to the north. Previously HI 0289.

### **HIST 2297 Power, Politics, History: U.S.-Latin American Relations from the 1800s to the Present 3 Credits**

**Attributes:** H\_AF History After 1750, H\_NW Non-Western History, LCEL LACS Minor: Elective, LCSC LACS Minor: Spanish Culture and Literature, PJST Peace and Justice Studies, UDIV U.S. Diversity

**Prerequisite:** One 1000-level history course.

In this course, students examine the political, economic, social, and cultural repercussions of US-Latin American relations from the mid-19th century to the present. We will study cases of overt US political intervention and conflict, as well as less dramatic but ongoing forms of influence. While we will seek to understand what has led the United States to intervene so frequently in Latin America, our work will also pay close attention to the multiple ways that social actors throughout the Americas have constructed their national and cultural imaginaries across time, and in dialogue with one another. Previously HI 0297.

### **HIST 2298 Historical Geography 3 Credits**

**Attributes:** H\_AF History After 1750, H\_US U.S. History

**Prerequisite:** One 1000-level history course.

Historical geography applies the tools of geography to the phenomena and events of the past. Maps, statistics, and an understanding of how people interact with the physical world allow the historical geographer to achieve a new perspective on historic events. This class will be grounded primarily in the historical geography of North America, the Caribbean, and Mexico, and will also consider the general topics of history of place, change over time, the nature and uses of maps, and spatial analysis. Previously HI 0298.

### **HIST 3303 What If? Alternate History and the Historical Imagination 3 Credits**

**Attributes:** H\_AF History After 1750, H\_EU European History, H\_RE History: Research Paper

**Prerequisite:** One 1000-level history course.

What if the American Revolution had failed? What if the South had won the Civil War? What if Hitler had never been born? This seminar investigates why these and other counterfactual questions have increasingly been posed in works of Western popular culture in the last generation. In exploring the recent emergence of counterfactual history as a cultural phenomenon, we examine a wide range of speculative novels, films, television shows, comic books, plays, and historical essays in comparative analytical fashion. In the process, we attempt to arrive at general conclusions about how counterfactual narratives help us better understand the roles of causality and morality in history, as well as the broader workings of collective memory. Previously HI 0303.

### **HIST 3304 The Holocaust in History and Memory 3 Credits**

**Attributes:** GMEL German Major or Minor Course, GMEN German Course Taught in English, H\_AF History After 1750, H\_EU European History, H\_RE History: Research Paper, JST Judaic Studies Minor, PJST Peace and Justice Studies

**Prerequisite:** One 1000-level history course.

The Holocaust demands, yet stubbornly resists, historical understanding. This course addresses the Nazis' genocidal assault upon European Jewry and others by examining a wide range of factors that contributed to it. The course explores the roots of modern German anti-Semitism, the origins of Nazism, the establishment of the Nazi dictatorship, the sharpening of anti-Jewish measures during the Third Reich, and the escalation of persecution following the outbreak of World War II that culminated in the so-called Final Solution. Students consider the legacy of the Holocaust after 1945 by examining the postwar struggle to preserve its lessons in memory, the difficulty in finding adequate cultural means of representing its extreme dimensions, and the challenge of understanding the lessons that the event left for the postwar world. Previously HI 0304.

### **HIST 3313 Godless: Atheism and Skeptical Thought in the West 3 Credits**

**Attributes:** H\_BF History Before 1750, H\_EU European History, H\_RE History: Research Paper

**Prerequisite:** One 1000-level history course.

The history of atheism, or whether atheism even has a history, is difficult to establish. Scholars have used a narrow definition of the term atheism to suggest its origins in the 18th century, or a broad definition to trace its antecedents back to classical antiquity. This course considers atheism within the tradition of skepticism, and leaves open for classroom debate the question of whether the thinkers studied; from Epicurus to Ingersoll, Diderot to Dawkins; represent a coherent tradition or merely a collection of radical challenges, each tied to its own time and place. Previously HI 0313.

### **HIST 3315 Ireland Since the Famine 3 Credits**

**Attributes:** H\_AF History After 1750, H\_EU European History, H\_RE History: Research Paper, IRSE Irish Studies Elective

**Prerequisite:** One 1000-level history course.

This course is an in-depth examination of political, social, religious, and economic developments in Ireland from 1850 to the present day. Up to 1921 the focus is on the entire island including Ulster. After 1921 the focus turns to the Irish Free State and later Republic (Eire), although developments in Northern Ireland are studied as they compare with the history of the southern republic and as they bear upon relations with it. Students examine the interaction of politics with religious and ethnic divisions, international relations, economic conditions, and cultural patterns, including education and social mores. Previously HI 0315.

### **HIST 3323 England: Reformation to Revolution 3 Credits**

**Attributes:** H\_BF History Before 1750, H\_EU European History, H\_RE History: Research Paper

**Prerequisite:** One 1000-level history course.

This course examines the changes in church, state, and society that took place in the British Isles from the reign of Henry VIII to the Glorious Revolution of 1688. These centuries saw the unification of England, Ireland, and Scotland under a single government, the development of that government from feudal kingship into Parliamentary-based bureaucracy, and the shattering of medieval Catholicism into a variety of different churches and doctrines. The course also examines the structure of Tudor-Stuart society and the cultural changes resulting from the Renaissance and the Scientific Revolution. Previously HI 0323.



**HIST 3325 Athenian Democracy and Empire****3 Credits****Attributes:** H\_BF History Before 1750, H\_EU European History**Prerequisite:** One 1000-level history course.

This history seminar provides an in-depth exploration of classical Athens at the height of its power in the fifth century BCE. Its focus is on close reading of the primary sources describing the rise and fall of Athens in this period. It places particular emphasis on the parallel rise of Athenian democracy at home and the Athenian empire overseas. It places secondary emphasis on the nature of Athenian intellectual discourse in this period. A final research project will engage modern scholarly debates on the nature of fifth-century Athens. Crosslisted with CLST 3325. Previously HI 0325.

**HIST 3331 American Revolution and the New Nation****3 Credits****Attributes:** ASHI American Studies: History, ASUP American Studies Upper Level, H\_AF History After 1750, H\_RE History: Research Paper, H\_US U.S. History**Prerequisite:** One 1000-level history course.

An examination of the coming of the American Revolution and the transition from colonial to national status, this course discusses the military struggle itself and provides an assessment of the political, social, and economic effects of the Revolution. Topics include the Confederation period, the forming of the 1787 Constitution, and the Federalist era. Figures such as John Adams, Tom Paine, Jefferson, Hamilton, Madison, and Washington receive special attention. Previously HI 0331.

**HIST 3335 Civil War and Reconstruction****3 Credits****Attributes:** ASUP American Studies Upper Level, H\_AF History After 1750, H\_RE History: Research Paper, H\_US U.S. History**Prerequisite:** One 1000-level history course.

The principal goal of this seminar will be to familiarize students with some of the most important aspects of the Civil War and Reconstruction period in the United States, including the close examination of some of the more important historiographical debates. Topics include: sectionalism, antebellum political parties, slavery, abolition, Civil War politics, Presidential and Congressional Reconstruction, and Redemption. Students will use primary and secondary resources to produce a significant research paper. Previously HI 0335.

**HIST 3346 Saints, Sinners, and Sisters: Women and Religion in American History****3 Credits****Attributes:** H\_AF History After 1750, H\_RE History: Research Paper, H\_US U.S. History, WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** One 1000-level history course.

Why have women comprised the majority of American religious groups? What sorts of gender structures are central to religious groups in America? How have women's relationships to religious institutions changed over time? This course spans from the colonial era to the twentieth century; this course will focus on key periods in the formation of American women's relationship to religious ideas and institutions. Topics include: Native American women and colonialism; Puritan Women, Quakerism, Witchcraft Accusations, Evangelicalism American Catholic Life, Black Churches, Social Movements, Spiritualism, the Mormon Church, Jewish women in America, Fundamentalism, Muslim Women, Modern Witchcraft, Goddess Movements, and Buddhism. Previously HI 0346.

**HIST 3349 The 1930s in America****3 Credits****Attributes:** H\_AF History After 1750, H\_RE History: Research Paper, H\_US U.S. History, UDIV U.S. Diversity**Prerequisite:** One 1000-level history course.

This research seminar on the Great Depression and New Deal will use primary and secondary sources to focus on key events and different historical interpretations of the United States during this decade. The economic crisis defined the decade and propelled political, economic, social, and cultural changes. This era has immense relevance to today's political debates: the federal government's role in regulating the free market, the weakness of the labor movement, unemployment and the persistence of poverty, the increasing wealth gap, the increasing racial edge in these issues. All have their origins in the policies first forged during the New Deal. Previously HI 0349.

**HIST 3350 Introduction to Public History****3 Credits****Attributes:** H\_AF History After 1750, H\_US U.S. History**Prerequisite:** One 1000-level history course.

This course presents the field of Public History, which is the application of academic historical knowledge for presentation to the general public in a manner that enhances the public's understanding of historical change. It gives students the skills to think about and write local history, by exploring the bases for historical analysis through evaluation of primary-source documents and familiarity with secondary historical interpretations. Through service-learning projects, students will serve community partners such as the Fairfield Museum and History Center, the Bridgeport Public Library Historical Collections, and the Barnum Museum, by contributing historical research, designing exhibitions, and preparing curriculum lesson plans. Previously HI 0256.

**HIST 3356 History of the Cold War****3 Credits****Attributes:** ASHI American Studies: History, ASUP American Studies Upper Level, H\_AF History After 1750, H\_EU European History, H\_RE History: Research Paper, H\_US U.S. History, RECS Russian, Eastern European, and Central Asian Studies**Prerequisite:** One 1000-level history course.

This intensive reading, writing, and discussion seminar focuses on the origins, deepening, and decline of the Cold War between the United States and the Soviet Union from 1917 to 1991, covering such issues as Lenin-Wilson ideological antagonism, the shift from Grand Alliance to Cold War, the arms race, the rise and fall of detente, and the collapse of the Cold War order in Europe and the Soviet Union from 1989 to 1991. The course attempts to approach the topic by understanding both sides of the conflict, studying decisions, policies, and actions in a bilateral fashion. Previously HI 0356.

**HIST 3366 Gender, Culture, and Representation: Women in China and Japan, 1600 to Present****3 Credits****Attributes:** ANMC Asian Studies Elective, H\_AF History After 1750, H\_NW Non-Western History, H\_RE History: Research Paper, INEL International Studies / International Business Elective, WDIV World Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** One 1000-level history course.

Are Chinese and Japanese women mere victims of a patriarchal society? Do socialist revolution and industrial modernization liberate women? This seminar examines those questions by studying the historical changes and continuities in the experience of women in China and Japan from approximately the 17th century to the present. The construction and representation of gender relations in China and Japan represent complex processes with many changes. Using verbal and visual texts, this course considers women's lives and their struggles to represent themselves in both societies as well as the historiography on those subjects. Previously HI 0366.



**HIST 3367 East Asia in 20th-Century American Wars 3 Credits**

**Attributes:** ANMC Asian Studies Elective, ASHI American Studies: History, ASUP American Studies Upper Level, H\_AF History After 1750, H\_NW Non-Western History, H\_RE History: Research Paper, WDIV World Diversity  
**Prerequisite:** One 1000-level history course.

During the 20th century the United States fought three wars in East Asia: the Pacific War, the Korean War, and the Vietnam War. How did the East Asians perceive and react to the wars? How did the wars affect people's lives and societies in East Asia? How did the wars affect postwar relations between the United States and East Asia? Did race, culture, and ethnicity play significant roles in these wars? This course examines those questions by studying East Asia in the three American wars as an oral and social history. The course focuses on the human dimensions of the wars as experienced by those East Asians who fought and lived through them. Previously HI 0367.

**HIST 3368 Ideas in Action: Decolonization in World History 3 Credits**

**Attributes:** ANMC Asian Studies Elective, H\_NW Non-Western History, PJST Peace and Justice Studies

**Prerequisite:** One 1000-level history course.

This seminar explores the intellectual history of decolonization, the multifaceted process marked by the collapse of longstanding European empires and the emergence of independent nation-states in Africa, Asia, and the Caribbean in the mid-twentieth century. The central assumption of intellectual history is that ideas are key drivers of historical change. Conventional intellectual history courses engage with a narrow canon of European thinkers. This course approaches key figures from the colonial and postcolonial world, such as Gandhi and Fanon, as important ideological innovators integral to world history. Our main concern will be the intellectual ferment inaugurated as colonized peoples sought first to make sense of colonialism and then debated the meaning of, and means of achieving, freedom and liberation. Previously HI 0368.

**HIST 3371 Arab-Israeli Conflict 3 Credits**

**Attributes:** H\_AF History After 1750, H\_NW Non-Western History, IWHU Islamic World Studies: Humanities, JST Judaic Studies Minor, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

The course traces the Arab-Israeli conflict from the end of the 19th century until the present, emphasizing the political and socioeconomic transformation of Palestine as Zionists and Palestinian Arabs struggled for political sovereignty in the same land. Topics include Anti-Semitism and the Birth of Zionism, the British Mandate, the creation of Israel, the relationship between Israel and the Arab states, the Israeli occupation of the West Bank and Gaza, Palestinian resistance, Israel's war in Lebanon, diaspora politics, representations of the conflict in film and pop culture, and prospects for the future. Previously HI 0371.

**HIST 3372 Terrorism in History 3 Credits**

**Attributes:** H\_AF History After 1750, H\_EU European History, H\_NW Non-Western History, PJST Peace and Justice Studies, WDIV World Diversity  
**Prerequisite:** One 1000-level history course.

This course examines terrorism as it has been perpetrated by individuals, political-military groups, and states of varying political ideologies. Topics include political violence in antiquity and medieval times; the French Revolution; terrorism, anarchism, and Marxism; terrorism and national liberation; and terrorism and religion. Previously HI 0372.

**HIST 3373 History of North Africa Since 1700 3 Credits**

**Attributes:** H\_NW Non-Western History, H\_RE History: Research Paper, IWHU Islamic World Studies: Humanities, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

The region historically known as the Barbary Coast or North Africa today comprises five states: Mauritania and Western Sahara, Morocco, Algeria, Tunisia, and Libya. Bordered by the Mediterranean Sea on the north and the Sahara desert on the south, this region lay at the crossroads of European, African, and Middle Eastern civilizations. The course explores the countries' individual histories and inter-related regional topics such as piracy, Christian captivity narratives, the trans-Saharan slave trade, colonialism, national liberation and decolonization. Students investigate violence, power, identity, foreign domination, and the challenges these pose for the writing of history. Previously HI 0373.

**HIST 3383 Food, Consumption, and Commodities in Latin America, 1500 to the Present: From Chocolate to Cocaine 3 Credits**

**Attributes:** H\_NW Non-Western History, LCEL LACS Minor: Elective, WDIV World Diversity

**Prerequisite:** One 1000-level history course.

This upper level research seminar examines food and commodities as a critical part of the social and cultural history of Latin America. Through historical texts, cookbooks, literature, film, and food tastings, we will explore the history of food production, commodification, and consumption in Latin America, while paying close attention to the ways that cuisine has shaped cultural identity, social difference, and nationalisms over time. Previously HI 0383.

**HIST 3385 Comparative Russian Revolutions 3 Credits**

**Attributes:** H\_AF History After 1750, H\_EU European History, H\_RE History: Research Paper, RECS Russian, Eastern European, and Central Asian Studies

**Prerequisite:** One 1000-level history course.

An intensive reading, writing and discussion seminar studying in some depth the background, origins, development, and outcomes of two Russian revolutionary periods of the 20th century: the interrelated upheavals of 1905 to 1917, resulting in the overthrow of the tsarist regime and its replacement by the Bolsheviks; and the reform, collapse, and transformation of the Communist government of the Soviet Union from Mikhail Gorbachev to the present. In the process of two in-depth examinations, the course explores contrasts among the social, economic, political, and cultural forces at work in the two revolutionary periods. Previously HI 0385.

**HIST 3391 The Meanings of History 3 Credits**

**Attributes:** H\_AF History After 1750, H\_EU European History, H\_NW Non-Western History, H\_US U.S. History

**Prerequisite:** One 1000-level history course.

This upper-division seminar for juniors and seniors analyzes the ideas of seminal Western and non-Western thinkers; historians and philosophers who have had a profound influence on historical understanding and the practice of historians. Topics include the following questions: What is history? To what extent has the understanding of history changed in various times, places, and cultures? Are 'scientific' history and the discovery of objective truth possible? Do stable civilizational identities exist and what value do such concepts have for historical understanding? The course examines the contemporary political, social, and cultural relevance of these and comparable questions through intensive readings, discussions, and analytical papers. Previously HI 0391.

**HIST 3900 Special Topics (Shell) 3 Credits**

**Prerequisites:** One 1000-level history course, junior standing.  
This course offers an in-depth investigation of a significant historical problem or topic, conducted in a seminar format. The professor teaching the course chooses the topic. Previously HI 0397.

**HIST 3980 Internship 3 Credits**

**Prerequisites:** One 1000-level history course, junior standing.  
Majors work a minimum of eight hours per week during the semester at the Fairfield Museum and History Center, the Bridgeport Public Library Historical Collections, or a similar institution. An intern's work at these sites may include researching and mounting an exhibit, cataloging manuscript and artifacts collections, or organizing and conducting historical walking tours. Training in required skills is provided at the site. Under the supervision of a history department faculty member, interns write a research paper based on the work of the internship. Enrollment permission only. Previously HI 0395.

**HIST 3990 Independent Study 1-3 Credits**

**Attributes:** H\_RE History: Research Paper  
**Prerequisites:** One 1000-level history course, junior standing.  
This course provides an opportunity for advanced students to develop critical reading skills and writing ability in a tutorial arrangement with a chosen professor. Normally, the course results in a serious paper of publishable quality in student-centered journals (15 to 20 pages). Students arrange for independent study during registration period of the semester prior to the one in which they wish to take the course by applying to a professor under whose direction they wish to study. All independent study must have the concurrence of the department chairperson. Students may take only two independent studies. Previously HI 0399.

**Faculty**

**Professors**

Bucki, *internship coordinator*  
Greenwald  
Li  
McFadden  
Rosenfeld  
Ruffini

**Associate Professors**

Abbott  
Adair  
Behre, *chair*  
King  
Lawrence  
Purushotham

**Assistant Professors**

Marsans-Sakly  
Pilkington (Visiting)

**Assistant Professors of the Practice**

Hohl

**Lecturers**

Palmer

Rutter

**Professors Emeriti**

Coury  
DeAngelis  
Kazura  
Petry

**History Major**

**Requirements**

For a 30-credit major in history, students complete the following:

Code	Title	Credits
	Select one 1000-level course	3
	Select a minimum of nine upper-division history courses (2000-level and above), including:	27
	Four courses designated advanced (3000-level)	
	Two courses in European history, two in U.S. history, and two in non-Western history (Africa, Asia, Latin America, Middle East)	
	At least one course focusing on a period prior to 1750	
	At least one course focusing primarily on a period after 1750	
Total Credits		30

**Educational Studies Minor**

History majors and minors who elect a minor in Educational Studies and who have been admitted to the 5-year Integrated Bachelors-Masters Degree and Teacher Certification Program will fulfill the State of Connecticut content requirements for certification in Social Studies through their coursework for the History major or minor, plus 18 credits in other social sciences. Please consult with Dr. Cecelia Bucki in the Department of History and Dr. Ryan Colwell, Director of Education Minor and 5-Year Teacher Preparation Program, GSEAP. For additional information, see the catalog entry for the program in Education (p. 103).

**Magis Core Curriculum**

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

**History Minor**

For a 15-credit minor in history, students complete the following:

Code	Title	Credits
	Select one 1000-level history course	3
	Select a minimum of four upper-division courses, including:	12
	At least one upper-division course designated advanced (3000-level)	
	At least one upper-division course in European history, one in U.S. history, and one in non-Western history (Africa, Asia, Latin America, Middle East)	
Total Credits		15

To ensure a well-planned and coordinated program, students are required to work closely with their history faculty advisor.

## Honors Program

The Honors Program at Fairfield University is an interdisciplinary course of study open to invited freshmen and sophomores from all of the University's undergraduate schools and reports directly to the Provost. Since the program offers a curriculum of team-taught courses and small seminars, it is highly selective. Students who pursue Honors study at Fairfield are highly motivated, passionate about learning, and willing to engage their professors and fellow students in lively discussions. Honors students at Fairfield also are invited to attend intellectual and cultural events outside the classroom and faculty-led colloquia on a variety of topics.

The Honors curriculum challenges students to achieve the following educational goals:

1. Identify major intellectual questions about the past and present.
2. Write coherently about the history and methods of research into those questions.
3. Design a research project on a major question in their field of study.
4. Implement and report on the results of that research project.

Students who complete the Honors Program in good standing have their achievement noted on their final transcripts. Those who complete the program with an average grade of B+ in Honors courses receive the designation 'University Honors Program Completed with Distinction.' Those who complete the program with an average of A in Honors courses receive the designation 'University Honors Program Completed with High Distinction.'

### Program

*This curriculum applies to students in the Class of 2023 and later.*

The Honors Program comprises 21 credits earned through six Honors courses and an Honors-only section of ENGL 1001. The program also requires a senior capstone project, usually undertaken in the student's major during their senior year.

Code	Title	Credits
ENGL 1001	Introduction to Rhetoric and Composition (Honors-Only Sections)	3
HONR 1101	Enduring Questions	3
HONR 2201	Emerging Questions	3
HONR 2202	Honors Seminar (x3)	9
HONR 3301	Finding Answers	3
Senior Honors Project		
Total Credits		21

## Honors and the Core Curriculum

*This mapping to the core curriculum applies to students in the Class of 2023 and later.*

Students in the Honors Program will take one class in one of these seven areas and six classes in the Honors Program to fulfill this portion of the

Magis Core. The remaining eight courses required in the Magis Core remain unchanged for students in the Honors Program.

Students may elect to apply their Honors Program courses to six of the following seven areas:

1. History
2. Literature
3. Natural Science
4. Philosophy
5. Religious Studies
6. Social Science
7. Visual and Performing Arts

Students in the Honors Program will fulfill their History, Philosophy, and Religious Studies requirements in either Tier I or Tier II. Which courses fulfill which requirements and at which tier will depend on each student's specific enrollment choices.

### Signature Elements

Honors Program courses may fulfill signature elements of the core at the same time that they fulfill core requirements in the seven areas listed above.

All team-taught Honors Program courses (i.e. HONR 1101 Enduring Questions, HONR 2201 Emerging Questions, and HONR 3301 Finding Answers) will fulfill the Interdisciplinary Signature Element requirement.

### Honors Capstone

The honors capstone provides an opportunity for students to engage in mature research under the supervision of a faculty mentor. The senior honors project is not a course in its own right but either an independent study of three credits, typically conducted in the student's major field of study, or an enhancement of a course, which is recognized toward the completion of honors requirements. In the humanities, the project should be a paper of at least 25 to 50 pages in length. In studio art and creative writing, the project should take the form of a significant portfolio. In the natural sciences, mathematics, social sciences, nursing, and in the various areas of business, the finished project should conform to the discipline's acceptable format and length for publication.

## Progress in the Honors Program

Students entering Fairfield University in Fall 2019 or later must maintain a 3.75 GPA in order to remain in the Honors Program.

### Courses

#### HONR 1101 Enduring Questions 3 Credits

This team-taught course explores major questions persistent throughout human history. It provides an interdisciplinary opportunity to ask about the nature of humanity and reality, the meaning and purpose of existence, and the relationship between the individual and the wider world. Previously HR 0104.

**HONR 2201 Emerging Questions****3 Credits****Attributes:** MSID Magis Core: Interdisciplinary**Prerequisite:** HONR 1101.

This course explores new questions emerging in changing modern contexts. It invites students to consider how new paradigms change human relations, how new discoveries change our understanding of the world, and how these changes are shaping our future. Previously HR 0204.

**HONR 2202 Honors Seminar****3 Credits****Prerequisite:** HONR 1101.

This seminar, offered in one of the traditional disciplines, seeks to cultivate the skills of critical thinking, cogent argumentation, and effective writing, all by attending to a particular subject matter. Honors students earn nine credits in HONR 2202 by completing three seminars throughout their studies. Previously HR 0202.

**HONR 3301 Finding Answers****3 Credits****Attributes:** MSID Magis Core: Interdisciplinary**Prerequisite:** HONR 2201.

This team-taught course offers a survey of theories of knowledge, research methodologies, data collection practices, and analytical methods from disciplines across all undergraduate fields. It aims to arm students with a wide array of techniques for engaging in their own original research. Previously HR 0304.

**HONR 4990 Special Topics (Shell)****3 Credits****Prerequisite:** HONR 2201.

This course offers an in-depth investigation of a significant topic or question, conducted in a seminar format. The professor(s) teaching the course choose(s) the topic. This course is generally limited to juniors, with exceptions made as needed. Previously HR 0398.

## Humanitarian Action

In response to the increasing number, scope and intensity of humanitarian emergencies, the field of humanitarian action has grown dramatically over the last 25 years, along with diverse career opportunities. This minor complements students' other fields of study in arts and sciences, business, engineering, and nursing with the concepts, theories and skills to discern individual and collective responsibilities to respond to humanitarian needs at home and around the world. This unique interdisciplinary minor prepares students to:

- Learn, reflect and respond to humanitarian needs.
- Advance moral commitments and ethically grounded action.
- Serve as men and women for others.
- Alleviate human suffering and protect human dignity.

The program includes faculty with expertise in an array of disciplines including ethics, engineering, health, history, economics, management, and international affairs.

Students minoring in humanitarian action have opportunities to prepare for humanitarian action through the Humanitarian Action Club which raises awareness on campus about humanitarian issues and builds strategies for responding to humanitarian crises. Fairfield's club is a member of the Jesuit Universities Humanitarian Action Network (JUHAN) which encourages collaboration amongst network members and hosts a biennial skills-building conference for undergraduate students of Jesuit universities.

## Programs

- Humanitarian Action Minor (p. 147)

## Courses

**HUAC 3980 Humanitarian Action Internship****3 Credits****Attributes:** HASM Humanitarian Action Minor Skills/Method Course

Students gain first-hand experience through placement with a relevant international organization, non-profit, media and business, or government agency focused on humanitarian crises and disaster response. Typically, an internship requires 10 to 15 hours per week on site. Other requirements include an e-portfolio containing reflections about readings, meetings with internship coordinator and peers and a final reflection paper. An on-site supervisor and Humanitarian Action professor evaluate student work. Open to juniors and seniors only, by permission of the minor director. Requires an overall GPA of 3.0 or higher. Previously HA 0298.

**HUAC 4999 Humanitarian Action Capstone****3 Credits****Prerequisites:** AETH 2272 or HIST 2270 or POLI 2472; completion of three Humanitarian Action electives; junior or senior standing.

This capstone course is a culminating experience for students minoring in Humanitarian Action. It provides students with the opportunity to engage with enduring questions that they have encountered throughout their coursework. Through a process of reflection and discernment facilitated during each class meeting, students will identify a research topic for a major paper that integrates the student's coursework, internship and/or extra-curricular experiences in the minor. Previously HA 0300.

## Faculty

### Director

Leatherman (Politics, International Studies)

### Advisory Committee

Babo (Sociology and Anthropology, International Studies)

Crandall (Curriculum and Instruction)

Gerard (Nursing)

McFadden (History)

Mughal (Center for Faith and Public Life)

Nantz (Economics)

Planas (Nursing)

Poli (Accounting)

Schmidt, D. (Applied Ethics)

### Affiliated Faculty

Aksan (Economics)

Babo (Sociology)

Boryczka (Politics)

Crawford (Sociology and Anthropology)

Downie (Politics, Environmental Studies)

Franceschi (Economics)

Garcia Iommi (Politics)

Giapponi (Management)

Jones (Sociology, International Studies)

Lacy (Sociology and Anthropology)

Lakeland (Religious Studies)  
 Strauss (Management)  
 Planas (Nursing)  
 Vásquez Mazariegos (Economics)  
 Vinekar (Information Systems and Operations Management)

## Lecturers

Day (Applied Ethics)  
 Ostrow (English)  
 Schmidt, N. (Applied Ethics)  
 Sobocinski (English)

## Humanitarian Action Minor

For an 18-credit minor in Humanitarian Action, students complete the following:

Code	Title	Credits
<b>Introductory Foundation Course</b>		
Select one of the following:		3
AETH 2272	Ethics of Humanitarian Action	
HIST 2270	History of Global Humanitarian Action	
POLI 2472	Politics of Humanitarian Action	
<b>Context and Analysis Courses</b>		
Select two of the following:		6
AETH 2276	Ethical Dimensions of Global Business Practices	
AETH 2293	Ethics of War and Peace	
ANTH 2015	Refugees and Culture	
ECON 2140	Health Economics	
ENGL 1130	Literature of the Holocaust	
HIST 2274	Historical Perspectives on Contemporary Global Crises	
INST 2481	International Human Rights	
PUBH 2240	Introduction to Global Public Health	
POLI 1104/ INST 1051	Introduction to International Relations	
POLI 2252	African Politics	
POLI/INST 2471	United Nations Security Council Crisis Simulation	
POLI 2473	Humanitarian and Disaster Response Field Training	
POLI 2475	Climate Change: International Policy and Politics	
POLI 2478	International Law	
POLI 2479	Threats to Global Security in the 21st Century	
POLI 2480	Border Politics	
POLI/INST 2481	International Human Rights	
POLI 2258	Political Violence	
POLI 4303	Gender, War, and Peace	
SOCI 1150	Introduction to International Migration	
<b>Skills and Methods Courses</b>		
Select two of the following:		6
ANTH 3700	Grant Writing for the Social Sciences	

ANTH 3710	Theory and Practice in Anthropology	
COMM 3324	Crisis Communication	
ENGL 1839	Grant and Proposal Writing	
HUAC 3980	Humanitarian Action Internship	
LCST 3301	Justice and the Developing World	
MGMT 4350	International Law	
MGMT 4370	Managing Non-Profit Organizations	
POLI 2473	Humanitarian and Disaster Response Field Training	
RLST 2335	Liberation Theology	
<b>Capstone</b>		
HUAC 4999	Humanitarian Action Capstone	3
Total Credits		18

Students have the option of choosing from one of three foundational courses in ethics, history and politics that introduce humanitarian action. Each course covers the core material through different disciplinary approaches.

In addition to one foundational course, students must complete four elective courses. These electives are divided equally among context and analysis and skills and methods. Context and analysis courses cover topics such as international organization, global public health, gender, war and peace, genocide, human rights, global security, historical perspectives on contemporary crises, border politics, migration, refugees and climate change.

To satisfy the two remaining electives in skills and methods, students may choose from a range of courses in such fields as anthropology, communication, management, law, information systems and grant writing. Elective offerings also include courses in international operations of non-profits, engineering, and field research courses in Latin American and Caribbean Studies. Students may also count the successful completion of a humanitarian action internship as one of the two skills and methods elective requirement.

Students may double-count one context and analysis elective and one skills and methods elective from another major/minor. With the director's approval they may substitute an alternative course for the skills and methods requirement.

The culminating experience for the Humanitarian Action minor is the Capstone Seminar.

Consult with the director for additional information.

## Individually Designed Major

The Individually Designed Major (IDMJ) allows qualified students in the College of Arts and Sciences, under appropriate direction of at least two faculty advisors, to design and pursue an interdisciplinary major presently not available in the College.

The Individually Designed Major is, as its name implies, a major designed by the student. It must be a true major, with a progression of courses, including an appropriate number of advanced courses. It cannot be a simple collection of introductory courses in several disciplines. The major may be an extension of a presently existing interdisciplinary minor, or it may be a wholly new subject, e.g. 'Social Justice in Latin American Culture' or 'Arts Management.'



Courses already taken may be included in the major, but the IDMJ should be, as a whole, a planned endeavor, not simply the pulling together of courses already taken. For this reason application must be completed and approved by the IDMJ Committee no later than the end of the student's second year.

## Eligibility

To be eligible, the student must have an overall GPA of at least 3.00 at the time of application, and apply before the end of their second year at Fairfield University. Applications and information may be obtained from the office of the Dean of the College of Arts and Sciences. If you are interested in pursuing this major, please consult with two or more faculty who would serve as appropriate advisors, and also schedule an informational meeting with the IDMJ program director (Associate Dean of the College of Arts and Sciences) at your earliest convenience.

## Course Requirements

1. The major requires a minimum of ten courses.
2. The major must be truly interdisciplinary. While there may be a primary department, at least four courses must be taken outside that department.
3. The major requires a suitable number of advanced courses.
4. The major also requires a senior project (seminar, capstone course, supervised lab, or whatever is appropriate for the relevant disciplines). The purpose of this project is to allow students to pull together the multiple threads of the interdisciplinary major.
5. Finally, the major requires that the student maintain a semester-by-semester portfolio for the purpose of a reflective review and self-assessment of the progress and changes in direction, if any, of the major. The student will use these materials as part of a progress review with advisors at least once a semester. The student will submit the portfolio in the final semester of their senior year, and must also submit a final assessment of the major to the Individually Designed Major Committee as a requirement for graduation.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Faculty

### Director

Sauer, *Associate Dean* (Biology)

### Individually Designed Major Committee

Andreychik (Psychology)

Harper-Leatherman (Chemistry)

King (History)

## International Studies

The International Studies Program at Fairfield University draws from a group of interdisciplinary faculty, practitioners and students from many parts of the world with a commitment to thinking critically about global challenges, promoting social justice, and engaging in service. Students have opportunities to pursue a major or minor in International Studies in the College of Arts and Sciences or an innovative co-curricular program in

International Business with a complementary major or minor in the Dolan School of Business. The Program seeks to heighten global awareness in the ways we situate ourselves geographically, and encounter conflict, gender, race, class, nationality, the environment, and development.

Some of our most important student learning outcomes are:

- Accurately summarize in writing the key points of a scholarly work.
- Identify different "theories," analyses, or perspectives on social behavior.
- Accurately juxtapose two different analyses of a situation or event.
- Demonstrate an understanding of the linkages between local phenomena and global processes.

## Programs

- International Studies Major (p. 150)
- International Studies Minor (p. 151)
- International Business Major (p. 277) (Dolan School of Business)

## Courses

### INST 1050 People, Places, and Global Issues

**3 Credits**

**Attributes:** BUEL Business Elective, PJST Peace and Justice Studies, WDIV World Diversity

This course introduces students to some of the fundamental concepts of International Studies. Major world regions and selected countries within them are discussed with respect to the people, and their physical, demographic, cultural, political, and economic characteristics. Several concepts and global issues are explored, among which the physical environment, conflict, inequality, global interconnectedness, and the movement of goods and people across borders are central. This course will emphasize contemporary events, particularly as they relate to the fundamental themes covered. Previously IL 0050.

### INST 1051 Introduction to International Relations

**3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, PJST Peace and Justice Studies, PMIR Politics Major: International Relations

This course introduces International Relations (IR) theories to students, providing concepts, frameworks and approaches that will help them make sense of global politics historically and today in a systematic and critical manner. The goal of the course is to familiarize students with these tools and to help them use them to understand and address challenges at a global scale, particularly different manifestations of violence, development and social injustice, including from war to economic, social, gendered, and political marginalization. Crosslisted with POLI 1104. Previously IL 0051.

### INST 1052 Culture and Political Economy

**3 Credits**

**Attributes:** MWAC Magis Core: Writing Across Curriculum

This course examines the ways in which global political economic dynamics impact local cultures. Students will begin with classic texts in social theory, examine how this theory informs contemporary debates, and look to small-scale societies in the Global South for an intimate, ethnographic perspective of our global era. Crosslisted with ANTH 2010. Previously IL 0052.

**INST 1053 Introduction to Economics****3 Credits**

This course introduces the fundamentals of economic analysis from individual consumer behavior to the choices firms make, as well as framing the aggregate economy and indicators that measure global economic activity. It will cover the basics of both micro and macro economic study. Supply and demand, market structures, international trade, fiscal, and monetary policy are introduced. Students may petition for this course to also count toward a major or minor in economics. Previously IL 0053.

**INST 2150 International Operations of Non-Profits****3 Credits**

**Attributes:** BUEL Business Elective, HASM Humanitarian Action Minor Skills/Method Course, INEL International Studies / International Business Elective, WDIV World Diversity

This course introduces students to the environment of international not-for-profit organizations. The course examines the relationships between non-profits and the private and public sectors. Accountability is discussed in terms of short-term financial efficiencies and long-term program quality assessment. Course objectives include understanding internal and external environments in which non-profits operate; the relationship between non-profits with the public and private sectors; acquiring skills for accounting and financial information in the non-profit sector; understanding roles, performance and accountability issues of nongovernmental organizations in international development assistance; and developing case study analyses. Previously IL 0150.

**INST 2471 United Nations Security Council Crisis Simulation****3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, INEL International Studies / International Business Elective, WDIV World Diversity

This course provides students a hands-on learning experience by simulating a United Nations Security Council crisis in international peace and security. The objective is to introduce students to the challenges of global governance in light of the different perspectives they encounter representing different constituencies of the UN Security Council who come from diverse cultural, historical, and geopolitical regions of the world. A key goal of the course is to bring to light whether and how power disparities in the structure of the Council limit the effective representation of many countries and global South as a whole and the stakes in reform of the Security Council. Crosslisted with POLI 2471. Previously IL 0197.

**INST 2481 International Human Rights****3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, INEL International Studies / International Business Elective

This course is devoted to an examination of basic human rights philosophy, principles, instruments and institutions. It introduces students to the origins and development of international human rights; the need to apply and enforce legal obligations and establish accountability for human rights violators; and the procedures enforced by the international community for human rights violation. Students will engage in focused discussions and debates on contemporary issues of human rights, such as Environmental Rights, Women's Rights, Rights Against Trafficking, and Economic Rights. The final part of the course includes a special focus on U.S Foreign Policies on Human Rights, concluding with Guantánamo. As part of the research requirements of the course, students will focus on human rights for which they want to be advocates and/or in which they want to be engaged. Crosslisted with POLI 2481. Previously IL 0152.

**INST 3980 Internship****0-3 Credits**

**Attributes:** INEL International Studies / International Business Elective

**Prerequisite:** Junior standing.

Students accept placements with local organizations, government agencies, or non-profit organizations in positions with an international component. Interns learn to apply knowledge acquired in their course of study to real-world situations. Completion of the internship requires regular meetings with the supervising faculty member, submission of journal entries, and one paper. Note: Students complete the internship in addition to the basic requirements for the major or minor. Arrangements for summer and international internships are also available. Students must have a GPA of 2.8 or higher. Previously IL 0298.

**INST 3990 Independent Study****1-3 Credits**

**Attributes:** INEL International Studies / International Business Elective

Students pursue an independent research project on international issues under the supervision of a faculty member. Open to juniors and seniors with the director's permission. Previously IL 0299.

**INST 4303 Gender, War, and Peace****3 Credits**

**Attributes:** PMIR Politics Major: International Relations, WDIV World Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course examines the complexities and gendered impact of war on children, family and other social actors, drawing on a wide range of theories, concepts and case studies on violence, conflict escalation and peacebuilding. Part I examines the multifaceted forces of globalization, structural violence, and gender-based violence (GBV) that set up the gendered dynamics of war. Part II draws from this framework to understand the fluid contexts of gender and violence in war, including sexual violence. It looks at how people try to remain safe from armed conflict and marauding bands of rebels or soldiers, and the difficulties of sorting victim from perpetrator. Part III examines theories of social justice in the aftermath of war, and policies that can lead to improved security, safety, health, rehabilitation and reconstruction. Course requirements include exams and a research paper on the theory and policy implications of gender in war and its aftermath. Crosslisted with POLI 4303. Previously IL 0151.

**INST 4999 Senior Capstone Seminar****3 Credits**

**Attributes:** MWID Magis Core: Writing in the Discipline

**Prerequisites:** ECON 1011, ECON 1012, INST 1050, INST 1051, INST 1052.

This course requires students to theorize and analyze emerging trends in the political, socio-cultural, economic, and business dimensions of global affairs, and develop the implications in a particular context or setting. Students undertake a major research project as a central activity in this course drawing on the expertise and research methodologies they have developed in International Studies. This course is taken during the senior year, after students have completed all core courses in international studies. Previously IL 0300.

## Faculty

### Director

Crawford (Sociology and Anthropology)

### Associate Director

Deeg-Carlin

### Coordinating Committee

Babo (Sociology and Anthropology)

Bhattacharya (Management)

Franceschi (Economics)  
Garcia Iommi (Politics)  
Jones (Sociology and Anthropology)  
Leatherman (Politics)  
Martinez (Finance)  
McFadden (History)  
Micu (Marketing)  
Strauss (Management)  
Vasquez Mazariegos (Economics)  
Zhang, Q. (Communication)

Ex-Officio

McAloon (Dolan School of Business)

International Studies Major

Students majoring in International Studies begin with foundational coursework in international relations, economics, geography, and sociology/anthropology, and complete their degree requirements with a senior research project. To prepare for this, they develop their own specialization drawing on courses from three thematic areas: Global Development; Conflict, Diplomacy, and Peace Building; and Humanitarianism and Social Justice. The challenges and perils that face the global community are multifaceted and complex. Students acquire different sets of knowledge, tools, and perspectives to deal with the complexities that face local to global communities.

Complementary Studies and International Opportunities

Students complement their International Studies major with coursework in related departments like politics, economics, sociology, history or foreign languages, and in the Dolan School of Business. Many students also pursue related interdisciplinary programs, such as environmental studies, women's studies, peace and justice, and area studies with which International Studies works especially closely. They also study economics and business emphasizing multinational organizations and regional trade pacts, economic and political systems, socio-cultural structures, microfinance and diversities that have operational significance for community and economic development and international business.

The International Studies Program reinforces multidimensional learning with real-world experience through language studies, service learning, Model United Nations, the Undergraduate Journal of Global Citizenship, internships, and study abroad opportunities, and through work with our faculty on research projects. Therefore students are expected to engage in one or more of these forms of experiential learning.

Graduation with Honors in International Studies

Fairfield University has a campus chapter of Sigma Iota Rho, the national honor society for international studies. Students must have attained a junior standing and completed at least twenty-one hours of course work toward the International Studies/Business major. Students with an overall GPA of 3.30 or greater and a GPA of 3.40 or higher in their International Studies or International Business major are nominated for membership.

Requirements

For a 30-credit major in International Studies, students complete the following:

Code	Title	Credits
Foundational Courses		
INST 1050	People, Places, and Global Issues	3
INST 1051	Introduction to International Relations	3
INST 1052	Culture and Political Economy	3
INST 1053	Introduction to Economics	3
or ECON 1011 & ECON 1012	Introduction to Microeconomics and Introduction to Macroeconomics	
INST 4999	Senior Capstone Seminar	3
Electives		
Select five electives from any three thematic areas to develop a specialization in International Studies <sup>1</sup>		15
Total Credits		30

<sup>1</sup> These electives may be taken any time during the student's undergraduate studies, though students may wish to spread these courses over their junior and senior year. Students in study abroad may take approved courses to satisfy these electives. However, students are encouraged to complete INST 1050, INST 1051, INST 1052, and INST 1053 in their Freshman and Sophomore years. Students may also complete 15 credits of electives through a self-designed study, with approval of the director.

Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

International Studies and International Business Electives

Code	Title	Credits
Global Development		
ANTH 1115	Cultures of Africa	3
ANTH 1120	Islamic Societies and Cultures	3
ANTH 2015	Refugees and Culture	3
ANTH 3710	Theory and Practice in Anthropology	3
COMM 2241	Communication and Culture: East and West	3
ECON 3230	Comparative Economic Systems	3
ECON 3231	International Trade	3
ECON 3233	International Economic Policy and Finance	3
ECON 3235	Economic Development	3
ECON 3237	Fair Trade and Microfinance	3
FNCE 3200	Global Capital Markets	3
FNCE 4240	International Financial Management	3
HIST 2284	20th Century Russia	3
HIST 2285	Modern China: 1800 to Present	3
HIST 2289	Modern Latin America, 1800-Present	3

HIST 3366	Gender, Culture, and Representation: Women in China and Japan, 1600 to Present	3	ANTH 3710	Theory and Practice in Anthropology	3
INBU 1054	Contemporary Issues Affecting the Global Business Environment	3	ECON 2120	Introduction to Environmental Economics	3
INST 3980	Internship	3	HIST 2270	History of Global Humanitarian Action	3
INST 3990	Independent Study	3	INST 2150	International Operations of Non-Profits	3
ISOM 4310	E-Business Applications	3	INST 2481	International Human Rights	3
MGMT 4350	International Law	3	INST 3980	Internship	3
MGMT 4390	Cross-Cultural Management	3	INST 3990	Independent Study	3
MKTG 3312	Global Marketing	3	LCST 3301	Justice and the Developing World	4
POLI 2253	Latin American Politics	3	MGMT 4370	Managing Non-Profit Organizations	3
POLI 2255	Middle East Politics	3	MGMT 4385	Managing People for Global Business	3
POLI 2259	The Development Gap	3	PHIL 2263	The Concept of Human Rights	3
POLI 2474	International Environmental Policies	3	POLI 1102	Introduction to Comparative Politics	3
POLI 2477	Globalization	3	POLI 2331	Introduction to Peace and Justice	3
POLI 4304	Seminar on Global Environmental Politics	3	POLI 2472	Politics of Humanitarian Action	3
SOCI 1145	Globalization	3	POLI 2480	Border Politics	3
SOCI 1160	Contemporary Latin American and Caribbean Society	3	RLST 2335	Liberation Theology	3
SOCI 1165	Social Change in Developing Nations	3	SOCI 1150	Introduction to International Migration	3
<b>Conflict, Diplomacy, and Peace Building</b>			<b>Plan of Study</b>		
AETH 2293	Ethics of War and Peace	3	<b>Course</b>	<b>Title</b>	<b>Credits</b>
ANTH 3710	Theory and Practice in Anthropology	3	<b>First Year</b>		
COMM 2240	Intercultural Communication	3	INST 1050	People, Places, and Global Issues	3
HIST 2251	The American Century: The United States and the World Since 1900	3		Credits	3
HIST 2265	History of the Indian Subcontinent: Colonialism, Nationalism, and Democracy, c.1857 to Today	3	<b>Second Year</b>		
HIST 2273	History and Culture of Central and Eastern Europe Since 1945	3	INST 1050	People, Places, and Global Issues (if not taken during first year)	3
HIST 2274	Historical Perspectives on Contemporary Global Crises	3	INST 1051	Introduction to International Relations	3
INST 2471	United Nations Security Council Crisis Simulation	3	INST 1052	Culture and Political Economy	3
INST 3980	Internship	3	INST 1053	Introduction to Economics (usually offered in the Fall Semester)	3
INST 3990	Independent Study	3	or ECON 1011	or Introduction to Microeconomics	
MGMT 4360	Negotiations and Dispute Resolution	3	<b>and</b>	<b>and</b>	
PHIL 2263	The Concept of Human Rights	3	ECON 1012	Introduction to Macroeconomics	
POLI 2251	Islam and Muslim Politics	3		Credits	9
POLI 2252	African Politics	3	<b>Third Year</b>		
POLI 2257	Northern Ireland: Politics of War and Peace	3	INST 1051, INST 1052, or INST 1053 (if not taken previously)		3
POLI 2258	Political Violence	3	Select 5 electives from the thematic areas		15
POLI 2476	United States Foreign Policy	3		Credits	15
POLI 2478	International Law	3	<b>Fourth Year</b>		
POLI 2479	Threats to Global Security in the 21st Century	3	Select any remaining electives from the thematic areas		
POLI 4303	Gender, War, and Peace	3	INST 4999	Senior Capstone Seminar	3
SOCI 1155	Sociology of Europe	3		Credits	3
<b>Humanitarianism and Social Justice</b>				Total Credits	30
ANTH 1125	Sex, Gender, and Sexual Orientation	3	<b>International Studies Minor</b>		
ANTH 2100	Culture and Inequality	3	For an 18-credit minor in International Studies, students complete the following:		
ANTH 3700	Grant Writing for the Social Sciences	3	<b>Code</b>	<b>Title</b>	<b>Credits</b>
			INST 1050	People, Places, and Global Issues	3
			INST 1051	Introduction to International Relations	3
			INST 1052	Culture and Political Economy	3
			INST 1053	Introduction to Economics	3

or ECON 1011 Introduction to Microeconomics & ECON 1012 and Introduction to Macroeconomics	
Select two electives from the thematic areas	6
Total Credits	18

## International Studies and International Business Electives

Code	Title	Credits
<b>Global Development</b>		
ANTH 1115	Cultures of Africa	3
ANTH 1120	Islamic Societies and Cultures	3
ANTH 2015	Refugees and Culture	3
ANTH 3710	Theory and Practice in Anthropology	3
COMM 2241	Communication and Culture: East and West	3
ECON 3230	Comparative Economic Systems	3
ECON 3231	International Trade	3
ECON 3233	International Economic Policy and Finance	3
ECON 3235	Economic Development	3
ECON 3237	Fair Trade and Microfinance	3
FNCE 3200	Global Capital Markets	3
FNCE 4240	International Financial Management	3
HIST 2284	20th Century Russia	3
HIST 2285	Modern China: 1800 to Present	3
HIST 2289	Modern Latin America, 1800-Present	3
HIST 3366	Gender, Culture, and Representation: Women in China and Japan, 1600 to Present	3
INBU 1054	Contemporary Issues Affecting the Global Business Environment	3
INST 3980	Internship	3
INST 3990	Independent Study	3
ISOM 4310	E-Business Applications	3
MGMT 4350	International Law	3
MGMT 4390	Cross-Cultural Management	3
MKTG 3312	Global Marketing	3
POLI 2253	Latin American Politics	3
POLI 2255	Middle East Politics	3
POLI 2259	The Development Gap	3
POLI 2474	International Environmental Policies	3
POLI 2477	Globalization	3
POLI 4304	Seminar on Global Environmental Politics	3
SOCI 1145	Globalization	3
SOCI 1160	Contemporary Latin American and Caribbean Society	3
SOCI 1165	Social Change in Developing Nations	3
<b>Conflict, Diplomacy, and Peace Building</b>		
AETH 2293	Ethics of War and Peace	3
ANTH 3710	Theory and Practice in Anthropology	3
COMM 2240	Intercultural Communication	3
HIST 2251	The American Century: The United States and the World Since 1900	3

HIST 2265	History of the Indian Subcontinent: Colonialism, Nationalism, and Democracy, c.1857 to Today	3
HIST 2273	History and Culture of Central and Eastern Europe Since 1945	3
HIST 2274	Historical Perspectives on Contemporary Global Crises	3
INST 2471	United Nations Security Council Crisis Simulation	3
INST 3980	Internship	3
INST 3990	Independent Study	3
MGMT 4360	Negotiations and Dispute Resolution	3
PHIL 2263	The Concept of Human Rights	3
POLI 2251	Islam and Muslim Politics	3
POLI 2252	African Politics	3
POLI 2257	Northern Ireland: Politics of War and Peace	3
POLI 2258	Political Violence	3
POLI 2476	United States Foreign Policy	3
POLI 2478	International Law	3
POLI 2479	Threats to Global Security in the 21st Century	3
POLI 4303	Gender, War, and Peace	3
SOCI 1155	Sociology of Europe	3
<b>Humanitarianism and Social Justice</b>		
ANTH 1125	Sex, Gender, and Sexual Orientation	3
ANTH 2100	Culture and Inequality	3
ANTH 3700	Grant Writing for the Social Sciences	3
ANTH 3710	Theory and Practice in Anthropology	3
ECON 2120	Introduction to Environmental Economics	3
HIST 2270	History of Global Humanitarian Action	3
INST 2150	International Operations of Non-Profits	3
INST 2481	International Human Rights	3
INST 3980	Internship	3
INST 3990	Independent Study	3
LCST 3301	Justice and the Developing World	4
MGMT 4370	Managing Non-Profit Organizations	3
MGMT 4385	Managing People for Global Business	3
PHIL 2263	The Concept of Human Rights	3
POLI 1102	Introduction to Comparative Politics	3
POLI 2331	Introduction to Peace and Justice	3
POLI 2472	Politics of Humanitarian Action	3
POLI 2480	Border Politics	3
RLST 2335	Liberation Theology	3
SOCI 1150	Introduction to International Migration	3

## Irish Studies

An opportunity to learn about the intriguing history, politics, literature, and art of Ireland is available to you through a minor in Irish Studies at Fairfield University. Courses focus on the troubled history of the nation, its colonial and postcolonial significance, its difficult politics of Northern Ireland, and the inspired art and literature that emerged from its turbulent past. The program organizes a number of courses previously available in various departments and enhances them with new features. Enthusiasm for this area of study has surged in the last three decades as the Irish



people have sought to resolve long-standing political issues and taken an interesting role in the new global economy. Fairfield, with a significant Irish-American representation among its students and alumni, provides a welcoming environment for Irish Studies. The University hosts a number of lectures, concerts, plays, and readings that complement the academic program and has established a study abroad affiliate with the National University of Ireland, Galway.

## Programs

- Irish Studies Minor (p. 153)

## Courses

### IRST 1111 Introduction to the Irish Language I 3 Credits

**Attributes:** IRSE Irish Studies Elective

This course, the first in a two-course sequence, offers students an introductory level study of the Irish Gaelic language. Irish is the oldest surviving Celtic language, dating to the Roman Empire, and it opens a window to the Gaelic Order prior to 1690, a span of over 15 centuries. This course sequence teaches students the basics of grammar, syntax, speaking and writing in Irish, as well as some of the historical and cultural contexts within which the Irish language developed and to which it is deeply tied. This course does not count for core credit in Modern and Classical Languages. Previously IRI 0110.

### IRST 1112 Introduction to the Irish Language II 3 Credits

**Attributes:** IRSE Irish Studies Elective

**Prerequisite:** IRST 1111.

This course, a continuation of IRST 1111, offers students an introductory level study of the Irish Gaelic language. Irish is the oldest surviving Celtic language, dating to the Roman Empire, and it opens a window to the Gaelic Order prior to 1690, a span of over 15 centuries. This course sequence teaches students the basics of grammar, syntax, speaking and writing in Irish, as well as some of the historical and cultural contexts within which the Irish language developed and to which it is deeply tied. The class may be attended online-only as well. This course does not count for core credit in Modern and Classical Languages. Previously IRI 0111.

## Faculty

### Co-Directors

Abbott (History)

White (Lecturer, English)

### Affiliated Faculty

Abbott (History)

Cassidy (Politics)

Epstein (English)

Feeney (Lecturer, Chemistry)

Pearson (English)

Rose (Art History)

White (Lecturer, English)

Yarrington (Visual and Performing Arts)

### Steering Committee

Abbott (History)

Cassidy (Politics)

Epstein (English)

Feeney (Lecturer, Chemistry)

Fitzpatrick (Ex-officio member)

Pearson (English)

Rose (Art History)

White (English)

## Irish Studies Minor

### Requirements

For a 15-credit minor in Irish Studies, students complete the following:

Code	Title	Credits
Select one of the following:		3
ENGL 1610	Irish Literature <sup>1</sup>	
HIST 2215	Ireland: Middle Ages to the Present <sup>2</sup>	
HIST 3315	Ireland Since the Famine <sup>2</sup>	
Select four additional Irish Studies electives		12
Total Credits		15

<sup>1</sup> Students who choose ENGL 1610 may take up to two additional English courses and must take the remaining two courses in different fields.

<sup>2</sup> Students who choose HIST 2215 or HIST 3315 may take up to three additional courses in English, with the remaining course(s) in a field other than English or history.

### Notes

- Subject to the Irish Studies Program Director's approval, students may apply up to three courses (9 credits) taken at NUI Galway towards their minor in Irish Studies.
- While studying abroad is not required for completion of the Irish Studies minor, students are encouraged to do so.
- Irish Studies courses are offered in a variety of fields and disciplines. Please contact the program director for a course list and descriptions.

## Irish Studies Electives

Code	Title	Credits
AHST 1121	Celtic and Early Irish Art	3
AHST 2221	Arts of Ireland and the British Isles, 500-1000	3
ENGL 1420	Myths and Legends of Ireland and Britain	3
ENGL 1610	Irish Literature	3
ENGL 1620	Irish Women Writers	3
ENGL 3019	James Joyce	3
HIST 2215	Ireland: Middle Ages to the Present	3
HIST 3315	Ireland Since the Famine	3
IRST 1111	Introduction to the Irish Language I	3
IRST 1112	Introduction to the Irish Language II	3
POLI 2257	Northern Ireland: Politics of War and Peace	3

## Student Learning Outcomes

Students minoring in Irish Studies should be able to:

- Express, orally and in writing, the significant connections between literature, history, politics, and art.
- Articulate the complexity of another culture (social, political, religious, economic) using the example of Ireland.
- Explain clearly and in depth the social, political, and religious problems that confronted and still do confront Irish people, including the role of literary and artistic production in the country's troubled history.
- Examine, with fluency, Irish historical documents, poems, works of art, and literary prose, and to analyze them vis a vis their contexts and their meanings for the individual and society.

## Islamic World Studies

There are more than 1.6 billion Muslims worldwide and they are well represented on every inhabited continent. The Islamic World Studies minor at Fairfield University introduces students to this diverse population through a variety of disciplinary perspectives. The minor works toward Fairfield's core objective to form global citizens with broad cultural competency.

### Programs

- Islamic World Studies Minor (p. 154)

### Faculty

#### Director

Nguyen (Religious Studies)

#### Affiliated Faculty

Crawford (Sociology and Anthropology)  
Marsans-Sakly (History)  
Nguyen (Religious Studies)  
Purushotham (History)

## Islamic World Studies Minor

For a 15-credit minor in Islamic World Studies, students complete the following:

Code	Title	Credits
Select five Islamic World Studies elective courses, including:		15
At least one course in the Humanities		
At least one course in the Social Sciences		
Total Credits		15

## Islamic World Studies Electives

Code	Title	Credits
Humanities		
HIST 2265	History of the Indian Subcontinent: Colonialism, Nationalism, and Democracy, c.1857 to Today	3
HIST 2280	The West and the Middle East	3
HIST 2281	Portrait of the Arabs	3
HIST 3371	Arab-Israeli Conflict	3

HIST 3373	History of North Africa Since 1700	3
RLST 1701	Introduction to Islam	3
RLST 2750	Islamic Ethical and Legal Thought	3
RLST 2760	Islam in America	3
RLST 2730	Islamic Theology	3
RLST 2795	Islam, Race, Power	3
Social Sciences		
ANTH 1120	Islamic Societies and Cultures	3
POLI 2251	Islam and Muslim Politics	3
POLI 2255	Middle East Politics	3
POLI 4305	Seminar on the Middle East	3
Arabic		
ARBC 1110	Elementary Modern Standard Arabic I	3
ARBC 1111	Elementary Modern Standard Arabic II	3
ARBC 2210	Intermediate Modern Standard Arabic I	3
ARBC 2211	Intermediate Modern Standard Arabic II	3

#### Notes:

- Study of the Arabic language is *not* required for the minor.
- Only *one* course in Arabic may count towards the minor.
- Students may petition for certain courses to count toward the minor if there is appropriate and sufficient related content. The Director of the Islamic World Studies Minor will evaluate each petition on a case-by-case basis.

## Italian Studies

The Italian Studies Program focuses on a nation and people whose contribution to civilization has been significant. Virtually every area of the arts, humanities, social sciences, natural sciences, and mathematics partakes of that heritage, while Italy continues to influence cultural, political, scientific, and economic trends today.

Italian Studies at Fairfield offers students an opportunity to explore, analyze, and appreciate Italy from the perspectives of a variety of academic disciplines, including language, literature, film, art history, architecture, politics, history, philosophy, religion, science, and business. This interdisciplinary program includes courses offered in Connecticut and at Fairfield University's program in Florence, Italy.

### Programs

- Italian Studies Minor (p. 155)

### Faculty

#### Director

Carolán (Modern Languages and Literatures)

#### Advisory Committee

Díaz (Modern Languages and Literatures)  
Eliasoph, P. (Visual and Performing Arts)

## Italian Studies Minor

To complete a 15-credit minor in Italian Studies, students complete the following:

Code	Title	Credits
Choose five courses in Italian Studies <sup>1</sup>		15
Total Credits		15

<sup>1</sup> At least four of the five required courses must be Italy-focused (dealing exclusively with Italy) or Italian language and literature courses numbered 211 or higher. The fifth course may be another Italy-focused course or it may be an Italy-component course in which at least half of the course material deals with Italy. No more than three of the five courses may be completed in a single discipline.

### Notes

- The language of modern Italy is Italian. In as much as cultural mores and concepts are reflected and communicated in language, students must achieve minimal proficiency in the language to begin to access the richness and complexity of Italy. Hence, all students pursuing the minor must meet this language expectation by successfully completing ITLN 2211 Intermediate Italian II, or by passing a placement test administered by University faculty that verifies competency through the intermediate level. Note: Completion of this requirement is not considered a prerequisite for coursework in the minor. Instead, students are permitted to begin minor coursework during or prior to fulfilling the language requirement.
- While study abroad is not required for completion of the minor, participation in the University's programs in Florence, Italy (fall, spring, or summer sessions) is strongly encouraged.
- Italian Studies courses are offered in a variety of fields and disciplines. A complete list of Italy-focused and Italy-component courses is available from the program director.

## Italian Studies Electives

Code	Title	Credits
AHST 1112	Etruscan and Roman Art and Archaeology	3
AHST 1130	Early Renaissance Art in Italy	3
AHST 1191	Art and Mythologies of Nazi Germany, Fascist Italy, Bolshevik Russia: Comparative Systems & Outcomes	3
HIST 2203	European Society in the Middle Ages	3
HIST 2222	The Roman Revolution	3
HIST 2223	Roman World in Late Antiquity, 284-642 CE	3
ITLN 1110	Elementary Italian I	3
ITLN 1111	Elementary Italian II	3
ITLN 2210	Intermediate Italian I	3
ITLN 2211	Intermediate Italian II	3
ITLN 3219	Italian for Professional Applications	3
ITLN 3220	Topics in Language and Culture	3
ITLN 3222	Made in Italy	3
ITLN 3233	Creative Writing in Italian	3
ITLN 3240	Language of Food in Italian Culture	3
ITLN 3253	Contemporary Italian Culture	3
ITLN 3255	The Novella	3
ITLN 3257	Theatre in Italy: Comedy	3

ITLN 3271/ FTMA 2271	Italian Cinema	3
ITLN 3289	Dante	3
ITLN 3290	Italian American Cinema	3
ITLN 3980	Internship	3
ITLN 3990	Independent Study	3
ITLN 4330	Redefining the Cosmos: Voyages	3
POLI 2250	European Politics and the European Union	3
POLI 2335	Modern Political Ideologies	3
RLST 2443	The Papacy	3

<sup>1</sup> This Italian course is taught in English.

## Judaic Studies

Dating back nearly 4000 years, Judaism is the world's oldest monotheistic faith and the foundation of both Christianity and Islam. Studying Judaism is thus central for understanding the roots of Western Civilization. The Judaic Studies minor at Fairfield University is an interdisciplinary program, primarily based in the Departments of Religious Studies and History. In addition to its undergraduate courses, the Judaic Studies program also presents campus-wide lectures and other special events in cooperation with the University's Carl and Dorothy Bennett Center for Judaic Studies.

### Programs

- Judaic Studies Minor (p. 155)

### Faculty

### Faculty

Behre (History)  
 Bucki (History)  
 Eliasoph, P. (Visual and Performing Arts)  
 Epstein (English)  
 Marsans-Sakly (History)  
 McFadden (History)  
 Rosenfeld (History), *Director*  
 Umansky (Religious Studies)

### Lecturers

Prosnit (Religious Studies)  
 Ostrow (English)  
 Shur (Modern Languages and Literatures)

## Judaic Studies Minor

Students may structure their own course of study in consultation with the program director, but they are expected to gain an understanding of basic Jewish religious beliefs and practices as well as those political, social, and cultural forces that have helped shape the historical experiences of the Jewish people.

For a 15-credit minor in Judaic studies, students complete the following:

Code	Title	Credits
Select five courses in Judaic Studies, including:		15
At least two courses in Religious Studies		
At least one course outside the Department of Religious Studies		
Total Credits		15

Independent study and internships are encouraged and can be substituted for any course (other than the two required Religious Studies courses) with the approval of the program director. Students are also encouraged to apply for spring, summer, fall, or year-long programs in the United States or Israel, especially those offering Hebrew language study. Students receiving credit for such programs and/or Judaic studies courses taken at another university may count up to six Hebrew language credits and three additional credits toward the Judaic Studies minor.

## Judaic Studies Electives

Code	Title	Credits
AHST 1109	Jewish Art: Moses to Modernity	3
AHST 1191	Art and Mythologies of Nazi Germany, Fascist Italy, Bolshevik Russia: Comparative Systems & Outcomes	3
ENGL 1130	Literature of the Holocaust	3
ENGL 3072	All About Eve	3
HEBR 1110	Elementary Hebrew I	3
HEBR 1111	Elementary Hebrew II	3
HEBR 2210	Intermediate Hebrew I	3
HEBR 2211	Intermediate Hebrew II	3
HIST 1112	Germany Between Dictatorship and Democracy	3
HIST 2205	Anti-Semitism: Medieval to Modern	3
HIST 2210	The Third Reich	3
HIST 2214	Modern Jewish History	3
HIST 2242	Immigration, Race, and Ethnicity in U.S. History	3
HIST 2284	20th Century Russia	3
HIST 3304	The Holocaust in History and Memory	3
HIST 3371	Arab-Israeli Conflict	3
RLST 1101	Introduction to Judaism	3
RLST 1111	History of the Jewish Experience	3
RLST 1201	Hebrew Bible/Old Testament	3
RLST 2205	Women in the Bible	3
RLST 2209	Jewish Interpretations of Scriptures	3
RLST 2113	Jews and Judaism in America	3
RLST 2115	Women in Judaism	3
RLST 2118	Faith After the Holocaust	3
RLST 2120	Modern Jewish Theology	3
RLST 2150	Second Temple Judaism and the Dead Sea Scrolls	3

## Latin American and Caribbean Studies

Fairfield University's commitment to a humanistic perspective and to the concept of social justice requires that students be introduced to the

'other' Americans who inhabit this hemisphere. The vibrant cultures of the Caribbean and Central and South American nations, blending indigenous, European and African influences, provide a rich field of study that can be approached from many points of view.

The Program in Latin American and Caribbean Studies (LACS) offers students an interdisciplinary approach to the study of the multifaceted aspects of the Latin American and Caribbean countries, including the political and economic involvement of the United States. The pre-Columbian indigenous cultures, the systems of African slavery, economic dependency, 20th-century revolutions in politics, poetry, painting, literature, the churches, and the reassertion of negritude and Indian rights are some of the themes considered in the courses offered in the program.

## Programs

- Latin American and Caribbean Studies Minor (p. 157)

## Courses

### LCST 3301 Justice and the Developing World 4 Credits

**Attributes:** EDCG Educational Studies Cognate, HASM Humanitarian Action Minor Skills/Method Course, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective, PJST Peace and Justice Studies, WDIV World Diversity  
This interdisciplinary course combines the insights of history, politics, philosophy, anthropology, sociology, business, and economics to examine problems of poverty and justice in the developing world, including health, education, and environmental sustainability, with particular focus either on Central or South America, or the Caribbean. Significant to the course is a one-week immersion in one country, which is not required but strongly encouraged. Students plan and carry out a research project asking the critical questions and using the research methodologies of their academic major or minor. The immersion trip provides students with an intensive field research opportunity, the findings from which they incorporate into their papers. Previously LAC 0300.

### LCST 3980 Internship 3 Credits

**Attributes:** LCEL LACS Minor: Elective  
Short-term internships in the field of Latin American and Caribbean Studies combine academic work with service that answers a community-identified need, and critical reflection. Such internships are offered in a Latin American or Caribbean country generally during the summer for a four- to six-week period. Enrollment by permission only. Previously LAC 0373.

### LCST 3990 Independent Study 1-4 Credits

**Attributes:** LCEL LACS Minor: Elective  
**Prerequisites:** At least one course in LACS; junior standing.  
A student may conduct a one-semester independent study on a defined research topic or field of study under the supervision of a Professor in the LACS Program. Enrollment by permission only. Previously LAC 0399.

## Faculty

## Co-Directors

Alicea-Planas (Nursing)  
Garcia Iommi (Politics)

## Steering Committee

Adair (History)  
Farrell (Modern Languages and Literatures)  
Franceschi (Economics)  
Jones (Sociology and Anthropology)  
Marsans-Sakly (History)  
Walker (Biology)

## Contributing Faculty

Campos (Modern Languages and Literatures)  
Garvey (English)

## Latin American and Caribbean Studies Minor

The Latin American and Caribbean Studies minor, an interdisciplinary program, offers students an opportunity to develop a focus on this multifaceted area of the world.

To earn a 15-credit Latin American and Caribbean Studies minor, students complete the following:

Code	Title	Credits
Select four elective courses in Latin American and Caribbean Studies <sup>1</sup>		12
<b>Capstone Seminar</b>		
Select one of the following: <sup>2</sup>		3
LCST 3301	Justice and the Developing World	
LCST 3980	Internship	
LCST 3990	Independent Study	
Total Credits		15

<sup>1</sup> These four courses, from a range of fifteen disciplines (no more than three from any one discipline), must be exclusively or substantially concerned with Latin American and/or the Caribbean.

<sup>2</sup> The capstone seminar is required of all minors in their junior or senior year.

## Language Proficiency

Students must demonstrate proficiency in French, Portuguese, or Spanish. Students may demonstrate language proficiency when they pass FREN 2211, PORT 2211, or SPAN 2211.

## Language Electives

Students may count three courses of Spanish or French culture and literature to count among their four elective courses. Students may count one Portuguese course with the approval of their advisor.

## Study Abroad

Students are strongly advised to apply for a junior semester or year abroad in a country of Latin America or the Caribbean from a wide range of programs. Summer programs are also available. Students are particularly encouraged to study in Nicaragua through our partner, Universidad Centroamericana-Managua. Other approved country programs include Argentina, Brazil, Chile, Costa Rica, Dominican Republic, Ecuador, Mexico, Panama, and Peru. Summer programs and short-term immersions are available too. Short-term courses led by Fairfield

University faculty members include courses in Brazil, Cuba, Guatemala, and Nicaragua.

Students are also encouraged to pursue an internship in a Latin American or Caribbean country (see LCST 3980). Funding assistance for internships and research abroad is available through inquiry with the LACS Program Directors.

Note: While the majority of courses taken abroad should count towards a LACS minor, in some cases, based on content, a study abroad course may not be awarded credit towards the LACS minor.

Students may count courses taken for the Latin American and Caribbean studies minor toward their core curriculum or major program requirements.

## Latin American and Caribbean Studies Electives

Code	Title	Credits
AHST 1103	Art of Africa, the Caribbean, and the Americas	3
BIOL 3319	Zoology Field Experience <sup>1</sup>	3
ECON 2112	Economic Aspects of Current Social Problems <sup>1</sup>	3
ECON 2120	Introduction to Environmental Economics	3
ECON 3230	Comparative Economic Systems <sup>1</sup>	3
ECON 3235	Economic Development <sup>1</sup>	3
ENGL 1140	Caribbean Literature: History, Culture, and Identity	3
ENGL 1230	Ethnic American Literature	3
ENGL 2082	Latinx Literature	3
ENGL 3075	Caribbean Women Writers	3
FREN 2211	Intermediate French II	3
HIST 2288	Colonial Latin America, 1492-1800	3
HIST 2289	Modern Latin America, 1800-Present	3
HIST 2297	Power, Politics, History: U.S.-Latin American Relations from the 1800s to the Present	3
HIST 3383	Food, Consumption, and Commodities in Latin America, 1500 to the Present: From Chocolate to Cocaine <sup>1</sup>	3
MUSC 1122	World Music History and Ensemble <sup>1</sup>	3
NURS 4330	Population Health <sup>1</sup>	4
POLI 2253	Latin American Politics	3
PORT 1111	Elementary Brazilian Portuguese II	3
PORT 2210	Intermediate Brazilian Portuguese I	3
PORT 2211	Intermediate Brazilian Portuguese II	3
PUBH 2240	Introduction to Global Public Health	3
RLST 2335	Liberation Theology	3
SOCI 1150	Introduction to International Migration <sup>1</sup>	3
SOCI 1160	Contemporary Latin American and Caribbean Society	3
SOCI 1165	Social Change in Developing Nations <sup>1</sup>	3
SPAN 2211	Intermediate Spanish II	3
SPAN 2220	Topics in Language and Culture <sup>1</sup>	3
SPAN 3231B	Career-Oriented Spanish for Business	3



SPAN 3231N	Career-Oriented Spanish for Nursing and Health Studies	3
SPAN 3245	Analysis and Interpretation of Hispanic Literature	3
SPAN 3253	Spanish-American Civilization	3
SPAN 3271	Hispanic Film	3
SPAN 4305	Popular Culture in Latin America	3
SPAN 4306	Cuban Film: A Close Look at the Revolution	3
SPAN 4353	Spanish-American Narrative	3
SPAN 4359	Culture, Civilization, and Literature in the Spanish-American Caribbean Region	3
SPAN 4360	Dictatorships and Revolutionary Movements in Contemporary Latin America	3
SPAN 4371	Images of Latin American Indians	3
SPAN 4999	Capstone Seminar <sup>1</sup>	3

<sup>1</sup> This course is instructor dependent. Not all sections may be suitable for LACS program credit.

## Liberal and Professional Studies

The Liberal and Professional Studies program offers both traditional and online courses for part time and full time students looking for flexibility and convenience from a comprehensive university. Advisor-guided emphasis on courses in particular fields allows students to design their programs to meet professional or personal goals for the degree. A student may earn a Bachelor of Arts by emphasizing courses from the humanities and/or social and behavioral sciences, or a Bachelor of Science by emphasizing courses from mathematics and science and/or professional programs.

This degree is designed for:

- Adults who are returning to college to complete their bachelor's degree.
- Community college students seeking to earn their bachelor's degree.
- Working professionals seeking a career change or advancement.

The program facilitates individualized educational plans to help students achieve their goals. Advisors work with students to help them map out a baccalaureate curriculum. Previous experience is evaluated: up to 75 credits may be transferred in from a combination of accredited colleges and universities coursework as well as CLEP exams and/or portfolio credits for life/work experience. Liberal and Professional Studies offers classes in online formats as well as accelerated and traditional programs.

## College Equivalency Exams

Credit may be granted for specific college-level learning gained through self-education or non-collegiate-sponsored instruction. Fairfield University is a participating institution in accepting approved CLEP (College Level Examination Program) examinations for credit. This standardized examination program is designed to let students demonstrate proficiency in various college-level subjects. An advisor should be consulted about applicable examinations prior to taking any CLEP exams. A maximum of 15 credits can be earned through CLEP exams.

## Portfolio Credit for Life Experience Learning

Matriculated students may choose the portfolio assessment process as a means of receiving credit for non-collegiate sponsored learning or life experience for which there is no CLEP examination. An evaluation process of the documented learning is necessary. Portfolios must be submitted one semester prior to the anticipated graduation date. Contact the Liberal and Professional Studies director for complete information.

### Program

## Degree Requirements

Complete a minimum total of 120 credits with a GPA of 2.00 or better. At least 45 of those credits must be taken at Fairfield University, including:

- Meeting the requirements of the Magis Core Curriculum
- Completion of LBPS 4999 Senior Project

Completing nine upper-level courses. Students will work with a faculty advisor to customize their curriculum to best serve their academic interests. No more than four courses can be taken in any one subject.

## Liberal and Professional Studies Requirements for the Magis Core Curriculum

Students beginning their Liberal and Professional Studies major in the fall of 2019 or later follow the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

### Courses

#### LBPS 4999 Senior Project

**3 or 4 Credits**

This course, required for all students earning a BA or BS degree in Liberal and Professional Studies, is typically taken during the final semester. The course synthesizes and integrates students' multidisciplinary studies. Students complete a project or thesis under the direction of a faculty member after first discussing the proposed project with an academic advisor and the faculty member. The course requires a written paper reflecting the various disciplines studied. Previously GS 0399.

## Mathematics

The mission of the Mathematics Program at Fairfield University is two-fold:

We strive, as mentors and teachers, to graduate majors with broad knowledge of the principal content of Mathematics and its applications, who are aware of the historical and, when appropriate, cross-cultural development of Mathematics and the manifold connections among its subject areas, who have seen some of the connections of Mathematics to other disciplines, and who can think quantitatively and analytically. We want our majors to possess technical problem-solving skills, to have a deep appreciation for mathematical beauty and the power of abstraction, and to be able to understand and build complex logical arguments and communicate these arguments through written, visual, and oral means.

We strive to serve the mission of the Fairfield University Core by ensuring that the student body possesses the ability to reason quantitatively and analytically, and understands not only the power of Mathematics (and

especially the calculus) as the language of the sciences, but also the pervasive role of Mathematics in the arts, sciences, and other disciplines.

## Mathematics in the Major: Learning Goals and Objectives

We would like mathematics majors to come away with the following:

1. Knowledge of:
  - a. The fundamental concepts underlying the major areas of undergraduate Mathematics, including calculus, discrete mathematics, real analysis, linear algebra, and abstract algebra
  - b. Applications of Mathematics to other disciplines
  - c. Mathematical content and skills needed to support graduate study and/or professions that require mathematical proficiency
2. Awareness of:
  - a. The beauty and power of Mathematics
  - b. Connections between different fields of Mathematics
  - c. The historical development of Mathematics across cultures
3. Ability to:
  - a. Think quantitatively, analytically, and abstractly
  - b. Understand and create logical arguments and proofs
  - c. Read mathematics with comprehension
  - d. Write and communicate mathematics clearly and effectively
  - e. Demonstrate proficiency in symbolic representation and manipulation
  - f. Use technology as a tool to solve problems
4. Effectively Model Situations Mathematically and Abstractly
  - a. Translate word descriptions and real situations into mathematical language, recognizing unknown quantities and relationships, and identifying tools to help solve the problem
  - b. Understand how mathematics describes problems in the real world and a wide variety of disciplines
5. Communicate in the Language of Mathematics
  - a. Express ideas precisely, rigorously, abstractly and generally
  - b. Communicate and demonstrate an understanding of mathematical concepts through projects, reports, problem sets and presentations

For the student of the humanities, the social sciences, or business, mathematics at Fairfield University offers training in basic mathematical skills and their application to real world problems. However, more importantly, it attempts to make the student aware of the relationships between mathematics and other branches of knowledge, while imparting a sense of its historical and cultural value.

The mathematics major offers students a strong and broad background in undergraduate mathematics, providing the foundation for further graduate studies in theoretical or applied fields of mathematics, for advanced study in fields where strong quantitative skills are needed, or for employment in mathematics-related fields in industry or in teaching. The mathematics minor offers students an opportunity to strengthen their mathematical backgrounds.

## Mathematics in the Magis Core Curriculum: Learning Objectives

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

1. Develop a Depth of Understanding of Mathematical Concepts, Context and Theories
  - a. Understand sophisticated mathematical ideas when expressed abstractly and generally
  - b. Critically analyze mathematical statements, arguments and solutions for correctness
  - c. Be aware of the development and impact of mathematics in the context of human progress
2. Engage in Sophisticated Mathematical Problem Solving

## Programs

- Mathematics Major (p. 163)
- Mathematics Minor (p. 164)

## Courses

### MATH 1011 Precalculus 3 Credits

Topics in this course include: algebra; linear, rational, exponential, logarithmic and trigonometric functions from a descriptive, algebraic, numerical and graphical point of view; limits and continuity. Primary emphasis is on techniques needed for calculus. This course does not count toward the mathematics core requirement, and is meant to be taken only by students who are required to take MATH 1121, MATH 1141, or MATH 1171 for their majors, but who do not have a strong enough mathematics background. Previously MA 0011.

### MATH 1015 Mathematics: An Exploration 3 Credits

This course introduces various ideas in mathematics at an elementary level. It is meant for the student who would like to fulfill a core mathematics requirement, but who does not need to take mathematics for their major. Topics will vary, depending upon the instructor, but in general will include topics of both historical and current interest. Previously MA 0015.

### MATH 1016 Concepts of Calculus 3 Credits

This course introduces differentiation and integration, and shows how these ideas are related. The course illustrates how important and interesting applied questions, when expressed in the language of mathematical functions, turn out to be questions about derivatives and integrals and, thus, can be solved using calculus. The basic concepts of calculus are numerically, algebraically, and geometrically investigated, using graphing technology to illustrate many of the underlying geometrical ideas. This is a terminal core course and is not a prerequisite for any other course. Please note that MATH 1011 is not an appropriate course to take before taking this course. Previously MA 0016.

**MATH 1017 Elementary Probability and Statistics****3 Credits**

This introduction to the theory of statistics includes measures of central tendency, variance, Chebyshev's theorem, probability theory, binomial distribution, normal distribution, the central limit theorem, and estimating population means for large samples. Students who have received credit for any higher-level mathematics course may not take this course for credit without the permission of the department chair. Previously MA 0017.

**MATH 1121 Applied Calculus I****3 Credits**

**Prerequisite:** Precalculus.

Topics in this course include: foundations of the calculus, differentiation of algebraic, exponential and logarithmic functions, extrema and curve sketching, applications of derivatives, antiderivatives, the Fundamental Theorem of Calculus, and integration of algebraic functions. A graphing calculator and Wolfram Alpha are among the technologies that may be used. Students who received credit for MATH 1141 or MATH 1171 may not take this course for credit. Previously MA 0119.

**MATH 1122 Applied Calculus II****3 Credits**

**Prerequisite:** MATH 1121.

Topics in this course include: applications of the derivative, including implicit differentiation, related rates and linear approximation; integration of algebraic, transcendental and trigonometric functions; differentiation of trigonometric functions; techniques of integration; applications of the definite integral; infinite series. A graphing calculator and Wolfram Alpha are among the technologies that may be used. Students who receive credit for MATH 1142 or MATH 1172 may not receive credit for this course. Previously MA 0120.

**MATH 1141 Calculus I for Chemistry, Engineering, and Physics Majors****4 Credits**

**Prerequisite:** Precalculus.

This course covers analytic geometry, continuous functions, derivatives of algebraic and trigonometric functions, product and chain rules, implicit functions, extrema and curve sketching, indefinite and definite integrals, applications of derivatives and integrals, exponential, logarithmic and inverse trig functions, hyperbolic trig functions, and their derivatives and integrals. It is recommended that students not enroll in this course unless they have a solid background in high school algebra and precalculus. Previously MA 0145.

**MATH 1142 Calculus II for Chemistry, Engineering, and Physics Majors****4 Credits**

**Prerequisite:** MATH 1141 or MATH 1171.

This course covers applications of the integral to area, arc length, and volumes of revolution; integration by substitution and by parts; indeterminate forms and improper integrals; Infinite sequences and infinite series, tests for convergence, power series, and Taylor series; geometry in three-space. Previously MA 0146.

**MATH 1171 Calculus I****4 Credits**

**Prerequisite:** Precalculus.

This is our most rigorous first-year calculus sequence. However, students are not expected to have had calculus before taking this course. Topics include functions; limits (including the epsilon-delta definition), continuity, and derivatives; trigonometric functions and their derivatives; applications; relative and absolute extrema, and curve sketching; related rates; Rolle's Theorem and the mean value theorem; antiderivatives, definite integrals and area, and the fundamental theorem of calculus. It is recommended that students not enroll in this course unless they have a solid background in high school algebra and precalculus. Students who have received credit for MATH 1121 or MATH 1141 may not take this course for credit. Previously MA 0171.

**MATH 1172 Calculus II****4 Credits**

**Prerequisite:** MATH 1141 or MATH 1171.

Topics include integration by substitution and by parts; areas between curves; volumes of revolution; inverse functions; logarithms and exponential functions; inverse trigonometric functions; indeterminate forms and l'Hospital's rule; improper integrals; and infinite sequences and series, including convergence tests, absolute and conditional convergence, power series, and Taylor series. Students who have received credit for MATH 1122 or MATH 1142 may not take this course for credit. Previously MA 0172.

**MATH 2211 Applied Matrix Theory****3 Credits**

Students majoring in the sciences, economics, and business learn the basic techniques and applications of linear algebra, including solving linear systems of equations, determinants, linear geometry, eigenvalues, and eigenvectors. Closed to mathematics majors. Students may not receive credit for both MATH 2211 and MATH 2235. Previously MA 0211.

**MATH 2217 Statistics I****3 Credits**

**Attributes:** EVAP Environmental Studies: Applied Professional Skills

**Prerequisite:** MATH 1121 or MATH 1122 or MATH 1141 or MATH 1142 or MATH 1171 or MATH 1172.

This introductory, calculus-based statistics course focuses on applications in business, statistics, and everyday events. Topics include descriptive statistics including mean, median, mode, standard deviation, histograms, distributions, box plots, and scatter plots; probability theory including counting rules, random variables, probability distributions, expected values, binomial and normal distributions, and the central limit theorem; inferential statistics including point estimates, confidence intervals, and hypothesis testing; and regression theory. Students learn to analyze data with the aid of common software packages. Mathematics majors may not take this course as a mathematics elective. Students who have received credit for MATH 3317 or MATH 3352 may not take this course for credit. Previously MA 0217.

**MATH 2223 Applied Calculus III****3 Credits**

**Prerequisite:** MATH 1122 or MATH 1142 or MATH 1172.

This course covers first order differential equations, vectors in 2-D and 3-D, partial differentiation and multiple integrals. This is the third course in the three-course sequence MATH 1121, MATH 1122, MATH 2223. Previously MA 0221.

**MATH 2231 Discrete Mathematics****3 Credits**

Topics in this course include logic, sets, functions, equivalence relations and partitions, mathematical induction, and countability. Previously MA 0231.

**MATH 2235 Linear Algebra****3 Credits**

**Prerequisite:** MATH 2231.

Students examine linear spaces and subspaces, linear independence and dependence, bases and dimension, linear operators, matrix theory, determinants and systems of linear equations, eigenvalues and eigenvectors. Students may not receive credit for both MATH 2211 and MATH 2235. Previously MA 0235.

**MATH 2243 Calculus III for Chemistry, Engineering, and Physics Majors****4 Credits**

**Prerequisite:** MATH 1142 or MATH 1172.

Topics include partial differentiation; chain rule, exact differentials, maxima and minima; multiple integration; application to volumes, center of gravity; and polar, cylindrical, and spherical coordinates; vector arithmetic and algebra, dot and cross products, parametric equations, lines and planes; gradient, directional derivative, curl, divergence; line integrals, work, Green's theorem, surface integrals; Stokes's and divergence theorems. Previously MA 0245.

**MATH 2251 Ordinary Differential Equations****3 Credits****Prerequisite:** MATH 2223 or MATH 2243 or MATH 2273.

This course presents the solution of first order differential equations and of higher order linear differential equations, power series solutions, Laplace transforms, and a multitude of applications. Mathematics majors may not take this course as a mathematics elective. Students who have received credit for MATH 3331 may not take this course for credit. Previously MA 0251.

**MATH 2273 Multivariable Calculus****4 Credits****Prerequisite:** MATH 1142 or MATH 1172.

Topics in this course include vectors in the plane and in three-space; equations of lines and planes; vector functions; arc length; functions of several variables, limits, continuity, differentiability and partial derivatives, the gradient, directional derivatives; tangent planes; relative and absolute extrema; multiple integration in cartesian, cylindrical, and spherical coordinates; vector fields; line integrals; Green's theorem. Previously MA 0273.

**MATH 3301 Topics in Discrete Mathematics****3 Credits****Prerequisite:** MATH 2231.

Topics include basic combinatorics (permutations, combinations, counting complicated sets, binomial coefficients), elementary number theory (divisors, Euclid's algorithm, modular arithmetic), and elementary graph theory (connectivity, circuits, cycles, planar graphs, graph isomorphisms). Previously MA 0300.

**MATH 3317 Applied Statistics I****3 Credits****Prerequisite:** MATH 2243 or MATH 2273.

This course introduces students to applied statistical methods used in the physical sciences, social sciences and business. Topics include probability, descriptive and exploratory statistics using analytic and graphical tools, basic statistical testing (sampling techniques, theory of estimation and standard hypothesis tests), regression analysis (simple linear regression, multivariate regression, and model building, as time permits), correlation techniques, and analysis of variance and factorial designs, if time permits. Students will be required to bring a laptop to class, and a statistical software package such as R, SPSS, or Minitab, will be used extensively, though no prior experience will be assumed. Students who have received credit for MATH 2217 may not receive credit for this course. Previously MA 0317.

**MATH 3331 Applied Mathematics****3 Credits****Prerequisites:** MATH 2235, MATH 2273.

This course covers the theory and solution of ordinary differential equations: first-order equations, linear equations of arbitrary order, and linear systems; power series solutions; Laplace transforms; and existence and uniqueness of solutions. Students who have received credit for MATH 2251 may not take this course for credit. Previously MA 0331.

**MATH 3332 Partial Differential Equations****3 Credits****Prerequisites:** MATH 2243 or MATH 2273; MATH 2251 or MATH 3331.

Topics in this course include first order PDEs and the method of characteristics; separation of variables for linear homogeneous PDEs; eigenvalue problems; Fourier series; solution of the 1-D heat equation, the 1-D wave equation, and the 2-D Laplace equation, both homogeneous and non-homogeneous; and Fourier transforms. Previously MA 0332.

**MATH 3336 Abstract Algebra****3 Credits****Prerequisites:** MATH 2231, MATH 2235.

Students will study group theory, rings and ideals, integral domains, and fields. Previously MA 0334.

**MATH 3337 Number Theory****3 Credits****Attributes:** EDCG Educational Studies Cognate**Prerequisite:** MATH 2231.

This study of the integers includes but is not limited to: primes and their distribution, divisibility and congruences, quadratic reciprocity, special numerical functions such as Euler's one-function, and Diophantine equations. Students consider the influence number theory has had on the development of algebra and the interplay between the two. Previously MA 0337.

**MATH 3342 Theory of Computation****3 Credits****Prerequisite:** MATH 2231.

This course explores what computers can and can't do, although it does not require any background in computer science or programming. Topics include finite state machines, push-down automata, Turing machines and recursive functions; mechanisms for formal languages, such as regular grammars, context-free grammars, context-sensitive grammars; and decidable versus undecidable problems. Previously MA 0342.

**MATH 3351 Probability Theory****3 Credits****Attributes:** EDCG Educational Studies Cognate**Prerequisites:** MATH 2231 or CPEG 2245; MATH 2243 or MATH 2273.

Topics in this course include counting techniques; axiomatic probability theory; discrete and continuous sample spaces; random variables, cumulative distribution functions, probability density and mass functions; joint distributions; expected value and moments; common distributions like the normal, binomial, and Poisson distributions; and limit laws. Previously MA 0351.

**MATH 3352 Mathematical Statistics****3 Credits****Attributes:** EDCG Educational Studies Cognate**Prerequisite:** MATH 3351.

This course covers transformations of random variables; statistical application of probability; theory of sampling and the Central Limit Theorem; variances of sums and averages; estimation and hypothesis testing; and least squares, curve-fitting, and regression. Previously MA 0352.

**MATH 3354 Actuarial Problem Solving****1 Credit****Prerequisite:** MATH 3352 (may be taken concurrently).

This course explores the methods and techniques of solving problems in actuarial mathematics for students interested in the actuary field. This course covers, via student led problem sessions and lectures, the tools for quantitatively assessing risk as presented on Society of Actuaries Exam P. Previously MA 0354.

**MATH 3361 Topics in Algebra****3 Credits****Prerequisite:** MATH 3336.

This course investigates three topics in greater depth than can be done in the first linear or abstract algebra course. Topics may include canonical forms for matrices, metric linear algebra, ideal theory, finite non-abelian groups, and Galois Theory. The course typically includes one linear and one abstract algebra topic. Previously MA 0361.

**MATH 3371 Real Analysis****3 Credits****Prerequisites:** MATH 2231, MATH 2273.

This course examines the set of real numbers as a complete, ordered, archimedean field;  $\mathbb{R}$  as a linear vector space equipped with inner product and norm; metrics, particularly Euclidean, on  $\mathbb{R}$ , topological concepts: continuity, connectedness, and compactness; the intermediate value, extreme value, monotone convergence, Bolzano/Weierstrass and Heine/Borel theorems; convergence and uniform convergence of sequences of continuous functions; differentiation. Previously MA 0371.



**MATH 3373 Complex Analysis****3 Credits****Prerequisites:** MATH 2231, MATH 2273.

Topics in this course include algebra of complex numbers, Cauchy-Riemann equations and analytic functions, complex differentiation, integration in the complex plane, Cauchy's Theorem and integral formula, conformal mapping, Laurent series and residue theory, and applications. Previously MA 0373.

**MATH 3377 Numerical Analysis****3 Credits****Prerequisites:** MATH 1172, MATH 2235, proficiency in a computer language.

This course investigates computer arithmetic, round-off errors, the solution of nonlinear equations, polynomial approximation, numerical differentiation and integration, and the solution of systems of linear equations via student-written code to implement the algorithms and/or the use of available software. Previously MA 0377.

**MATH 3383 Modern Geometry****3 Credits****Attributes:** EDCG Educational Studies Cognate**Prerequisites:** MATH 2231, MATH 2235.

Topics in this course include: foundation for plane geometries; theorems of Menelaus, Ceva, Desargues, Pascal, Brianchon, and Feuerbach; inversion and reciprocation transformations; projective, Riemannian and Lobachevskian geometries; and Poincaré models. Previously MA 0383.

**MATH 3385 Point Set Topology****3 Credits****Prerequisite:** MATH 3371.

This course considers topological spaces, continuous functions; product, metric, and quotient spaces; countability and separation axioms; existence and extension of continuous functions; compactification; metrization theorems and complete metric spaces. Previously MA 0385.

**MATH 4391 Honors Seminar I****3 Credits**

This course is open to senior mathematics majors with a mathematics GPA of 3.5 or higher and invited junior and senior mathematics majors with demonstrated ability who have been recommended by the mathematics faculty. This seminar provides talented students with an opportunity to undertake individualized study under faculty direction. Participants present several lectures before a group of peers. The seminar's subject matter varies each semester. Previously MA 0390.

**MATH 4392 Honors Seminar II****3 Credits**

This course is open to senior mathematics majors with a mathematics GPA of 3.5 or higher and invited junior and senior mathematics majors with demonstrated ability who have been recommended by the mathematics faculty. This seminar provides talented students with an opportunity to undertake individualized study under faculty direction. Participants present several lectures before a group of peers. The seminar's subject matter varies each semester. Previously MA 0391.

**MATH 4900 Special Topics (Shell)****3 Credits****Prerequisites:** MATH 2231, additional mathematics courses depending on the topic.

Mathematical topics not currently among the department's offerings can be offered one-time or to allow a professor the opportunity to 'test drive' a course for the first time. Previously MA 0395.

**MATH 4980 Internship****1-3 Credits****Prerequisite:** Senior standing.

The internship program provides senior mathematics majors with opportunities to gain practical, career-related experience in a variety of supervised field settings. Student interns select from a variety of placements, especially those requiring applications of mathematics, numerical methods, and statistics. Interns spend a minimum of 10 hours per week working at the placement site and complete the required academic component specified by their faculty advisor. Internship credits vary; interns may register for a summer session and/or one or two semesters for an overall maximum of six credits. In addition, an internship must satisfy the requirements outlined in the University Internship Policy, which is available from the Career Center. An internship may not take the place of a mathematics elective. Enrollment by permission only. Previously MA 0397-0398.

**MATH 4990 Independent Study****1-3 Credits**

Independent study provides students with the opportunity to examine areas not covered in the undergraduate curriculum. Under the guidance of a faculty member, advanced students learn about an area in mathematics through reading and research. Independent study includes written work in the form of exercises or papers. Students apply to a professor under whose direction they wish to study and obtain the approval of the department chair. This course may not replace a mathematics elective to fulfill the requirements for the major unless special permission is given by the department chair. Previously MA 0399.

## Faculty

### Professors

Demers  
Fine, B.  
Mulvey, *chair*  
Sawin  
Staecker  
Weiss

### Associate Professors

Baginski  
McSweeney  
Rafalski  
Striuli

### Assistant Professors

Barba (Visiting)  
Berikkyzy  
Casement  
Hooda (Visiting)  
Lemay (Visiting)  
Zhang, L.

### Lecturers

Anderson, A.  
Bohan, M.  
Carbone  
Cron  
Cunningham  
Danaher  
Dee  
DiCenso



Giegengack  
Grant  
Kaminski  
Powers  
Shanazu  
Whiteman

## Professors Emeriti

Coleman  
Dennin  
O'Neill

## Mathematics Major

### Requirements

For a 51-credit major in mathematics, students complete the following:

Code	Title	Credits
CPSC 1101	Introduction to Computing <sup>1</sup>	3
MATH 1171	Calculus I	4
MATH 1172	Calculus II	4
MATH 2231	Discrete Mathematics	3
MATH 2235	Linear Algebra	3
MATH 2273	Multivariable Calculus	4
MATH 3336	Abstract Algebra	3
MATH 3371	Real Analysis	3
Select six 3000-level mathematics electives		18
Select two semesters of a laboratory science <sup>2</sup>		6
Mathematics Capstone <sup>3</sup>		
Total Credits		51

<sup>1</sup> An equivalent course may be substituted. Students who can demonstrate proficiency in a computer programming language can have this requirement waived by the department chair.

<sup>2</sup> Although physics is the usual science taken by majors in mathematics, another laboratory science may be substituted with permission of the chair.

<sup>3</sup> All mathematics majors must complete a two-part Capstone Experience consisting of completion of the Senior Comprehensive Exam in Mathematics in the spring of their senior year and attendance at five or more Mathematics Department Colloquia (or equivalent) in their junior and senior years. Results are noted on the transcript as follows: Senior Comprehensive Exam in Mathematics "Passed with Distinction" or "Passed" or "Failed"; Capstone Experience in Mathematics: "Completed" or "Not Completed."

Students who wish to double major in mathematics and another area are encouraged to meet with the chairs of the respective departments so that appropriate modifications to the requirements can be made to allow these students to graduate in four years. Popular double majors with mathematics include computer science, economics, and physics.

Mathematics majors are required to have a graphing calculator at least as powerful as a TI-84.

## Honors Seminar

Students who take the MATH 4391 or MATH 4392 Honors Seminar receive three credits for one of their mathematics electives upon completion of one semester of MATH 4391 or MATH 4392. Students who complete both MATH 4391 and MATH 4392 earn six credits: the first semester counts as a 3-credit mathematics elective, while the second counts as a 3-credit free elective.

## Students Interested in Teaching Mathematics in High School or Middle School

Students planning a career in secondary education should consult with the department chair, and with the Graduate School of Education and Allied Professions, as early as possible. Consult the catalog section for the Program in Education (p. 103) for information concerning requirements for the Five-Year Integrated Bachelor's and Master's Degree program in Secondary Education with Initial 7-12 Certification.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

### Plan of Study

The curriculum given below represents a typical option for completing the major in mathematics.

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CPSC 1101	Introduction to Computing	3
MATH 1171	Calculus I	4
Other Courses		9
Credits		16
<b>Spring</b>		
MATH 1172	Calculus II	4
Other Courses		12
Credits		16
<b>Second Year</b>		
<b>Fall</b>		
MATH 2231	Discrete Mathematics	3
MATH 2273	Multivariable Calculus	4
Other Courses		9
Credits		16
<b>Spring</b>		
MATH 2235	Linear Algebra	3
Math Elective		3
Other Courses		9
Credits		15
<b>Third Year</b>		
<b>Fall</b>		
MATH 3336	Abstract Algebra	3

MATH 3371	Real Analysis	3
Laboratory Science		4
Other Courses		6
Credits		16
<b>Spring</b>		
Math Electives		6
Laboratory Science		4
Other Courses		6
Credits		16
<b>Fourth Year</b>		
<b>Fall</b>		
Math Electives		6
Other Courses		9
Credits		15
<b>Spring</b>		
Math Elective		3
Other Courses		9
Mathematics Comprehensive Exam		0
Credits		12
Total Credits		122

## Mathematics Minor

For a 15- to 17-credit minor in mathematics, students complete the following:

Code	Title	Credits
Select a two-course 1000-level calculus sequence		6-8
Select three mathematics courses 2000-level or higher <sup>1</sup>		9
Total Credits		15-17

<sup>1</sup> No more than one of the following may be accepted as one of the three upper-level mathematics courses: ECON 3290, ECON 4380, or MEEG 4325.

The specific selection of courses must have the approval of the chair of the Department of Mathematics. A student may place out of one or both calculus courses, depending on his or her high school calculus background. While the student does not earn credit for these courses, they will still count toward the minor.

## Modern Languages and Literatures

The study of modern foreign languages, as well as cultures and literatures in their original languages, is an intellectual experience that offers students another point of view on life. Knowledge of a language other than English frees students from the restraints of seeing but one reality, and the new perspectives gained from understanding the expression of another people are the essence of a liberal education.

The Department of Modern Languages and Literatures stresses proficiency in all language skills to prepare students for careers in business, communication, education, government, health sciences, social work, and related professions.

The department offers instruction in the following languages: Chinese, French, German, Hebrew, Italian, Portuguese, Russian, and Spanish.

Currently, majors and minors are available in French, German, Italian, and Spanish, and an individually-designed major is possible in Chinese.

In addition to its own programs, the Department of Modern Languages and Literatures participates in the International Studies program and the minor programs in Asian Studies, Italian Studies, Judaic Studies, Latin American and Caribbean Studies, Russian, East European, and Central Asian Studies, Peace and Justice Studies, and Women, Gender, and Sexuality Studies.

Selected language courses may count toward those programs. A limited number of courses taught in English may count toward specific majors and minors. Courses offered by other departments may count as well. Please consult the individual directors of the French, German, Italian and Spanish sections for a list of any relevant courses from outside the department not already listed in this section of the *Catalog*.

Modern Languages and Literatures courses requiring a prerequisite may allow students with suitable life or academic experience from other institutions to be admitted by permission of the instructor. Students who believe they have appropriate background experience may petition the professor for admission to desired courses.

Note: Education minors need a minimum of 30 credits in the language area, of which at least three credits must be in literature and three in culture/civilization.

## Language Core Requirements

The core language requirements for the Class 2022 and earlier may be fulfilled by successfully completing two semesters at the intermediate level of any language listed among the offerings of the Department of Modern Languages and Literatures. Students should see the specific requirements for the Dolan School of Business, Egan School of Nursing and Health Studies, and School of Engineering.

Starting with the Class of 2023, please refer to the Magis Core (p. 28) curriculum, which states that at least one semester of a foreign language must be taken at Fairfield University by all students, complemented by either a second language course in the same language or a second math course. Note that students must first complete a language placement exam, if applicable, in order to continue in the same language that was studied previously.

## Core Mission Statement

The study of languages is a key element in working and learning across cultures and geographical boundaries. Language in the Core Curriculum focuses on the acquisition of the skills of reading, listening, speaking, and writing, though the emphasis varies according to the chosen language. Students in core language study acquire knowledge about other cultures, literatures, and historical periods. It is expected that students will use the skills and knowledge acquired in language courses in practical and intellectual pursuits.

Through their study of foreign languages, students will:

- Be able to read a passage of moderate difficulty in their chosen language and be able to communicate with a native speaker.
- Learn grammatical and syntactical rules which will facilitate oral and written expression in the language.
- Become acquainted with the life, customs, and cultural traditions where the language is spoken.

## Programs

- French Major (p. 175)
- French Minor (p. 176)
- German Major (p. 176)
- German Minor (p. 176)
- Italian Major (p. 177)
- Italian Minor (p. 177)
- Spanish Major (p. 177)
- Spanish Minor (p. 178)

## Courses

### Arabic

#### ARBC 1110 Elementary Modern Standard Arabic I 3 Credits

The first course, the first of a two-semester sequence, teaches the essentials of phonology, script, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing in the standard means of communicating in the Arab world. Teaching is proficiency-based, implying that all activities within the courses are aimed at placing student learners in the context of the native-speaking environment. Previously AR 0110.

#### ARBC 1111 Elementary Modern Standard Arabic II 3 Credits

**Prerequisite:** ARBC 1110.

A continuation of ARBC 1110, this course teaches the essentials of phonology, script, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing in the standard means of communicating in the Arab world. Teaching is proficiency-based, implying that all activities within the courses are aimed at placing student learners in the context of the native-speaking environment. Previously AR 0111.

#### ARBC 2210 Intermediate Modern Standard Arabic I 3 Credits

**Prerequisite:** ARBC 1111.

This course, the first in a two-semester sequence, continues to build upon the skills acquired in the first-year course. Emphasis will be placed upon improving grammar, listening comprehension, and speaking and reading skills. Students will gain confidence in conversing with native speakers on a variety of topics, will be able to write more complex texts on everyday themes, and will acquire the skills to read uncomplicated authentic texts, such as newspaper articles on familiar topics. Previously AR 0210.

#### ARBC 2211 Intermediate Modern Standard Arabic II 3 Credits

**Prerequisite:** ARBC 2210.

A continuation of ARBC 2210, this course continues to build upon the skills acquired in the first-year course. Emphasis will be placed upon improving grammar, listening comprehension, and speaking and reading skills. Students will gain confidence in conversing with native speakers on a variety of topics, will be able to write more complex texts on everyday themes, and will acquire the skills to read uncomplicated authentic texts, such as newspaper articles on familiar topics. Previously AR 0211.

#### ARBC 3990 Independent Study 3 Credits

Students undertake readings and studies in a specialized area of Arabic language and culture, under the direction of a staff member. Designed to fill the special needs of specific students, this course is offered at the discretion of the department chair. Enrollment by permission only. Previously AR 0381-0382.

### Chinese

#### CHIN 1110 Elementary Chinese I 3 Credits

**Attributes:** ANMC Asian Studies Elective

Designed for students with no prior experience with Chinese or whose placement scores are in the range for this course level. This course, the first of a two-semester sequence, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously CI 0110.

#### CHIN 1111 Elementary Chinese II 3 Credits

**Attributes:** ANMC Asian Studies Elective

**Prerequisite:** CHIN 1110.

This course, a continuation of CHIN 1110, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously CI 0111.

#### CHIN 2210 Intermediate Chinese I 3 Credits

**Attributes:** ANMC Asian Studies Elective

**Prerequisite:** CHIN 1111.

This course, the first of a two-semester sequence, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc). Students attend three classes per week and do mandatory online work determined by the instructor. Previously CI 0210.

#### CHIN 2211 Intermediate Chinese II 3 Credits

**Attributes:** ANMC Asian Studies Elective

**Prerequisite:** CHIN 2210.

This course, a continuation of CHIN 2210, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc.). Students attend three classes per week and do mandatory online work determined by the instructor. Previously CI 0211.

#### CHIN 2220 Advanced Chinese 3 Credits

**Attributes:** ANMC Asian Studies Elective

**Prerequisite:** CHIN 2211.

This course will continue to build on work completed through the intermediate level Chinese. All four skills: reading, listening, reading, and writing, will be further strengthened, but with emphasis on consolidating conversational skills and improving reading confidence. Upon completion of the course, students should be able to use integrated skills and cultural strategies to speak with some fluency on everyday conversational topics, read lengthier and more complex materials, write short but accurate compositions on computers using Chinese software, and develop a more sophisticated sense about the language and the culture. Previously CI 0220.

**CHIN 2221 Reading China 3 Credits****Attributes:** ANMC Asian Studies Elective, WDIV World Diversity**Prerequisite:** CHIN 2211.

This course has the twin goals of increasing reading proficiency in Chinese language and exploring Chinese culture. Topics are selected from four main areas: Chinese Geography (e.g. city, countryside, landscape), Chinese Life (e.g. festivals, popular culture, everyday living), Chinese Society (e.g. family, social problems, internet use), and Chinese History and Thought (e.g. history, literature, myth, and philosophy). Students also learn how to use different resources and online tools to read and research China-related subjects on their own. Required readings and assignments are in Chinese. Previously CI 0221.

**CHIN 2250 Modern China Through Fiction and Film 3 Credits****Attributes:** ANMC Asian Studies Elective, WDIV World Diversity

This course is a study of various cultural aspects of modern China in the 20th century through reading translated fiction as well as films. Students explore topics such as modernity, nationalism, individualism, gender, and cultural identity in the modern cultural-historical context. Also will be discussed are issues particular to fiction and film as representational modes: How do fiction and film narrate history and the complex Chinese experience? How have they both been shaped by and contributed to the socio-cultural transformations? And how do they represent the increasingly diversified cultural and social landscape of contemporary China? Crosslisted with ENGL 1180. Previously CI 0250.

**CHIN 3990 Independent Study 3 Credits**

Students undertake readings and studies in a specialized area of Chinese under the direction of a staff member. Designed to fill the special needs of specific students, this course is offered at the discretion of the department chair. Enrollment by permission only. Previously CI 0381-0382.

## French

**FREN 1110 Elementary French I 3 Credits**

Designed for students with no prior experience with French or whose placement scores are in the range for this course level. This course, the first of a two-semester sequence, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously FR 0110.

**FREN 1111 Elementary French II 3 Credits****Prerequisite:** FREN 1110.

This course, a continuation of FREN 1110, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously FR 0111.

**FREN 2210 Intermediate French I 3 Credits****Prerequisite:** FREN 1111.

This course, the first of a two-semester sequence, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc). Students attend three classes per week and do mandatory online work determined by the instructor. Previously FR 0210.

**FREN 2211 Intermediate French II 3 Credits****Attributes:** LCEL LACS Minor: Elective**Prerequisite:** FREN 2210.

This course, a continuation of FREN 2210, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc). Students attend three classes per week and do mandatory online work determined by the instructor. Previously FR 0211.

**FREN 2219 French Syntax and Expression 3 Credits****Prerequisite:** FREN 2211.

This course provides a rigorous review of French grammar and syntax and examines the critical differences between English and French. The goals of this course are to prepare students for further advanced courses, and to use French more accurately by practicing the specifics of grammar and syntax. Furthermore, the students will examine and use the French language in varying levels of discourse and registers, ranging from everyday speech to short narratives. To achieve these goals, we will examine contemporary, historical and literary readings, which contain the grammar and syntax under study and insure that they are studied in context. Previously FR 0219.

**FREN 2220 Topics in Language and Culture 3 Credits****Prerequisite:** FREN 2211.

This course improves proficiency in written and oral expression by focusing on topics in French language and culture. Students develop advanced writing and speaking skills while concentrating on grammar, style, and appropriateness. Weekly compositions, based primarily on the genres or topics studied allow students to identify and correct grammatical mistakes. Students present research in class in French. Films and various cultural artifacts (proverbs, songs, historical materials) familiarize students with idiomatic French. Previously FR 0220.

**FREN 3251 Culture and Civilization of France and the Francophone World I 3 Credits****Prerequisite:** FREN 2211.

This course explores France and French-speaking people in a cultural, social, and historical context. Students use multimedia, Internet, and audio-visual resources extensively and submit frequent oral and written reports. Previously FR 0251.

**FREN 3252 Culture and Civilization of France and the Francophone World II 3 Credits****Attributes:** WDIV World Diversity**Prerequisite:** FREN 2211.

This course explores the regions and people that comprise the francophone world in a cultural, social, and historical context. Students use multimedia, Internet, and audio-visual resources extensively and submit frequent oral and written reports. Previously FR 0252.

**FREN 3265 French Translation Workshop 3 Credits****Prerequisite:** FREN 2219 or FREN 2220.

In this course, students develop expertise in the art and craft of translation. The course presents terminology, advanced grammar analysis, and procedures that assist the translator in describing and solving translation problems. It uses real and simulated case studies in a variety of fields including commercial correspondence, tourism, food, transportation, telecommunications, social science, and literature. Students practice with native script, giving attention to individual interests and majors, using French-to-English and English-to-French translations. The class, which is conducted in both languages, uses human, computer-based, and print resources. Previously FR 0265.

**FREN 3267 French Commercial Culture****3 Credits****Prerequisite:** FREN 2219 or FREN 2220.

This introduction to the business practices and economic situation of France in the context of the European Union emphasizes commercial vocabulary and business situations presented through extensive use of authentic material and documents. This course, which is of particular interest to students seeking a career in international business or international affairs, uses multimedia, Internet, and audio-visual resources extensively, and includes regular practice in speaking and writing. Previously FR 0267.

**FREN 3271 Contemporary French Press and Media****3 Credits****Prerequisite:** FREN 2219 or FREN 2220.

Students read and discuss articles from representative magazines and newspapers in French, as well as reports from television news broadcasts and the Internet. The course considers how the media and technology are shaping French society in the 21st century and discusses a wide range of topics such as politics, education, religion, the arts, science, privacy, and censorship. Students complete frequent oral and written reports. Previously FR 0271.

**FREN 3980 Internship****3 Credits****Prerequisite:** FREN 2219 or FREN 2220.

The internship program gives students first-hand experience in the fields of translation, interpretation, cataloging, public relations, advertising, teaching, etc., in the language of their specialization. Department members, who agree to guide the endeavor, supervise student work. When required by a faculty supervisor, an evaluation of student interns may be required from the institution where students work. The student's work should demand no less than one full day per week, or its equivalent. Previously FR 0377-0378.

**FREN 3990 Independent Study****3 Credits****Prerequisite:** FREN 2219 or FREN 2220.

Students undertake readings and studies in a specialized area of French, under the direction of a member of faculty. Designed to fill the special needs of specific students, this course is offered at the discretion of the department chair. Enrollment by permission only. Previously FR 0381-0382.

**FREN 4301 Survey of Literature in French I****3 Credits****Prerequisite:** FREN 2219 or FREN 2220.

This course presents a chronological view of French literature, emphasizing the most important writers and major literary movements and themes. Students will consider varied genres from the Middle Ages through the 17th century. Previously FR 0301.

**FREN 4302 Survey of Literature in French II****3 Credits****Prerequisite:** FREN 2219 or FREN 2220.

This course presents a chronological view of French literature, emphasizing the most important writers and major literary movements and themes. Students will study the forces unleashed by the Revolution and considers the development of modern French literature. Previously FR 0302.

**FREN 4305 French and Francophone Women Writers****3 Credits****Attributes:** WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** FREN 2219 or FREN 2220.

The course explores a wide range of literary genres produced by women writers from France and the francophone world, investigating women's issues such as race, gender, class, status, and power within the historical, political, and cultural contexts of their regions of origin. The course introduces French feminist theories. Students read and conduct discussions in French and complete frequent oral and written assignments. Previously FR 0305.

**FREN 4366 Film and Literature in French****3 Credits****Prerequisite:** FREN 2219 or FREN 2220.

This course examines the relationship between film and literature. Students view the film version of each work, which serves as a basis for class discussion. The course requires frequent oral and written works. Previously FR 0366.

**FREN 4999 Capstone Seminar****3 Credits****Prerequisite:** Senior standing.

Majors in French participate in an interdisciplinary seminar in the spring of their senior year. The focus of this seminar varies according to the professor, but possible topics include European Film, The Grand Tour, Immigration in Europe, Capital Cities, Language Teaching and Technology, Europe and America. Students research their capstone papers in the target language and present the final work in English and French. The instructor may, in some cases, evaluate work in the target language in consultation with colleagues in that area of expertise in the department. Seminar is conducted in English. Previously FR 0399.

## German

**GRMN 1110 Elementary German I****3 Credits**

Designed for students with no prior experience with German or whose placement scores are in the range for this course level. This course, the first of a two-semester sequence, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously GM 0110.

**GRMN 1111 Elementary German II****3 Credits****Prerequisite:** GRMN 1110.

This course, a continuation of GRMN 1110, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously GM 0111.

**GRMN 2210 Intermediate German I****3 Credits****Prerequisite:** GRMN 1111.

This course, the first of a two-semester sequence, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc). Students attend three classes per week and do mandatory online work determined by the instructor. Previously GM 0210.

**GRMN 2211 Intermediate German II****3 Credits****Prerequisite:** GRMN 2210.

This course, a continuation of GRMN 2210, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc). Students attend three classes per week and do mandatory online work determined by the instructor. Previously GM 0211.



**GRMN 2220 Topics in Language and Culture****3 Credits****Prerequisite:** GRMN 2211.

This course improves proficiency in written and oral expression by focusing on particular topics in German language and culture. Students develop advanced writing and speaking skills while concentrating on grammar, style, and appropriateness. Weekly compositions, based primarily on the genres studies (short story, theater, memoir, essay) allow students to identify and correct grammatical mistakes. Students present speeches in class and conduct situational dramas such as job interviews, television reporting, courtroom trials, debates in German. Films and various cultural artifacts (comic strips, proverbs, songs) familiarize students with idiomatic German. Previously GM 0220.

**GRMN 3241 German Cinema****3 Credits****Prerequisite:** GRMN 2211.

German filmmakers are known for their artistic expression and reaction to social and political trends that concern the country and its citizens. This course deals with major developments of German cinema throughout the twentieth century and will give students an overview of major movements, important directors, genres, and actors in the history of German film, as well as socio-political matters facing Weimar and Nazi Germany, post-war West and East German states, and unified Germany. Students will be introduced to the tools of film analysis, cinematic codes, and techniques such as narration, mise-en-scène, cinematography, sound, editing, and how these affect the viewer. Previously GM 0241.

**GRMN 3251 German Civilization and Culture I****3 Credits****Prerequisite:** GRMN 2211.

This course examines the main currents of German culture and civilization through lectures, films, the Internet, and literary and cultural readings. Students complete frequent oral and written reports. Conducted in German, this course requires frequent oral and written reports. Previously GM 0251.

**GRMN 3252 German Civilization and Culture II****3 Credits****Prerequisite:** GRMN 2211.

This course examines German immigration, especially to the United States, considering in-depth the German-American experience through lectures, films, the Internet, and literary and cultural readings. Conducted in English, this course requires frequent oral and written reports. Previously GM 0252.

**GRMN 3262 Survey of German Literature****3 Credits**

This course offers an overview of German works and literary movements from the Middle Ages to 1945, providing students with the fundamentals of literary analysis in the genres of poetry, drama, novellas, novels, short stories, and film. The course requires frequent oral and written reports. Previously GM 0262.

**GRMN 3980 Internship****3 Credits**

The internship program gives students first-hand experience in the fields of translation, interpretation, cataloging, public relations, advertising, teaching, etc., in the language of their specialization. Department members, who agree to guide the endeavor, supervise student work. When required by a faculty supervisor, an evaluation of student interns may be required from the institution where students work. The student's work should demand no less than one full day per week, or its equivalent. Previously GM 0377-0378.

**GRMN 3990 Independent Study****3 Credits**

Students undertake readings and studies in a specialized area of German under the direction of a staff member. Designed to fill the special needs of specific students, this course is offered at the discretion of the department chair. Enrollment by permission only. Previously GM 0381-0382.

**GRMN 4999 Capstone Seminar****3 Credits****Prerequisite:** Senior standing.

Majors in German participate in an interdisciplinary seminar in the spring of their senior year. The focus of this seminar varies according to the professor, but possible topics include European Film, the Grand Tour, Immigration in Europe, Capital Cities, Language Teaching and Technology, Europe and America. Students research their capstone papers in the target language and present the final work in English and German. The instructor may, in some cases, evaluate work in the target language in consultation with colleagues in the area of expertise in the department. Seminar is conducted in English. Previously GM 0399.

## Hebrew

**HEBR 1110 Elementary Hebrew I****3 Credits****Attributes:** JST Judaic Studies Minor

Designed for students with no prior experience with Hebrew or whose placement scores are in the range for this course level. This course, the first in a two-semester sequence, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously HE 0110.

**HEBR 1111 Elementary Hebrew II****3 Credits****Attributes:** JST Judaic Studies Minor**Prerequisite:** HEBR 1110.

This course, a continuation of HEBR 1110, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously HE 0111.

**HEBR 2210 Intermediate Hebrew I****3 Credits****Attributes:** JST Judaic Studies Minor**Prerequisite:** HEBR 1111.

This course, the first in a two-semester sequence, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc.). Students attend three classes per week and do mandatory online work determined by the instructor. Previously HE 0210.

**HEBR 2211 Intermediate Hebrew II****3 Credits****Attributes:** JST Judaic Studies Minor**Prerequisite:** HEBR 2210.

This course, a continuation of HEBR 2210, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc.). Students attend three classes per week and do mandatory online work determined by the instructor. Previously HE 0211.

# Italian

## ITLN 1110 Elementary Italian I

3 Credits

Designed for students with no prior experience with Italian or whose placement scores are in the range for this course level. This course, the first in a two-semester sequence, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. The culture of Italy is explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously IT 0110.

## ITLN 1111 Elementary Italian II

3 Credits

**Prerequisite:** ITLN 1110.

This course, a continuation of ITLN 1110, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. The culture of Italy is explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously IT 0111.

## ITLN 2210 Intermediate Italian I

3 Credits

**Prerequisite:** ITLN 1111.

This course, the first in a two-semester sequence, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. Italian culture is explored through a wide variety of materials including literary texts, press articles, and films. Students attend three classes per week and do mandatory online work determined by the instructor. Previously IT 0210.

## ITLN 2211 Intermediate Italian II

3 Credits

**Attributes:** ISIT Italian Studies: Italian

**Prerequisite:** ITLN 2210.

This course, a continuation of ITLN 2210, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. Italian culture is explored through a wide variety of materials including literary texts, press articles, and films. Students attend three classes per week and do mandatory online work determined by the instructor. Previously IT 0211.

## ITLN 3219 Italian for Professional Applications

3 Credits

**Attributes:** ISIF Italian Studies: Italy-Focused, ISIT Italian Studies: Italian

**Prerequisite:** ITLN 2211.

This is a language course designed to give students who have completed Intermediate Italian the grammatical, lexical, and cultural literacy to engage in professional transactions in Italian. Students will gain a cross-cultural understanding of business communication in Italian through the introduction and refinement of pertinent grammar and vocabulary. As a class, we will research notable Italian industries, including fashion, food, and tourism, and analyze their commercial appeal in Italy and abroad. Students will also become familiar with Italy's political, industrial, and financial institutions, while keeping abreast of current events that affect Italian commerce. Previously IT 0219.

## ITLN 3220 Topics in Language and Culture

3 Credits

**Attributes:** ISIF Italian Studies: Italy-Focused

**Prerequisite:** ITLN 2211.

This course improves proficiency in written and oral expression by focusing on particular topics in Italian language and culture. Students develop advanced writing and speaking skills while concentrating on grammar, style, and appropriateness. Weekly compositions, based primarily on the genres studied (short story, theater, memoir, essay) allow students to identify and correct grammatical mistakes. Students present speeches in class and conduct situational dramas such as job interviews, television reporting, courtroom trials, and debates in Italian. Films and various cultural artifacts (comic strips, proverbs, songs) familiarize students with idiomatic Italian. Previously IT 0220.

## ITLN 3222 Made in Italy

3 Credits

**Attributes:** ISIF Italian Studies: Italy-Focused, ISIT Italian Studies: Italian

**Prerequisite:** ITLN 2211.

Made in Italy, a term that indicates the uniqueness of Italy in abbigliamento (clothing), agroalimentare (food), arredamento (furniture) and automobili (automobiles), dates to the 1980s. This course seeks to further our understanding of Italian culture by investigating the reasons for the popularity and preeminence of products made in Italy. Designers have ensured Italy's prominence in the world of fashion. Pasta, prosciutto, and olive oil are synonymous with Italy, the birthplace of the Slow Food movement. Innovative design, both interior and exterior, is another hallmark of Italian excellence. Italy has produced both high performing, luxury cars and more economical modes of transportation. Conducted in Italian. Previously IT 0222.

## ITLN 3233 Creative Writing in Italian

3 Credits

**Attributes:** ISIF Italian Studies: Italy-Focused, ISIT Italian Studies: Italian

**Prerequisite:** ITLN 2211.

This course will explore the craft of fiction, touching on both its theory and practice. Students will begin by examining some masters of prose in order to discuss key elements of fiction writing (plot, character, point of view, and style). They will consider the panorama of modern and contemporary Italian fiction, from the novella to the historical novel, coming-of-age fiction to the postmodern immigrant narrative. Students will develop individual creative projects, which will be shared with their workshop classmates and revised in cooperation with the instructor. Previously IT 0233.

## ITLN 3240 Language of Food in Italian Culture

3 Credits

**Attributes:** ISIF Italian Studies: Italy-Focused, ISIT Italian Studies: Italian

**Prerequisite:** ITLN 2211.

'Dimmi ciò che mangi e ti dirò chi sei... Tell me what you eat, and I will tell you what you are.' Perhaps more than any other modern nation, Italy is defined by and celebrated for its food. Exports such as vino, pizza, and gelato, so quintessentially Italian, are now readily available across the globe. But what does food mean to Italians, and how does it reflect, magnify, and shape their collective identity? In this course, students will explore references to food and gastronomy in Italian literature, television, cinema, and art. We will investigate how Italians past and present have used food to talk about mechanisms of social belonging, disparity, and alienation. Beginning with today's celebrity chefs and moving back to Dante and the origins of Italian literature, we will learn about the historical forces that influenced Italy's evolving culinary traditions while honing our Italian language skills. Previously IT 0240.

**ITLN 3253 Contemporary Italian Culture****3 Credits**

**Attributes:** ISIF Italian Studies: Italy-Focused, ISIT Italian Studies: Italian  
**Prerequisite:** ITLN 2211.

This course examines aspects of contemporary Italian culture in the arts, film, music, media, and literature. Students analyze the debates that inform the political, social, and cultural dimensions of Italian society today. Readings include magazine and newspaper articles, print advertisements, novels, short stories, and comic books. Students view television news reports, soap operas, commercials, and movies, and listen to various types of contemporary Italian music. The course is conducted in Italian. Previously IT 0253.

**ITLN 3255 The Novella****3 Credits**

**Attributes:** ISIF Italian Studies: Italy-Focused  
**Prerequisite:** ITLN 2211.

This course analyzes the most successful genre in Italian literature, the novella (short story), as it evolved from the medieval era through the Renaissance to present day. Students read selections from Boccaccio, Basile, Bandello, Verga, Pirandello, Deledda, Morante, Moravia, Calvino, and others. The course is conducted in Italian. Previously IT 0255.

**ITLN 3257 Theatre in Italy: Comedy****3 Credits**

**Attributes:** ISIF Italian Studies: Italy-Focused  
**Prerequisite:** ITLN 2211.

From the erudite satires of the humanists to the political farces of contemporary playwrights, Italian comedy has always done more than just entertain. In this course we will study dramatic works by some of Italy's most prominent authors (Machiavelli, Aretino, Goldoni, Pirandello, et al.) and explore the development of comic theater in Italy from the Renaissance to the present. We will weigh the social function of humor in Italian theater, along with issues relating to gender, power, and performance. We will focus on the literary and historical dimensions of these texts, but also use these lively comedies to hone our reading, writing, and oral skills in Italian. To that end, we will watch clips of the plays, regularly perform scenes together in class, and even experiment with improvised 'commedia dell'arte' scenarios. Previously IT 0257.

**ITLN 3271 Italian Cinema****3 Credits**

**Attributes:** ISIF Italian Studies: Italy-Focused, ISIT Italian Studies: Italian, VPCH Visual and Performing Arts Core: History Course

This survey of Italian films as textual, cultural, and historical artifacts analyzes movements such as neorealism, *commedia all'italiana*, the spaghetti western, and new Italian cinema through the works of selected directors. The course follows a chronology from the silent period to present day, with special emphasis on the 'golden ages' of Italian cinema, neo-realism of the postwar period, the 1960s' comedy of manners, and the new Italian cinema of the 1980s and 1990s. Students analyze the works of Rossellini, De Sica, Fellini, Visconti, Germi, Antonioni, Wertmüller, Leone, Pasolini, Moretti, Benigni, and others. Crosslisted with FTMA 2271. Previously IT 0271.

**ITLN 3289 Dante****3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, E\_AF English Literature After 1800, ISIF Italian Studies: Italy-Focused, ISIT Italian Studies: Italian

This course examines the works of Dante Alighieri, including the *Vita nuova*, in addition to the 'Inferno', 'Purgatorio', and 'Paradiso' from the *Divine Comedy*. Students are introduced to the political, linguistic, theological, and poetic ideas that make Dante's works not only significant in the medieval context, but also continue to challenge and inform modern debates. This course, which is conducted in English, counts towards the core requirement in literature. Crosslisted with ENGL 1150. Previously IT 0289.

**ITLN 3290 Italian American Cinema****3 Credits**

**Attributes:** ISIF Italian Studies: Italy-Focused, ISIT Italian Studies: Italian, ITEN Italian Course Taught in English

This course investigates salient aspects of Italian American cinema, including the representation of Italian Americans, works directed by Italian American directors, and roles played by Italian American actors. It also examines the difference in roles and representation for men and women in this subgroup of American society, with particular consideration given to the ethnic roots of these differences. Throughout the semester we will examine the ways in which film displays Italian ethnicity in the United States. The course also analyzes the profound influence of Italian cinema on the film-making of Italian American screenwriters and directors. This class is taught in English. Previously IT 0290.

**ITLN 3980 Internship****3 Credits**

**Attributes:** ISIF Italian Studies: Italy-Focused

The internship program gives students first-hand experience in the fields of translation, interpretation, cataloging, public relations, advertising and teaching in the language of their specialization. Department members, who agree to guide the endeavor, supervise student work. When required by a faculty supervisor, an evaluation of student interns may be required from the institution where students work. The student's work should demand no less than one full day per week, or its equivalent. Previously IT 0377-0378.

**ITLN 3990 Independent Study****3 Credits**

**Attributes:** ISIF Italian Studies: Italy-Focused, ISIT Italian Studies: Italian  
 Students undertake readings and studies in a specialized area of Italian, under the direction of a staff member. Designed to fill the special needs of specific students, this course is offered at the discretion of the department chair. Enrollment by permission only. Previously IT 0381-0382.

**ITLN 4330 Redefining the Cosmos: Voyages****3 Credits**

**Attributes:** ISIF Italian Studies: Italy-Focused  
**Prerequisite:** ITLN 2211.

The Italian Renaissance has traditionally been understood as the very laboratory of Modernity. In a time where new and revolutionary ideas about art, politics and science took shape, Europe faced an extraordinary challenge: how to integrate into 'the Renaissance experiment' the new natural and human experience that opened up with the discovery of the New World. Italy produced an extraordinarily heterogeneous body of work that stemmed from these voyages: that is, a 'literature of discovery.' This course will explore this literature, which includes epic poems, popular cantari, travelogues, historical and geographical treatises, as well as epistolary collections. Previously IT 0330.

**ITLN 4999 Capstone Seminar****3 Credits**

**Attributes:** ISIF Italian Studies: Italy-Focused  
**Prerequisite:** Senior standing.

Majors in Italian participate in an interdisciplinary seminar in the spring of their senior year. The focus of this seminar varies according to the professor, but possible topics include European Film, The Grand Tour, Immigration in Europe, Capital Cities, Language Teaching and Technology, Europe and America. Students research their capstone papers in the target language and present the final work in English and Italian. The instructor may, in some cases, evaluate work in the target language in consultation with colleagues in the area of expertise in the department. Seminar is conducted in English. Previously IT 0399.

## Portuguese

### **PORT 1110 Elementary Brazilian Portuguese I 3 Credits**

Designed for students with no prior experience with Portuguese or whose placement scores are in the range for this course level. This course, the first in a two-semester sequence, is designed to present the student with the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Cultures are explored through a variety of media. The course will broaden the students' understanding of the cultures of the different countries where Portuguese is spoken, especially Brazil. Previously PG 0110.

### **PORT 1111 Elementary Brazilian Portuguese II 3 Credits**

**Attributes:** LCEL LACS Minor: Elective

**Prerequisite:** PORT 1110.

This course, a continuation of PORT 1110, is designed to present the student with the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Cultures are explored through a variety of media. The course will broaden the students' understanding of the cultures of the different countries where Portuguese is spoken, especially Brazil. Previously PG 0111.

### **PORT 2210 Intermediate Brazilian Portuguese I 3 Credits**

**Attributes:** LCEL LACS Minor: Elective

**Prerequisite:** PORT 1111.

This course, the first in a two-semester sequence, continues to build upon the skills acquired in the first-year sequence. The course focuses on increasing the development of communication and comprehension skills while exploring in more depth the complexity of the Brazilian Portuguese language. Emphasis is placed on the development of listening, speaking, reading, and writing skills, as well as the development of cultural literacy. Cultural emphasis is placed on both Brazil and the Lusophone world. Previously PG 0210.

### **PORT 2211 Intermediate Brazilian Portuguese II 3 Credits**

**Attributes:** LCEL LACS Minor: Elective

**Prerequisite:** PORT 2210.

This course, a continuation of PORT 2210, continues to build upon the skills acquired in the first-year sequence. The course focuses on increasing the development of communication and comprehension skills while exploring in more depth the complexity of the Brazilian Portuguese language. Emphasis is placed on the development of listening, speaking, reading, and writing skills, as well as the development of cultural literacy. Cultural emphasis is placed on both Brazil and the Lusophone world. Previously PG 0211.

## Russian

### **RUSN 1110 Elementary Russian I 3 Credits**

**Attributes:** RECS Russian, Eastern European, and Central Asian Studies

Designed for students with no prior experience with Russian or whose placement scores are in the range for this course level. This course, the first in a two-semester sequence, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously RU 0110.

### **RUSN 1111 Elementary Russian II 3 Credits**

**Attributes:** RECS Russian, Eastern European, and Central Asian Studies

**Prerequisite:** RUSN 1110.

This course, a continuation of RUSN 1110, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously RU 0111.

### **RUSN 2210 Intermediate Russian I 3 Credits**

**Attributes:** RECS Russian, Eastern European, and Central Asian Studies

**Prerequisite:** RUSN 1111.

This course, the first in a two-semester sequence, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc). Students attend three classes per week and do mandatory online work determined by the instructor. Previously RU 0210.

### **RUSN 2211 Intermediate Russian II 3 Credits**

**Attributes:** RECS Russian, Eastern European, and Central Asian Studies

**Prerequisite:** RUSN 2210.

This course, a continuation of RUSN 2210, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc). Students attend three classes per week and do mandatory online work determined by the instructor. Previously RU 0211.

## Spanish

### **SPAN 1110 Elementary Spanish I 3 Credits**

Designed for students with no prior experience with Spanish or whose placement scores are in the range for this course level. This course, the first in a two-semester sequence, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously SP 0110.

### **SPAN 1111 Elementary Spanish II 3 Credits**

**Prerequisite:** SPAN 1110.

This course, a continuation of SPAN 1110, teaches the essentials of pronunciation, structure, and usage, allowing students to acquire the skills of listening, speaking, reading, and writing. Language cultures are explored through a variety of media. Students attend three classes per week and do mandatory online work determined by the instructor. Previously SP 0111.

### **SPAN 2210 Intermediate Spanish I 3 Credits**

**Prerequisite:** SPAN 1111.

This course, the first in a two-semester sequence, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc). Students attend three classes per week and do mandatory online work determined by the instructor. Previously SP 0210.



**SPAN 2211 Intermediate Spanish II****3 Credits****Attributes:** LCEL LACS Minor: Elective**Prerequisite:** SPAN 2210.

This course, a continuation of SPAN 2210, prepares students to continue the study of language on a more advanced level, and includes review of essential points of grammar, vocabulary building, and regular practice in speaking and writing. The language cultures are explored through a wide variety of materials (literary texts, press articles, films, etc). Students attend three classes per week and do mandatory online work determined by the instructor. Previously SP 0211.

**SPAN 2220 Topics in Language and Culture****3 Credits****Attributes:** LCEL LACS Minor: Elective, MWAC Magis Core: Writing Across Curriculum**Prerequisite:** SPAN 2211.

This course improves proficiency in written and oral expression by focusing on particular topics in Spanish language and culture. Students develop advanced writing and speaking skills while concentrating on grammar, style, and appropriateness. Weekly compositions, based primarily on the genres studied (short story, theater, memoirs, essay) allow students to identify and correct grammatical mistakes. Students present speeches in class and conduct situational dramas such as job interviews, television reporting, courtroom trials, debates in Spanish. Films and various cultural artifacts (comic strips, proverbs, songs) familiarize students with idiomatic Spanish. Previously SP 0220.

**SPAN 2220H Advanced Spanish for Heritage Speakers****3 Credits****Attributes:** MWAC Magis Core: Writing Across Curriculum, SPME Spanish Major or Minor Elective**Prerequisite:** Placement exam.

This course is directed at heritage speakers of Spanish, that is, students with personal background and prior instruction in Spanish who already possess functional communication abilities in the language. It will prepare students for upper-division literature, culture, linguistics, and translation courses by focusing on the development of advanced reading, writing, and oral abilities in Spanish. Emphasis will be placed on the main stages of the writing process through continuous practice inside and outside of the classroom. The class will use news articles, films, literary works, and other cultural texts. It will be conducted entirely in Spanish. Previously SP 0220H.

**SPAN 3225 Spanish and English in Contrast****3 Credits****Prerequisite:** SPAN 2220.

This class offers an in-depth review and study of the more problematic aspects of Spanish grammar for English speakers and provides students with the essentials of their own native grammar necessary to comprehend the similarities between English and Spanish. Previously SP 0225.

**SPAN 3231B Career-Oriented Spanish for Business****3 Credits****Attributes:** BUEL Business Elective, LCEL LACS Minor: Elective, SPME Spanish Major or Minor Elective**Prerequisite:** SPAN 2220.

This course aims to give post-intermediate students of Spanish a solid foundation of business vocabulary, basic business and cultural concepts, and situational practice that will prepare them to succeed in today's growing Spanish-speaking business world. It will incorporate a wide array of real-life situations and problems that will integrate all four language skills: speaking, reading, writing and listening. One of the main objectives of this course is to turn students into potential professionals by improving their critical thinking and problem-solving skills necessary in today's globalized business world. Previously SP 0231B.

**SPAN 3231N Career-Oriented Spanish for Nursing and Health Studies****3 Credits****Attributes:** HSTE Health Studies: Traditions, Delivery, and Ethics, LCEL LACS Minor: Elective, SPME Spanish Major or Minor Elective**Prerequisite:** SPAN 2220.

This to further develop Spanish skills in the four modes: speaking, listening, writing and reading to compliment health, pre-med and nursing studies at a post-intermediate level. In addition to an advanced course in Spanish grammar and vocabulary curated to the health studies needs, we will also explore the following topics through in-class presentations, role play, readings, and authentic texts from the Spanish-speaking world: Cultural competency, Lifespan issues, Bilingual health care systems, Health assessment in Spanish, and Patient teaching. Open to students interested in health professions, pre-med, nursing, etc. Previously SP 0231N.

**SPAN 3245 Analysis and Interpretation of Hispanic Literature****3 Credits****Attributes:** LCEL LACS Minor: Elective**Prerequisite:** SPAN 2220.

The course provides students with the fundamentals of literary analysis in the genres of poetry, narrative, theater, and film. It uses materials from around the Hispanic world to present a broad historical-cultural context for further reading and to sharpen the skills of analysis, argumentation, speaking, and writing. Focused on a literary study whose critical terms derive from the structure of literature itself (plot, scene, shot, verse, etc.), the course includes a survey of the periods of literary history. Students complete critical papers. Previously SP 0245.

**SPAN 3251 Spanish Civilization and Culture****3 Credits****Prerequisite:** SPAN 2220.

This course presents the main currents of Spanish civilization by means of lectures and student participation in written and oral reports. Studies of the geography, history, literature, and fine arts of Spain underscore class discussions. Previously SP 0251.

**SPAN 3253 Spanish-American Civilization****3 Credits****Attributes:** LCEL LACS Minor: Elective, LCSC LACS Minor: Spanish Culture and Literature, WDIV World Diversity**Prerequisite:** SPAN 2220.

This course presents a general view of Spanish-American civilization from pre-Columbian times to the present. Participants study the culture, social history, and politics of Spanish-America through select literary readings, articles, documentaries, films, newspapers, and Internet research. The course includes a special topic covering the globalization in Latin America and its impact in the 21st century. Students complete exams, oral presentations, written papers, and a final paper. Previously SP 0253.

**SPAN 3271 Hispanic Film****3 Credits****Attributes:** LCEL LACS Minor: Elective, LCSC LACS Minor: Spanish Culture and Literature, WDIV World Diversity**Prerequisite:** SPAN 2220.

This course examines and analyzes film by Spanish and Latin-American directors (Buñuel, Saura, Littín, Sanjinés, etc.). Students initially study films as an independent genre using specific structural form as the means of analysis (close-up, soundtrack, frame, etc.). Students then begin to formulate interpretations that move between the formal, technical composition of films and the concrete socio-historic and cultural reality to which each film refers. Course activities include screening of films, discussion of articles that deal with literary theory and analysis of film, and writing short papers. Previously SP 0271.



**SPAN 3285 Introduction to Spanish Linguistics****3 Credits****Attributes:** MWID Magis Core: Writing in the Discipline**Prerequisite:** SPAN 2220.

This course is an introduction to the scientific study of language, with a focus on Spanish. It particularly aims at both the descriptive and applied levels. At the descriptive level, it will focus on the understanding of the mechanisms of the language in various areas: how sounds are articulated and work within a system (phonetics and phonology); how small units with meaning are combined to form words (morphology); how words are combined to form sentences (syntax); how meaning is attached to the different units, and how meaning operates at different levels (semantics). At the applied level, it will also explore topics such as linguistic variation, second language acquisition, bilingualism, and the situation of Spanish in the United States. Taught in Spanish. Previously SP 0285.

**SPAN 3980 Internship****3 Credits****Prerequisite:** Junior standing.

The internship program gives students first-hand experience in the fields of translation, interpretation, cataloging, public relations, advertising, teaching, etc., in the language of their specialization. Department members, who agree to guide the endeavor, supervise student work. When required by a faculty supervisor, evaluation of student interns may be required from the institution where students work. The student's work should demand no less than one full day per week, or its equivalent. Previously SP 0377-0378.

**SPAN 3990 Independent Study****3 Credits****Prerequisite:** Junior standing.

Students undertake readings and studies in a specialized area of Spanish, under the direction of a staff member. Designed to fill the special needs of specific students, this course is offered at the discretion of the department chair. Enrollment by permission only. Previously SP 0382.

**SPAN 4302 Remembering the Spanish Civil War Through Contemporary Literature and Film****3 Credits****Attributes:** SPME Spanish Major or Minor Elective**Prerequisite:** SPAN 3245.

This course examines the recent investigative and cultural expression of events of the Spanish Civil War (1936-39), Franco Dictatorship (1939-75), and Transition to Democracy (1975-82). This cultural production parallels a push to physically excavate hundreds of Civil-War mass graves. Much like the demands to recover family members' bodies from these graves, an explicit social justice agenda is motivating novelists, playwrights, and filmmakers while they excavate the memory of these events. Through the study of contemporary Spanish literature and film, we examine the complex relationships between politics, social justice, cultural production, and the push to 'recover' Spain's historical memory. Previously SP 0302.

**SPAN 4305 Popular Culture in Latin America****3 Credits****Attributes:** LCEL LACS Minor: Elective, LCSC LACS Minor: Spanish Culture and Literature**Prerequisite:** SPAN 3245.

This course examines the interaction among mass, elite, traditional, and indigenous art forms, their relationship with the dynamics of national/cultural identity in Latin America in the 19th and 20th centuries, and globalization. Forms of expression include oral poetry and narrative; the folletín (19th-century melodramas by installment) to 20th-century 'fotonovelas', 'radionovelas', and 'telenovelas'; broadsides; comics; musical and political movements such as neo-folklore, new song, Nueva Trova, and Rock Latino; artistic movements such as Mexican muralist; traditional and popular crafts; cooking; popular dance; and film. Previously SP 0305.

**SPAN 4306 Cuban Film: A Close Look at the Revolution****3 Credits****Attributes:** LCEL LACS Minor: Elective, MWID Magis Core: Writing in the Discipline, SPME Spanish Major or Minor Elective, WDIV World Diversity**Prerequisite:** SPAN 3245.

This class investigates topics in Cuban history, culture, and politics, by focusing on the impact of the Cuban Revolution on society as presented through one of the strongest contemporary Cuban cultural artifacts: Cuban film and film about Cuba. Since 1959 film has played a crucial role in officially narrating, shaping, critiquing and questioning the Revolution. We will analyze how film continues to serve as a space to reflect on the complexities of Cuban society, and how social media and technology is now challenging the limits of Cuban film, and possibly of the Revolution itself. Previously SP 0306.

**SPAN 4307 Translation Theory and Practice: Spanish and English****3 Credits****Attributes:** SPME Spanish Major or Minor Elective**Prerequisite:** SPAN 3245.

This course offers an introduction to the field of Translation Studies, both from theoretical and practical perspectives. Great emphasis will be placed on the translation process through continuous practice inside and outside of the classroom. Likewise, metalanguage and key concepts from translation theory will be progressively introduced through readings to facilitate the critical reflection and discussion of translation problems and solutions. The course will be taught in Spanish. Previously SP 0307.

**SPAN 4309 Bilingualism in the Spanish-Speaking World****3 Credits****Attributes:** SPME Spanish Major or Minor Elective**Prerequisite:** SPAN 3245.

The theme of this course is the issue of bilingualism, analyzed from three different angles: sociolinguistic, psycholinguistic, and educational. Bilingualism is a natural and widespread phenomenon, and research on this area has been growing over the last years in various fields, such as Applied Linguistics, Psychology, Sociology, or Education. Approximately half of the world population speaks two or more languages, and current research also shows cognitive advantages for those who speak more than one language. This course will offer students a critical overview of this phenomenon from the three perspectives mentioned above. The course will be conducted in Spanish. Previously SP 0309.

**SPAN 4311 Glory, Splendor, and Decay: Spanish Golden Age Literature****3 Credits****Prerequisite:** SPAN 3245.

This course studies the most important literary manifestations of the 16th and 17th centuries' Golden Age Spanish culture, with emphasis on Cervantes, Tirso de Molina, Lope de Vega, Quevedo, Góngora, and Calderón de la Barca. Previously SP 0311.

**SPAN 4341 20th Century Spanish Literature****3 Credits****Prerequisite:** SPAN 3245.

This course examines works and literary movements from the early part of the 20th century (Generation of '98) to present times. Representative authors include Unamuno, Baroja, Valle-Inclán, García Lorca, J.R. Jiménez, Cela, Laforet, Delibes, and Matute. Previously SP 0341.

**SPAN 4346 Contemporary Spanish Theatre****3 Credits****Prerequisite:** SPAN 3245.

This course examines several current themes in contemporary Spanish theatre. One topic is how Spanish theatre has engaged with the memory of historical moments such as the Spanish Civil War (1936-39), the ensuing Franco dictatorship (1939-75), and terrorism under democratic rule, particularly the post-9/11 terrorist bombings in Madrid. While reading a selection of contemporary Spanish plays, we will study the strategies used by playwrights to evoke or avoid the historical memory of these events. Previously SP 0346.

**SPAN 4353 Spanish-American Narrative****3 Credits****Attributes:** LCEL LACS Minor: Elective, LCSC LACS Minor: Spanish Culture and Literature**Prerequisite:** SPAN 3245.

This critical analysis and discussion of key words of the narrative genre emphasizes the 20th-century development of the novel and short story. Authors include Azuela, Quiroga, Borges, Bombal, Somers, Cortázar, García Márquez, Fuentes, Ferré, and Allende. The course also considers experimental writing, the short story of fantasy, testimonio, and others, and requires critical papers and oral reports. Open to juniors and seniors only. Previously SP 0353.

**SPAN 4357 The Spanish Novel****3 Credits****Prerequisites:** SPAN 3245, junior standing.

This course studies the novel of Spain from its first tentative manifestation with the picaresque through its major development with Cervantes and into the 20th century, emphasizing the works of more important writers. Previously SP 0357.

**SPAN 4359 Culture, Civilization, and Literature in the Spanish-American Caribbean Region****3 Credits****Attributes:** EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, LCEL LACS Minor: Elective, LCSC LACS Minor: Spanish Culture and Literature, PJST Peace and Justice Studies, WDIV World Diversity**Prerequisites:** SPAN 3245, junior standing.

This study and explanation of distinctive elements of Puerto Rico, Cuba, Dominican Republic, and Central American countries focuses on the fusion of indigenous, Black, and Hispanic as manifestation in the Spanish-American Caribbean Region. Students will read, study, and critically analyze relevant documents, and cultural materials from pre-Columbian populations until the contemporary period. Previously SP 0359.

**SPAN 4360 Dictatorships and Revolutionary Movements in Contemporary Latin America****3 Credits****Attributes:** LCEL LACS Minor: Elective, LCSC LACS Minor: Spanish Culture and Literature, WDIV World Diversity**Prerequisite:** SPAN 3245.

This course will analyze various revolutionary movements in Latin America as well as the dictatorships that emerged in early 20th Century and ended almost at the turn of the century. We will discuss the new 'neo-socialist' governments that have emerged in 21st Century Latin America since the end of the Socialist Block (1990s), under the dominant global economy. In this class we will read, analyze, and discuss critical essays and literature (narrative, poetry, and testimonies), and other cultural forms (such as fiction and documentary films, art, music, etc). Previously SP 0360.

**SPAN 4371 Images of Latin American Indians****3 Credits****Attributes:** LCEL LACS Minor: Elective, LCSC LACS Minor: Spanish Culture and Literature, WDIV World Diversity**Prerequisites:** SPAN 3245, junior standing.

This course examines the vision of Latin American Indians from the first letters of the 'discoverers' and conquistadores (Colón, Cortés, Bernal Díaz del Castillo), and missionaries (Bartolomé de las Casas) through relevant novels, short stories, and films of the 19th and 20th centuries. To understand the post-discovery vision of the Indians, this course also studies the major pre-Columbian civilization of Mesoamerica and the Andean region. Authors include: Matto de Turner, Icaza, Arguedas, Castellanos, and others. Previously SP 0371.

**SPAN 4391 Introduction to Translation and Interpreting Studies, Spanish <> English****3 Credits****Attributes:** SPME Spanish Major or Minor Elective**Corequisite:** SPAN 4392.**Prerequisite:** Placement exam.

This course offers an exploration of key principles, main schools of thought, and fundamental controversies in translation and interpreting theory. It will provide a conceptual foundation for students to draw on when describing, planning, assessing, and justifying their translations. English-Spanish translations will be used to discuss theoretical concepts. The course will be taught in English and Spanish.

**SPAN 4392 Non-Specialized Translation Practice, Spanish <> English****3 Credits****Attributes:** SPME Spanish Major or Minor Elective**Corequisite:** SPAN 4391.**Prerequisite:** Placement exam.

This course offers advanced intensive translation practice of non-specialized, non-fiction, non-literary texts. It will focus on the different steps of the translation process and it will emphasize detection and solving of translation problems through continued practice and reflection. Translation from Spanish into English will be prioritized, but translation from English into Spanish will also be practiced. The will be taught in English and Spanish.

**SPAN 4393 Computer-Assisted Translation Tools, Spanish <> English****3 Credits****Attributes:** SPME Spanish Major or Minor Elective**Corequisite:** SPAN 4394.**Prerequisite:** SPAN 4391, SPAN 4392.

This course offers a hands-on introduction to computer-assisted translation tools used in the translation industry with a particular emphasis on SDL Trados Studio. Students will learn how to translate and review using SDL Trados Studio and how to manage terminological data using SDL Multiterm through the complexation of various English-Spanish translation tasks which mirror professional practice. The course will be taught in English and Spanish.

**SPAN 4394 Commercial and Legal Translation, Spanish <> English****3 Credits****Attributes:** SPME Spanish Major or Minor Elective**Corequisite:** SPAN 4393.**Prerequisite:** SPAN 4391, SPAN 4392.

This course offers an introduction to the specifics of commercial and legal translation through advanced intensive translation practice of specialized commercial and legal texts. Translation from Spanish into English will be prioritized, but translation from English into Spanish will also be practiced. The course will be taught in English and Spanish.

**SPAN 4395 Medical Translation, Spanish <> English****3 Credits****Attributes:** SPME Spanish Major or Minor Elective**Corequisite:** SPAN 4396.**Prerequisite:** SPAN 4393, SPAN 4394.

This course offers an introduction to the specifics of medical translation through advanced intensive translation practice of specialized medical texts. Translation from Spanish into English will be prioritized, but translation from English into Spanish will also be practiced. The course will be taught in English and Spanish.

**SPAN 4396 Community Interpreting, Spanish <> English 3 Credits****Attributes:** SPME Spanish Major or Minor Elective**Corequisite:** SPAN 4395.**Prerequisite:** SPAN 4393, SPAN 4394.

This course offers an introduction to interpreting in community settings, emphasizing medical and legal contexts. Sight translation, consecutive interpreting, and simultaneous interpreting will be practiced. The course will be taught in English and Spanish.

**SPAN 4999 Capstone Seminar 3 Credits****Attributes:** LCEL LACS Minor: Elective**Prerequisite:** Senior standing.

This course is the senior capstone, in which every senior Spanish major during the spring semester of their senior year must complete a research paper for the major. The topic varies according to the professor teaching the capstone that semester. Enrollment by permission only. Previously SP 0381.

Sarria  
Shur  
Syssoeva

## Professors Emeriti

Fedorchek  
Garcia-Devesa  
Hill  
Sourieau  
Webster

## French Major

### Requirements

For a 30-credit major in French, students complete the following:

Code	Title	Credits
Select at least 7 courses taught in French <sup>1</sup>		21
Select 2 additional courses from the department's French offerings or from the list of approved courses in other departments		6
Select one capstone seminar taught in English		3
Total Credits		30

<sup>1</sup> This may include FREN 2211 with a grade of B or better, and/or approved courses from study abroad partner institutions (list available upon request).

Students select their course of study from a variety of offerings including courses on composition and conversation, creative writing, France's culture, francophone cultures, literature, and film. French majors also have the opportunity to apply for internships that count towards the major. Students are encouraged to study abroad in France or in a francophone country either during the junior year or in the summer. The final course for the French major must be taken at Fairfield University.

All majors are urged to work closely with an advisor of their choice, as soon as possible, to plan a program of study.

The following list of courses taught in English have been approved to count toward the French major and minor.

Code	Title	Credits
AHST 1120	Medieval Art of Western Europe	3
AHST 1152	Modern Art	3
ENGL 1030	Fairy Tales	3
ENGL 1140	Caribbean Literature: History, Culture, and Identity *	3
HIST 2230	Early Modern France	3
PHIL 2209	Existentialism	3
PHIL 3307	Descartes	3

\* May require some additional work in French to be determined by the French advisor.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the

### Faculty

## Professors

Campos  
Carolan  
Rankin

## Associate Professors

Adrada-Rafael  
Farrell  
Goldfield, *chair*  
Johnson  
Xiao

## Assistant Professors

Díaz  
Gasca Jiménez  
Gaskill Shigeko (Visiting)  
Rodríguez Cortés (Visiting)

## Assistant Professors of the Practice

Erotopoulos  
Wilkinson

## Instructors of the Practice

Arango-Martín  
Hernández

## Lecturers

Arce  
Boyce  
Brea  
Christopher  
DeLuca  
Eliasoph, Y.  
Gizzi  
Lara  
Martinez-Meraz  
Morabito  
Pavon  
Rigo de Alonso

Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## French Minor

For a 15-credit minor in French, students complete the following:

Code	Title	Credits
Select at least 3 courses taught in French <sup>1</sup>		9
Select 2 additional courses from the department's offerings in French or English, or from the list of approved courses in other departments		6
Total Credits		15

<sup>1</sup> This may include FREN 2211 with a grade of B or better, and/or approved courses from study abroad partner institutions (list available upon request).

Students select their courses in consultation with a departmental advisor.

**The following list of courses taught in English have been approved to count toward the French major and minor:**

Code	Title	Credits
AHST 1120	Medieval Art of Western Europe	3
AHST 1152	Modern Art	3
ENGL 1030	Fairy Tales	3
ENGL 1140	Caribbean Literature: History, Culture, and Identity *	3
HIST 2230	Early Modern France	3
PHIL 2209	Existentialism	3
PHIL 3307	Descartes	3

\* May require some additional work in French to be determined by the French advisor.

## German Major

### Requirements

For a 30-credit major in German, students complete the following:

Code	Title	Credits
Select at least 7 courses taught in German <sup>1</sup>		21
Select up to 2 courses taught in English, either from the department's offerings or from the list of approved courses in other departments		6
Select one capstone taught in English		3
Total Credits		30

<sup>1</sup> This may include GRMN 2211 with a grade of B or better, and/or approved courses from study abroad partner institutions (list available upon request).

German majors also are encouraged to study abroad in Germany with Fairfield's programs in Bonn or Berlin either during the junior year or in the summer. The final course for the German major must be taken at Fairfield University.

**The following list of courses taught in English have been approved to count toward the German major and minor:**

Code	Title	Credits
AHST 1191	Art and Mythologies of Nazi Germany, Fascist Italy, Bolshevik Russia: Comparative Systems & Outcomes	3
ENGL 1130	Literature of the Holocaust	3
HIST 1112	Germany Between Dictatorship and Democracy	3
HIST 2210	The Third Reich	3
HIST 2212	Modern Germany: From Reich to Republic	3
HIST 3304	The Holocaust in History and Memory	3
MUSC 1124	Bach and Beethoven	3
PHIL 3311	Kant	3

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## German Minor

For a 15-credit minor in German, students complete the following:

Code	Title	Credits
Select at least 3 courses taught in German <sup>1</sup>		9
Select 2 additional courses from the department's offerings in German or English, or from the list of approved courses in other departments		6
Total Credits		15

<sup>1</sup> This may include GRMN 2211 with a grade of B or better, and/or approved courses from study abroad partner institutions (list available upon request).

Students select their courses with a departmental advisor.

**The following list of courses taught in English have been approved to count toward the German major and minor:**

Code	Title	Credits
AHST 1191	Art and Mythologies of Nazi Germany, Fascist Italy, Bolshevik Russia: Comparative Systems & Outcomes	3
ENGL 1130	Literature of the Holocaust	3
HIST 1112	Germany Between Dictatorship and Democracy	3
HIST 2210	The Third Reich	3
HIST 2212	Modern Germany: From Reich to Republic	3
HIST 3304	The Holocaust in History and Memory	3
MUSC 1124	Bach and Beethoven	3
PHIL 3311	Kant	3

# Italian Major

## Requirements

For a 30-credit major in Italian, students complete the following:

Code	Title	Credits
	Select at least 7 courses taught in Italian <sup>1</sup>	21
	Select 2 additional courses from the department's offerings in Italian or English, or from the list of approved courses in other departments	6
	Select one capstone seminar taught in English	3
	<b>Total Credits</b>	<b>30</b>

<sup>1</sup> This may include ITLN 2211 with a grade of B or better, and/or approved courses from study abroad partner institutions (list available upon request).

Students select their course of study from a variety of offerings including courses on creative writing, contemporary culture and film, the short story, literature of the New World, theater, and Dante (which is offered in translation; majors are encouraged to do their written work in Italian). Italian majors also have the opportunity to apply for internships that count towards the major. Students are encouraged to study abroad at our affiliate in Florence either during the junior year or in the summer. The final course for the Italian major must be taken at Fairfield University.

All majors are urged to work closely, as soon as possible, with an advisor of their choice to plan a program of study.

**The following courses taught in English have been approved to count toward the Italian major and minor:**

Code	Title	Credits
AHST 1112	Etruscan and Roman Art and Archaeology	3
AHST 1130	Early Renaissance Art in Italy	3
AHST 1191	Art and Mythologies of Nazi Germany, Fascist Italy, Bolshevik Russia: Comparative Systems & Outcomes	3
HIST 2203	European Society in the Middle Ages	3
HIST 2222	The Roman Revolution	3
HIST 2223	Roman World in Late Antiquity, 284-642 CE	3
POLI 2335	Modern Political Ideologies	3
POLI 2250	European Politics and the European Union	3
RLST 2443	The Papacy	3

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Italian Minor

For a 15-credit minor in Italian, students complete the following:

Code	Title	Credits
	Select at least 3 courses taught in Italian <sup>1</sup>	9
	Select 2 additional courses from the department's offerings in Italian or English, or from the list of approved courses in other departments	6
	<b>Total Credits</b>	<b>15</b>

<sup>1</sup> This may include ITLN 2211 with a grade of B or better, and/or approved courses from study abroad partner institutions (list available upon request).

Students select their courses in consultation with a departmental advisor.

**The following courses taught in English have been approved to count toward the Italian major and minor:**

Code	Title	Credits
AHST 1112	Etruscan and Roman Art and Archaeology	3
AHST 1130	Early Renaissance Art in Italy	3
AHST 1191	Art and Mythologies of Nazi Germany, Fascist Italy, Bolshevik Russia: Comparative Systems & Outcomes	3
HIST 2203	European Society in the Middle Ages	3
HIST 2222	The Roman Revolution	3
HIST 2223	Roman World in Late Antiquity, 284-642 CE	3
POLI 2335	Modern Political Ideologies	3
POLI 2250	European Politics and the European Union	3
RLST 2443	The Papacy	3

# Spanish Major

## Requirements

For a 30-credit major in Spanish, students complete the following:

Code	Title	Credits
SPAN 2220	Topics in Language and Culture <sup>1</sup>	3
	or SPAN 2220H Advanced Spanish for Heritage Speakers	
SPAN 3245	Analysis and Interpretation of Hispanic Literature	3
SPAN 4999	Capstone Seminar <sup>2</sup>	3
	Select one course from each of the following areas:	9

### Area 1: Peninsular (Spanish) Literature and Culture

SPAN 3251	Spanish Civilization and Culture
SPAN 4302	Remembering the Spanish Civil War Through Contemporary Literature and Film
SPAN 4311	Glory, Splendor, and Decay: Spanish Golden Age Literature
SPAN 4341	20th Century Spanish Literature
SPAN 4346	Contemporary Spanish Theatre
SPAN 4357	The Spanish Novel

### Area 2: Latin American Literature and Culture

SPAN 3253	Spanish-American Civilization
SPAN 3271	Hispanic Film
SPAN 4305	Popular Culture in Latin America
SPAN 4306	Cuban Film: A Close Look at the Revolution



SPAN 4353	Spanish-American Narrative
SPAN 4359	Culture, Civilization, and Literature in the Spanish-American Caribbean Region
SPAN 4360	Dictatorships and Revolutionary Movements in Contemporary Latin America
SPAN 4371	Images of Latin American Indians

**Area 3: Linguistics, Translation Studies, and Spanish for Special Purposes**

SPAN 3225	Spanish and English in Contrast
SPAN 3231B	Career-Oriented Spanish for Business
SPAN 3231N	Career-Oriented Spanish for Nursing and Health Studies
SPAN 3285	Introduction to Spanish Linguistics
SPAN 4307	Translation Theory and Practice: Spanish and English
SPAN 4309	Bilingualism in the Spanish-Speaking World
Select 4 additional 2000- or 3000-level Spanish courses	
Total Credits	

- <sup>1</sup> Students who self-identify as Spanish heritage speakers during the placement process will take SPAN 2220H. Students who received their high school education in Spanish, in a Spanish-speaking country, may not take SPAN 2220. However, they must still take 30 credits for the major or 15 credits for the minor.
- <sup>2</sup> Students must take this course during the fall semester of their senior year.

**Notes:**

- SPAN 2220 Topics in Language and Culture or SPAN 2220H Advanced Spanish for Heritage Speakers is a prerequisite for all subsequent Spanish classes. After taking SPAN 2220 or SPAN 2220H, students may take all remaining 2000-level courses (required and elective) at any time and in any order.
- SPAN 3245 Analysis and Interpretation of Hispanic Literature is a prerequisite for all 3000-level classes.
- Spanish Majors must take at least three 3000-level courses, including the capstone.
- All of the above required courses, except the four additional electives, must be taken at Fairfield University and not abroad. Courses taken abroad will count as electives.
- Some three-credit internships may be applied toward one of the four elective courses.

**Study Abroad**

Major requirements may include approved courses from study abroad partners, and ultimately the final approval for said courses resides with the Spanish Faculty. Please consult with a Spanish faculty member before registering for courses abroad. Students are encouraged to study abroad in a Spanish speaking country. In order to have courses taken abroad count toward the Spanish major or minor, two conditions must be met:

1. The courses are taught entirely in Spanish.
2. The content is related to some aspect of Latin American or Spanish culture, history, linguistics, politics, or literature.

**Magis Core Curriculum**

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

**Spanish Minor**

For a 15-credit minor in Spanish, students complete the following:

Code	Title	Credits
SPAN 2220	Topics in Language and Culture <sup>1</sup> or SPAN 2220H Advanced Spanish for Heritage Speakers	3
SPAN 3245	Analysis and Interpretation of Hispanic Literature	3
Select three upper-level Spanish electives <sup>2</sup>		9
Total Credits		15

- <sup>1</sup> Students who self-identify as Spanish heritage speakers during the placement process will take SPAN 2220H. Students who received their high school education in Spanish, in a Spanish-speaking country, may not take SPAN 2220. However, they must still take 30 credits for the major or 15 credits for the minor.
- <sup>2</sup> These electives may include any 2000- or 3000-level Spanish course beyond SPAN 2211 taught at Fairfield University, courses taken abroad, or the coordinated seminar with instructor approval. At least one of these electives must be a 3000-level course.

**Notes:**

- It is strongly recommended that all minors also take SPAN 3285 Introduction to Spanish Linguistics, SPAN 2220 Topics in Language and Culture or SPAN 2220H Advanced Spanish for Heritage Speakers as prerequisite for all subsequent Spanish classes. After taking SPAN 2220 or SPAN 2220H, students may take all remaining 2000-level courses (required and elective) at any time and in any order.

**Study Abroad**

Minor requirements may include approved courses from study abroad partners, and ultimately the final approval for said courses resides with the Spanish Faculty. Please consult with a Spanish faculty member before registering for courses abroad. Students are encouraged to study abroad in a Spanish speaking country. In order to have courses taken abroad count toward the Spanish major or minor, two conditions must be met:

1. The courses are taught entirely in Spanish.
2. The content is related to some aspect of Latin American or Spanish culture, history, linguistics, politics, or literature.

**Peace and Justice Studies**

The Peace and Justice Studies Program is an expression of the Jesuit educational commitment to the values of peace and justice. The program is based on the principle that true peace is not only the absence of hostilities but also requires the establishment of a just social order. Accordingly, the minor provides students with an opportunity to participate in the systematic study of a variety of issues in world peace

and social justice. It challenges students to give thoughtful consideration to how we might create change and develop a vision for the future.

## Student Learning Outcomes

Students completing the Program will have the opportunity to:

1. Identify the injustice, inequity, or oppression that is embedded in particular social, political or economic structures.
2. Explain how the concept or practice of activism is integral to peace and justice.
3. Demonstrate skills in oral or written communication regarding critical social issues.
4. Analyze critical questions about assumptions, biases, and worldviews.
5. Apply knowledge, awareness, or skills to problems of inequity and oppression.

## Programs

- Peace and Justice Studies Minor (p. 179)

## Courses

### PJST 3980 Internship

**3 Credits**

This internship provides students in the minor with the opportunity to understand, through direct participation, how citizens organize to empower their communities and promote policies that will benefit them. Interns are placed with community organizations in the greater Bridgeport area and some placements include advocacy work in the state legislature in Hartford. The internship requires a journal and final reflection paper based on analysis of the site experience and its relationship to peace and justice. Enrollment by permission only. Previously PJ 0298.

### PJST 4999 Capstone Research Seminar

**3 Credits**

This course creates a context for integrating and reflecting on experiences and knowledge acquired in the program by providing the students the opportunity to examine how their major connects to the values and practices of peace and justice. Students undertake a major research project focused on applying their practical engagement with peace and justice issues to broader theoretical frameworks with attention to contemplating a vision for change in the future. The course is built around student-led discussion and an in-depth research project that analyzes an issue from the student's major area of study through the lens of peace and justice. Previously PJ 0398.

## Faculty

### Director

Labinski (Philosophy)

### Coordinating Faculty

Cassidy (Politics)

Hohl (History)

Johnson (Modern Languages and Literatures)

Purushotham (History)

Quan (Center for Faith and Public Life)

Sealey (Philosophy)

## Contributing Faculty

Boryczka (Politics)

Bucki (History)

Garvey (English)

Lakeland (Religious Studies)

Leatherman (Politics)

Li (History)

Patton (Politics)

McFadden (History)

Pearson (English)

Rodrigues (Sociology and Anthropology)

## Peace and Justice Studies Minor

For a 15-credit minor in Peace and Justice Studies, students complete the following:

Code	Title	Credits
POLI 2331	Introduction to Peace and Justice	3
Select three electives in Peace and Justice Studies		9
PJST 4999	Capstone Research Seminar	3
Total Credits		15

Students pursuing a peace and justice studies minor may also elect PJST 3980 Internship. This internship provides students in the minor with the opportunity to understand, through direct participation, how citizens organize to empower their communities and promote policies that will benefit them. Interns are often placed with community organizations in the greater Bridgeport area and some placements include advocacy work in the state legislature in Hartford. The internship is currently an elective and not required of students in the minor.

### Peace and Justice Studies Electives

Below are examples of courses that fulfill the elective requirement. This list is suggestive only. Numerous other courses may also serve as electives; consult with the director for additional information.

Code	Title	Credits
AETH 2276	Ethical Dimensions of Global Business Practices	3
AETH 2283	Environmental Justice	3
AETH 2284	Environmental Ethics	3
ANTH 2015	Refugees and Culture	3
BLST 1101	Black Lives Matter	3
COMM 3245	Identities, Discourse, and Social Change	3
ECON 3225	Applied Environmental Economics	3
ENGL 1130	Literature of the Holocaust	3
ENGL 1140	Caribbean Literature: History, Culture, and Identity	3
HIST 2245	Feminism in the United States	3
HIST 2257	Who Built America? Working People in America	3
HIST 2265	History of the Indian Subcontinent: Colonialism, Nationalism, and Democracy, c.1857 to Today	3
HIST 2274	Historical Perspectives on Contemporary Global Crises	3

INST 1051/ POLI 1104	Introduction to International Relations	3
PHIL 2260	Social and Political Philosophy	3
PHIL 2282	Violence and the Sacred	3
POLI 2257	Northern Ireland: Politics of War and Peace	3
POLI 2336	Politics of Race, Class, and Gender	3
RLST 2335	Liberation Theology	3
RLST 2662	Afro-Caribbean and African American Religions: Shout, O Children!	3
SOCI 1135	Race, Gender, and Ethnic Relations	3
SOCI 2100	American Class Structure	3
SOCI 2215	Death Penalty in America	3
SPAN 4359	Culture, Civilization, and Literature in the Spanish-American Caribbean Region	3

## Philosophy

According to Plato's Socrates, the love of wisdom (*philosophia*) begins in wonder. In the nearly 2,500 years since Plato made this observation, philosophy has evolved into a vocation of incessant questioning in which nothing is taken for granted. Today, philosophers from a variety of traditions and spheres of inquiry continue to grapple with the field's most enduring questions, questions like: Who am I? Why am I here? What is the nature of reality? How do I know? What should I do? The Department of Philosophy invites students to take up this vocation by introducing them to its history and aiding them in cultivating the critical and creative thinking necessary for its study.

The Department of Philosophy has adopted the following Student Learning Goals:

1. The ability to identify arguments and provide counter-arguments
2. The critical engagement with and the questioning of one's assumptions
3. The thoughtful integration of action with values
4. The existential risking of crisis and transformation through self-reflection
5. The acceptance of the invitation of philosophy to wonder at the big questions

The Department of Philosophy has also adopted the following Student Learning Objectives:

1. Thinking Skills: Students should be able to construct (or re-construct) a philosophical argument, both verbally and in writing. They should be able to anticipate and clearly articulate counter-arguments. Students should be able to recognize and question their own assumptions/prejudices. Students should be able to frame questions aware that what is asked often determines the response.
2. Reading Skills: Students should be able to interpret texts and to recognize and reflect on textual ambiguities. Students should be able to discern the steps of a philosophical argument, as well as the stated and (more importantly) unstated presuppositions of the argument.
3. Writing Skills: Students should be able to write logically compelling arguments in a clear, concise, and well-ordered manner.
4. Familiarity with some of the central philosophical questions in the history of philosophy (broadly construed): Students should have a rudimentary knowledge of the history of philosophical questions and their attendant concepts and arguments, and be able to

recognize versions of these questions in contemporary philosophical discussions. Students should be able to recognize and articulate alternative perspectives to the problems and claims with which they are confronted in contemporary life.

5. Students should be able to reflect critically on philosophical questions in the context of their own lives.

## Programs

- Leadership Ethics Minor (p. 185)
- Philosophy Major (p. 186)
- Philosophy Minor (p. 186)

## Courses

### LETH 3980 Leadership Ethics Internship

3 Credits

**Prerequisite:** Junior standing.

This course provides CAS majors and minors with an opportunity to foster professional and intellectual development through relevant internships. Students will engage in and reflect critically upon a work experience with businesses, industry, government, non-profits, or education. The experience is designed to integrate the student's academic pursuits, personal and intellectual development, and career preparedness through an ongoing reflective process that includes weekly journaling, group meetings, and assigned readings. Its aim, broadly, is to give students the tools to apply ethical theory to their work experiences, and to gain experience in developing the skills of ethical leadership. Previously LE 0256.

### PHIL 1101 Introduction to Philosophy

3 Credits

This course is a topical introduction to philosophy. The aim of the course is to introduce students to the vocation of wonder and questioning by engaging students in discussions about some of the basic questions of philosophy. Students will read texts from historical and contemporary writers, and will be asked to develop their own skills of thinking, reading, and writing critically. Previously PH 0101.

### PHIL 2200 Ancient Philosophy

3 Credits

**Prerequisite:** PHIL 1101.

In this course we will investigate how the earliest practitioners of Western philosophy conceived of their own activity. The word philosophy' stems from two ancient Greek words and means, literally, 'love of wisdom.' A lover of wisdom is one who pursues wisdom rather than possesses it; consequently, we can think of ancient philosophers as founding a history of inquiry into questions whose relevance for human beings ensures their persistence, questions like: What is the nature of the universe? What can be known? and What in any given situation is the right thing to do? Previously PH 0200.

### PHIL 2201 Medieval and Renaissance Philosophy

3 Credits

**Prerequisite:** PHIL 1101.

This course will examine texts from representative thinkers from Augustine of Hippo in the period of the post-Constantinian Empire to Thomas More in the Renaissance, all sharing the new conception of philosophy. For Christians, as well as for Muslims and Jews, the enterprise of philosophy took on new motivation: the understanding of one's faith, and addressed new problems, not considered by the ancient Greeks and Romans. Previously PH 0201.

**PHIL 2202 Modern Philosophy****3 Credits****Prerequisite:** PHIL 1101.

In light of the development and success of the new mechanistic science in the 17th and 18th centuries philosophers began to reexamine such fundamental philosophical topics as the nature of the human mind, the relationship between the mind and body, the source and scope of human knowledge, the existence of a divine being, and the source and nature of morality. In this course we will trace the development of philosophical thought in the writings of modern philosophers such as Bacon, Descartes, Spinoza, Leibniz, Locke, Berkeley Hume, Reid, and Kant. Previously PH 0202.

**PHIL 2204 20th Century Philosophy****3 Credits****Prerequisite:** PHIL 1101.

This course presents a coherent picture of the main currents of contemporary philosophy in the Western and the non-Western tradition: phenomenology and existentialism, pragmatism and analytic philosophy, Marxism and dialectic materialism, and philosophy of history and culture. Previously PH 0204.

**PHIL 2205 Ancient Medicine & Philosophy****3 Credits****Attributes:** HSTE Health Studies: Traditions, Delivery, and Ethics**Prerequisite:** PHIL 1101.

The various methods for investigating the human body have been subject to foundational questions of scientific investigation, religious sanction, social condemnation and philosophical impasse. In this class, we will look at the way in which Ancient Greek medical practitioners and philosophers took up these investigations, negotiated problems of method, and profoundly influenced the ways we talk about, think about and treat the body today. Previously PH 0205.

**PHIL 2206 Philosophical Perspectives on Women in Classical Literature****3 Credits****Attributes:** WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** PHIL 1101.

Ancient Greek and Latin literature presented its audience with a cast of characters who continue to enjoy social, political and cultural currency. Antigone and Oedipus, Helen and Paris, Cassandra and Prometheus have all had a hand in shaping western thought about the natures of beauty and freedom, the limits of human knowledge, and the role of law. In this course we will focus specifically upon the literary characterizations of women found throughout the ancient Greek and Latin worlds. Previously PH 0206.

**PHIL 2209 Existentialism****3 Credits****Attributes:** FREN French Course Taught in English**Prerequisite:** PHIL 1101.

The word existentialism describes a particular attitude toward the creation of meaning out of an inherently meaningless existence. Despite the diversity within the tradition, the existentialists of the 19th and 20th century often address questions pertaining to human freedom and responsibility, values and nihilism, anguish and affirmation, authenticity, and the absurd. This course traces how existentialism has answered these questions. In so doing, students are encouraged to rethink the foundation of their own existence and personal values, while understanding the implications of Dostoyevsky's 'If God is dead, then everything is permitted' and Sartre's 'Man is condemned to be free.' Previously PH 0209.

**PHIL 2210 Phenomenology****3 Credits****Attributes:** CAOT Catholic Studies: Non-Religious Studies**Prerequisite:** PHIL 1101.

This course introduces students to phenomenology. Considered by many to be the most important theoretical movement of the 20th-Century, phenomenology is both a philosophical tradition and a method. From its founder Edmund Husserl to authors like Heidegger, Merleau-Ponty, Sartre, Derrida, and Levinas, to more recent voices in broader gender and race discussions, phenomenology still has significant influence today in existentialism, hermeneutics, and deconstruction. Students will engage in questions such as these: What is phenomenology? How is it practiced? What distinguishes this method from other approaches? What are its key contributions? Previously PH 0210.

**PHIL 2215 Philosophy of Science****3 Credits****Prerequisite:** PHIL 1101.

Science and philosophy have always proceeded hand in hand, with the major figures in Western science being heavily influenced by the philosophy of their times and the major figures in Western philosophy heavily influenced by the science of their times. In this course we will explore the interconnections between philosophy and science. In doing so we will find some of the most deep, difficult, and fundamental questions there are, but with the 'lens of science,' so to speak, focusing these questions more sharply than they are often otherwise focused. Previously PH 0215.

**PHIL 2216 Philosophy and Biology of Evolutionary Theory****3 Credits****Prerequisite:** PHIL 1101.

This course explores the question of evolutionary theory from the perspectives of philosophy and biology. From the biological perspective, the course focuses on genetics, adaptive evolution, neutral evolution, the genetic impact of selection on populations, the origin and maintenance of genetic variation, the importance of development in evolution, the expression of variation, and coevolution. From the philosophical perspective, the course focuses on evolution as theory and ideology, the critique of the adaptationist program, evolution and contingency, typological versus population thinking, and the developmental systems critique. Crosslisted with BIOL 1095. Previously PH 0216.

**PHIL 2217 Logic****3 Credits****Prerequisite:** PHIL 1101.

This course provides a basic acquaintance with prevailing systems and methods of logic, notably traditional (Aristotelian) and modern (standard mathematical) logics. Previously PH 0217.

**PHIL 2218 Philosophy and Biochemistry of Food and Eating Practices****3 Credits****Prerequisite:** PHIL 1101.

An essential and necessary component of our daily lives, food offers itself as one of the most interesting topics of cultural and scientific discussion. This course is designed to analyze food and eating practices from the twofold perspective of philosophy and biochemistry. The intersections of philosophy and biochemistry will be highlighted in topics such as 'Food as Art' (juxtaposing the aesthetic and biomolecular properties of food) and 'Food in Culture' (contrasting how societies prepare and eat food with the nutrition and technology of food science). To accomplish our learning goals and spur lively discussions, we will combine a lecture with activities such as trips to farms, museums, American 'terroirs', guest lectures, and in-class laboratory activities. Crosslisted with CHEM 1072. Previously PH 0218.



**PHIL 2220 Philosophy of Religion****3 Credits****Attributes:** CAOT Catholic Studies: Non-Religious Studies**Prerequisite:** PHIL 1101.

This course inquires into the nature of religion in general from the philosophical point of view. That is, it employs the tools of critical analysis and evaluation without a predisposition to defend or reject the claims of any particular religion. Previously PH 0220.

**PHIL 2221 The Question of Religion****3 Credits****Attributes:** CAOT Catholic Studies: Non-Religious Studies**Prerequisite:** PHIL 1101.

19th- and 20th-century continental philosophy calls into question the traditional understanding of religion, God, transcendence, incarnation, sacrifice, responsibility, evil, and ritual. This course explores the transformation of the traditional understanding of these ideas in the wake of thinkers such as Hegel, Kierkegaard, Nietzsche, Heidegger, Bataille, Lacan, Levinas, Girard, Nancy, Derrida, and Marion. Previously PH 0221.

**PHIL 2222 Evil****3 Credits****Prerequisite:** PHIL 1101.

This course explores the problem of evil from the perspectives of theology and philosophy. The course considers God and evil, classical theodicies (reasonable justifications of God before the prevalence of evil), modern philosophical accounts of evil, social evil, and the possibility of belief in the face of evil. Within the context of these subjects, the course addresses the following questions: What is evil? What are the roots of evil? What effect does an individual's understanding of evil have on their understanding of the human being, of God, and of religion? What is our responsibility in the face of evil? Previously PH 0222.

**PHIL 2223 The Problem of God****3 Credits****Attributes:** CAOT Catholic Studies: Non-Religious Studies**Prerequisite:** PHIL 1101.

This course studies the problem of the existence of God, including the metaphysical and epistemological issues entailed therein, as developed by such thinkers as Augustine, Anselm, Aquinas, Descartes, Hume, Spinoza, Kant, and Hartshorne. Previously PH 0223.

**PHIL 2224 Critical Thinking****3 Credits****Prerequisite:** PHIL 1101.

This course is designed to help students use the fundamentals of logic and rational discourse to sharpen and focus their argumentative abilities, to better evaluate claims for both soundness and validity, to identify bias and rhetorical devices, and to become more responsible social and political agents through enhanced analytic thinking. Previously PH 0224.

**PHIL 2230 Philosophy of Self and Subjectivity****3 Credits****Prerequisite:** PHIL 1101.

In 446 BCE, the Greek poet Pindar crafted this line: 'What is someone? What is someone not? A person is the dream of a shadow.' What does it mean to be a self or a subject? While most people would claim to know themselves, it is not always entirely clear what a 'self' is. This course examines the development and parameters of the self and subjectivity through the lens of major philosophical figures. First using a historical approach, then applying methods from contemporary schools of thought, the course investigates the self as both an anchor of security and source of complexity. Previously PH 0230.

**PHIL 2240 Introduction to Asian Philosophies****3 Credits****Attributes:** ANMC Asian Studies Elective, WDIV World Diversity**Prerequisite:** PHIL 1101.

This course provides a philosophical overview of the major philosophical traditions that originate in Indian and China, including significant philosophical responses and contributions to them from throughout greater Asia. These traditions include, but are not limited to, Hinduism, Buddhism, Confucianism, and Daoism. Emphasis is given to philosophical exegesis of texts and practices; some comparison with Western traditions may also be included. Previously PH 0240.

**PHIL 2241 Confucianism****3 Credits****Attributes:** ANMC Asian Studies Elective, WDIV World Diversity**Prerequisite:** PHIL 1101.

Confucianism is a reflective tradition that for over 2500 years has shaped social norms and moral values in East Asia. It underlies traditional political theory and religious practice and remains the template for social interactions. In this course we examine the Confucian tradition through its major figures and primary texts, from the Analects of Confucius (551-479 BCE) to the writings of contemporary Confucians. Emphasis is given to drawing out the philosophical content of Confucian thought by engaging both traditional commentaries and recent philosophical interpretations. We also assess the appropriateness of regarding certain practices and institutions as Confucian. Previously PH 0241.

**PHIL 2250 Ethical Theory****3 Credits****Prerequisite:** PHIL 1101.

This course presents an in depth examination of how moral judgments are justified. The history of philosophy has led to a number of different theoretical frameworks that seek to set out methods for moral justification. We examine several of these methods and reflect upon how they support and/or contradict each other and what is at stake when moral systems conflict. In addition to examining the writings of philosophers such as Plato, Aristotle, Hobbes, Kant, Nietzsche, Mill, and Rawls, students will be asked to consider how these theoretical frameworks apply in actual cases. Previously PH 0250.

**PHIL 2251 Ethical Theories in America****3 Credits****Attributes:** ASPH American Studies: Philosophy, ASUP American Studies Upper Level**Prerequisite:** PHIL 1101.

This course examines the growth and development of ethical theory in America. America's first philosophers, Jonathan Edwards, Benjamin Franklin, Thomas Jefferson, et al, distinguished their philosophies in terms of religious, political, and social values. This ethical stance became a tradition in America. The course examines this tradition in the writings of representative American philosophers. Previously PH 0251.

**PHIL 2252 Philosophy as a Way of Life****3 Credits****Prerequisite:** PHIL 1101.

This course examines the idea that philosophy should guide us in living good lives, a prominent view among ancient Greek and Roman philosophers. The course covers the question of what it is to live well or flourish as a human being, as well as spiritual exercises that are meant to assist one in living well or flourishing, including practices of meditation, writing, and manual labor. Our goal is not only to understand the competing positions of these authors, but also to determine whether philosophy as a way of life might have a role to play in the contemporary world. Previously PH 0252.



**PHIL 2255 Leadership Ethics Seminar****3 Credits**

**Prerequisites:** Two 2000- or 3000-level philosophy courses, junior standing.

What does it mean to be a 'real' leader? How are we to understand the relationship between leadership and the common good? What might inspire ethical leadership in the world today? The goal of this seminar is to synthesize and build upon your work in leadership ethics. To this end, students will be invited to explore and articulate your own philosophical responses to the following difficult questions: What makes a leader credible? What does it mean to influence another responsibly? What is power? How might leaders work for justice? To help in this endeavor, students will read some of the ways that philosophers have wrestled with these questions. Readings will challenge us to think critically about our own assumptions regarding the nature and importance of leadership. This critical process will encourage students to determine the qualities they hope to embody as a leader in the future. Previously PH 0255.

**PHIL 2260 Social and Political Philosophy****3 Credits**

**Attributes:** BSAH Black Studies: Arts and Humanities, BSCC Black Studies Component Course, PJST Peace and Justice Studies

**Prerequisite:** PHIL 1101.

This course analyzes the writings of leading social and political thinkers, with special consideration of the movements of protest and dissent. Previously PH 0260.

**PHIL 2263 The Concept of Human Rights****3 Credits**

**Attributes:** INEL International Studies / International Business Elective

**Prerequisite:** PHIL 1101.

Bosnia, Somalia, Guatemala, the Holocaust: The notion of human rights and accusations of human rights violations are a constant presence in our political environment and in the formulation of U.S. foreign policy. This course follows the emergence of this concept from the political and ethical thought of the Greeks, to the Enlightenment, to the explicit formulation of 'human rights' in the 20th century as a guiding principle of international relations. Previously PH 0263.

**PHIL 2264 Philosophy of Law****3 Credits**

**Prerequisite:** PHIL 1101.

This course examines the major questions of legal philosophy, the nature of legal rights and legal duties, the definition of law, and the grounds of legal authority. Previously PH 0264.

**PHIL 2265 Philosophy and Economic Anthropology****3 Credits**

**Attributes:** PMMP Philosophy Major: Major Philosopher

**Prerequisite:** PHIL 1101.

This course examines the economy from philosophical and anthropological perspectives. We will investigate why people produce and exchange things, why they seek to amass things in some circumstances and give them away in others, and how our modern understandings of value, debt, and rationality emerged. Previously PH 0265.

**PHIL 2267 (De)Colonizing the Human****3 Credits**

**Attributes:** ASPH American Studies: Philosophy

**Prerequisite:** PHIL 1101.

This course approaches the problem of colonialism and coloniality, as well as the task of decolonization from a philosophical perspective. As such, attention will be paid to generating the problem space and question sets needed to de-naturalize the everyday colonial structures that shape our human condition. Previously PH 0267.

**PHIL 2270 Aesthetics****3 Credits**

**Prerequisite:** PHIL 1101.

The course examines aesthetic experience and concepts like imitation, expression, and psychic distance, considers the relationships among the various arts, and explores the role of art in life. Previously PH 0270.

**PHIL 2272 Philosophy of Film****3 Credits**

**Prerequisite:** PHIL 1101.

Philosophy of film is one of the leading branches of philosophical aesthetics. While informed by and partly related to disciplines such as film studies, film theory, and film criticism, philosophy of film privileges a cognitive approach to the interpretation and study of film, an approach according to which film might be seen as doing philosophy per se, thus providing an original contribution to the overall philosophical panorama. The course begins with a critical overview of the most significant ontologies of film. Such a discussion is then followed, in the second and third units, by the exploration of issues pertaining to both the tradition of film studies and to the aforementioned cognitivist tradition. Among the issues considered, specific attention is given to the question of narrative, to emotions and film, and to the relation between fiction and nonfiction. A last unit will instead open the discussion to the relation between film and television and, more speculatively, to the future of film in the age of digital technologies. Previously PH 0272.

**PHIL 2281 Philosophies of Love and Sex****3 Credits**

**Attributes:** WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** PHIL 1101.

This course examines some of the major trends within traditional and feminist philosophies of love and sex. Possible topics include the nature of erotic love, the construction of sexual activity, and the social/political reality of pornography and prostitution. Previously PH 0281.

**PHIL 2282 Violence and the Sacred****3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, PJST Peace and Justice Studies, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** PHIL 1101.

Is religion essentially violent? How have religious principles been used to justify abuse? Who suffers the physical and spiritual effects of this hostility? What actions might we take in response to such suffering? This course examines the intersection of violence and the sacred, especially as it has emerged and been confronted within the Catholic/Christian tradition. Attention is paid to the works of both traditional and feminist philosophers. Possible topics include: child abuse, domestic violence, and racial violence. Previously PH 0282.

**PHIL 2283 Philosophy and Pornography****3 Credits**

**Attributes:** WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** PHIL 1101.

This course examines some of the major trends within traditional and feminist philosophies of pornography. Possible topics include the nature of pornography, the relationship between pornography and the construction of sexual desire, and the social/political consequences of pornography in our communities. Students must be at least 18 years of age. Previously PH 0283.

**PHIL 2900 Special Topics (Shell)****3 Credits**

**Prerequisite:** PHIL 1101.

This course explores a specific topic in the discipline of philosophy, in an effort to deepen students' vocations of incessant questioning not only by exploring a specific thinker, question, or historical period, but also by further developing their own thinking, reading, and critical writing skills. Previously PH 0299.

**PHIL 3300 Plato****3 Credits**

**Prerequisite:** Two courses in philosophy.

This course covers central ontological and epistemological themes in selected early, middle, and late Platonic dialogues, paying particular attention to Plato's inclination to identify virtue with knowledge. Previously PH 0300.

**PHIL 3301 Aristotle****3 Credits****Prerequisite:** Two courses in philosophy.

This course introduces Aristotle through a selection of his works, exploring their relation to other works, their place in the scheme of the sciences, and thoroughly investigating their subject matter. Previously PH 0301.

**PHIL 3304 Aquinas****3 Credits****Attributes:** CAOT Catholic Studies: Non-Religious Studies, ISIF Italian Studies: Italy-Focused**Prerequisite:** Two courses in philosophy.

This course focuses on Aquinas's most mature work, *Summa Theologiae*. This work exemplifies the Christian intellectual reaction to Islamic Aristotelianism, while at the same time bearing witness to Thomas's belief in the unity of truth. The course examines and analyzes such questions as the existence and intelligibility of God, the nature and powers of the human composite, human destiny, the human act, good and evil, providence and freedom, natural law, and the virtues. Previously PH 0304.

**PHIL 3307 Descartes****3 Credits****Attributes:** FREN French Course Taught in English**Prerequisite:** Two courses in philosophy.

Three years after he finished college, Descartes got stuck in a snowstorm on his way to fight in a war. Alone in his room, he reflected on his education, coming to believe that many of the things he had been taught in college were pretty dubious. He also realized that he had believed many things all his life without giving thought to his reasons for believing them. He decided the best thing he could do was rid himself of all his old beliefs and then, relying only on his own mind, replace them with only those beliefs for which he could find good reasons. This course discusses the development and results of Descartes' search for truth. Previously PH 0307.

**PHIL 3310 Hume****3 Credits****Prerequisite:** Two courses in philosophy.

This course offers an in-depth understanding of the philosophy of David Hume. Hume, one of the most interesting (and influential) of the 18th-century philosophers, made major contributions to our understanding of causation, morality, and the mind, to name just a few. Hume began with principles that seemed quite plausible but, taking these ideas to their logical conclusions, arrived at a philosophy that is, to say the least, surprising. Previously PH 0310.

**PHIL 3311 Kant****3 Credits****Prerequisite:** Two courses in philosophy.

Almost everyone recognizes that through experience the human mind is shaped by the world. Immanuel Kant, however, argued for the revolutionary claim that the world is shaped by the human mind. In developing this position Kant was led to formulate a radical view concerning the nature of space and time. It also led him to draw striking conclusions about our knowledge of ourselves, objects, causation, God, freedom, and immortality: conclusions that changed philosophy forever. In this class we will study Kant's revolution in philosophy. Previously PH 0311.

**PHIL 3314 Nietzsche****3 Credits****Prerequisite:** Two courses in philosophy.

This course deals with the thought of one of the leading philosophical figures of the 19th century, Friedrich Nietzsche. In terms of both style and content, Nietzsche was an innovator who called into question the traditional notions of science, systematic knowledge, ethics, and culture as such. The task of the course is to examine several themes central to Nietzsche's work, among them the will to power, the perspectival approach to truth, the concept of genealogy, the revaluation of values, eternal recurrence, and the death of God. Previously PH 0314.

**PHIL 3317 Heidegger****3 Credits****Prerequisite:** Two courses in philosophy.

This course explores the work of Martin Heidegger (1889-1976), one of the most influential philosophers of the 20th century. It primarily takes the form of a close reading of *Being and Time* (1927) and *The Origin of the Work of Art* (1936). The course hinges on Derrida's reading of Heidegger's existential analysis of death. Previously PH 0317.

**PHIL 3321 Knowledge****3 Credits****Prerequisite:** Two courses in philosophy.

The focus of this course is to examine the fundamental questions concerning human knowledge. For example: What is knowledge? Can I know anything? Do I know something because I can trace it back to some indubitable foundation or because it fits together with everything else like a piece of a jigsaw puzzle? Can I have knowledge without being able to say how I know it? Do men and women know things in different ways? Is knowledge something I can gain on my own or is knowledge essentially a social activity? Previously PH 0321.

**PHIL 3323 Philosophy of Mind****3 Credits****Prerequisite:** Two courses in philosophy.

This course acquaints students with the most recent philosophical theories on the workings of the mind. Although it emphasizes philosophical theories of the mind, it also pays close attention to the philosophical implications of recent research in sciences such as psychology and neuroscience. This is an exciting topic; join us on this quest to address the Delphic dictum: Know Thyself! Previously PH 0323.

**PHIL 3331 Philosophy of Language****3 Credits****Prerequisite:** Two courses in philosophy.

This course introduces the student to the philosophy of language: its themes, complexities and problems. Employing a historical approach, the course surveys key philosophers who investigate the meaning, source and structure of language. Typically their primary question investigates various ways that the human person, while immersed within a context, understands language. After a brief investigation of ancient and medieval thinkers, the course focuses on a number of modern and contemporary figures who represent the mainstream discussion of the philosophy of language, including representatives of both analytic and continental traditions. Previously PH 0331.

**PHIL 3340 Critical Theory****3 Credits****Prerequisite:** Two courses in philosophy.

This course examines the 20th century philosophical movement of cultural critique arising out of the association of German Jewish scholars known as the Frankfurt School. Central problems within this movement include the persistence of violence within human reason, the various forms and forces of ideology, the relation of political activity to artistic activity, the proper undertaking of immanent social critique, and the possibility of freedom in societies that are increasingly authoritarian. Representative thinkers within this field include Theodor Adorno, Max Horkheimer, Herbert Marcuse, Erich Fromm, and Walter Benjamin. Previously PH 0340.

**PHIL 3350 Advanced Topics in Ethics****3 Credits****Prerequisite:** Two courses in philosophy.

This course examines questions pertaining to the status and content of morality, such as the following. Are there universal moral truths, and what makes them true? Is morality objective, or is it constructed by communities or individuals? What makes an action right or wrong? What reasons do we have to be moral? This course examines competing answers to such questions and considers philosophical defenses of them. Previously PH 0350.

**PHIL 3360 Critical Race Theory****3 Credits****Attributes:** BSAH Black Studies: Arts and Humanities, BSFC Black Studies Focus Course, PJST Peace and Justice Studies, UDIV U.S. Diversity**Prerequisite:** Two courses in philosophy.

Although race can be considered as one of several physical features of an individual, this course will investigate the recent research and literature in the field of Critical Race Theory that critiques this purely biological conception. For the purpose of understanding how race functions in our socio-political world, this body of work treats the concept as a social construction, drawing heavily on the phenomenological and existential traditions. Pertinent themes like lived experience, authenticity, and racial privilege will be explored using key texts (by Jean-Paul Sartre, Franz Fanon, Lewis Gordon, and Robert Bernasconi, to name a few). Previously PH 0360.

**PHIL 3990 Independent Study****1-3 Credits****Prerequisite:** Two courses in philosophy.

Upon request and by agreement with an individual professor in the department, a student may conduct a one-semester independent study on a specific philosophical topic. Previously PH 0398.

**PHIL 4999 Capstone Experience****3 Credits****Prerequisite:** Two courses in philosophy.

This course is the culminating experience in a student's study of philosophy at Fairfield University. Students will be asked to reflect on their philosophical writings and activities over the course of their study, to synthesize and expand a selection of these, to critically and collegially engage with other students for the mutual improvement of their philosophical projects, and to prepare for a philosophical life after graduation regardless of their career choices. Open to philosophy majors and minors only. Previously PH 0399.

Fernandez  
Lew  
Ong  
Paone  
Piliero  
Rodrigues  
Smith  
Stambovsky  
Weekes

## Professors Emeriti

Coleman  
DeWitt  
Long  
Newton

## Leadership Ethics Minor

For a 15-credit minor in leadership ethics, students complete the following:

Code	Title	Credits
PHIL 1101	Introduction to Philosophy	3
PHIL 2224	Critical Thinking	3
PHIL 2255	Leadership Ethics Seminar	3
Select two additional ethics-designated courses <sup>1</sup>		6
Total Credits		15

<sup>1</sup> One ethics-designated course may be from another department or program, i.e. Applied Ethics, Honors, etc.

## Leadership Ethics Electives

Ethics designation is granted by the Philosophy department and confirms the following:

1. A majority of course content concentrates on at least one of the following: the history of ethics; logic and critical thinking; ethical theory and/or its contemporary applications.
2. The course places emphasis on at least two of the essential concepts of ethical leadership: character, influence, power, justice, and the common good.

Code	Title	Credits
PHIL 2205	Ancient Medicine & Philosophy	3
PHIL 2206	Philosophical Perspectives on Women in Classical Literature	3
PHIL 2210	Phenomenology	3
PHIL 2217	Logic	3
PHIL 2222	Evil	3
PHIL 2224	Critical Thinking	3
PHIL 2230	Philosophy of Self and Subjectivity	3
PHIL 2250	Ethical Theory	3
PHIL 2252	Philosophy as a Way of Life	3
PHIL 2260	Social and Political Philosophy	3
PHIL 2263	The Concept of Human Rights	3
PHIL 2264	Philosophy of Law	3
PHIL 2281	Philosophies of Love and Sex	3
PHIL 2282	Violence and the Sacred	3

## Faculty

### Professors

Brill, *chair*  
Keenan

### Associate Professors

Bayne  
Drake  
Labinski  
Naser  
Sealey  
Svoboda

### Lecturers

Botti  
Corcoran  
Daigle  
Davenport

PHIL 3300	Plato	3
PHIL 3301	Aristotle	3
PHIL 3314	Nietzsche	3
PHIL 3340	Critical Theory	3
PHIL 3350	Advanced Topics in Ethics	3
PHIL 3360	Critical Race Theory	3

## Philosophy Major

### Requirements

For a 30-credit major in philosophy, students complete the following:

Code	Title	Credits
PHIL 1101	Introduction to Philosophy	3
PHIL 2217	Logic	3
Select one additional 2000-level Philosophy course		3
Select one of the following courses which provide an intensive study of a major philosopher and emphasize primary sources:		3
PHIL 3300	Plato	
PHIL 3301	Aristotle	
PHIL 3304	Aquinas	
PHIL 3307	Descartes	
PHIL 3310	Hume	
PHIL 3311	Kant	
PHIL 3314	Nietzsche	
PHIL 3317	Heidegger	
Select five additional 2000- or 3000-level elective courses in Philosophy <sup>1</sup>		15
PHIL 4999	Capstone Experience	3
Total Credits		30

<sup>1</sup> At least three of these must be 3000-level courses.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Philosophy Minor

For a 15-credit minor in philosophy, students complete the following:

Code	Title	Credits
PHIL 1101	Introduction to Philosophy	3
Select one 2000-level Philosophy course		3
Select three additional Philosophy courses with departmental guidance <sup>1</sup>		9
Total Credits		15

<sup>1</sup> At least one of these must be a 3000-level Philosophy course.

## Physics

Physics is the study of how the world works: from fiber optic communications to the CCD chips in your phone; from bridges to radio antennas; from subatomic particles to stars and galaxies; physicists study it all.

The educational objectives of the Department of Physics are:

1. To train students to become critically thinking problem solvers.
2. To develop students' mathematical, computational, and laboratory skills to understand and solve scientific problems.
3. To prepare students for entrance into the technological and non-technical work forces.

To accomplish these objectives, physics students are guided to an understanding of physical laws and their applications; students learn to think logically and develop their problem-solving abilities; students develop experimental skills and become knowledgeable in the use of instrumentation; and students receive instruction in advanced mathematical and analytical techniques and in the use of computers and microprocessors. The applied component of the physics curriculum focuses on laser technology, applications in biology and medicine, and nanotechnology and materials science. Students learn the fundamental physical processes that constitute the basis of modern technology and engineering. We strongly encourage students to work with our faculty members on research ranging from biophotonics, astronomy, to high energy physics. Finally, students will complete a Senior Capstone Project which is an integrative project, chosen by our students and executed with the help of a faculty mentor. Here, students will apply their classroom knowledge to concrete challenges at the forefront of physics. Past capstones, for example, have ranged from quantum computing, to detecting early-stage cancer, to monitoring the earth's ionosphere using low-frequency radio receivers. Physics majors automatically earn a minor in mathematics.

Whether your interest is teaching high school, working in a high-tech company, or continuing on to graduate school and a research career, our combination of a solid classroom foundation and student research will give you an outstanding starting point for your future career. Physics graduates can pursue graduate studies in any sub-field of physics and related fields such as engineering, follow industrial careers in research and development in corporate or industrial environments, or pursue professional careers in such fields as physics, engineering, computer science, finance, medicine, biology, architecture, patent/high-tech law, and science teaching, just to name a few.

### Programs

- Physics Major (p. 190)
- Physics Minor (p. 191)

## Courses

### PHYS 1071 Physics of Light and Color

3 Credits

**Attributes:** EDCG Educational Studies Cognate

This course, intended for students who are not majoring in the physical sciences, covers the particle-wave duality of light and the relationship of light to other electromagnetic waves. Additional topics include polarization, vision, color and the perception of color, optical phenomena in nature and in biological systems, color and light in art, simple optical instruments, sources of light and their spectra, lasers, and holography. Previously PS 0071.

### PHYS 1076 Physics of Sound and Music

3 Credits

**Attributes:** EDCG Educational Studies Cognate

Designed for the non-science major, this course examines the physical principles in the production of sound, with an emphasis on sound produced by musical instruments. Topics include the nature of wave motion as produced by vibrating strings and organ pipes, harmonic content, musical scales and intervals, and the mechanism of the hearing process. The course applies concepts to the construction and characteristics of musical instruments and to the design of auditoriums and concert halls. Previously PS 0076.

### PHYS 1077 Science and Technology of War and Peace

3 Credits

**Attributes:** EDCG Educational Studies Cognate

Designed for the non-science major, this course includes critical discussion and descriptive exposition of the swords and plowshares dilemma, of the concept that science and technology have been used to build up and tear down civilization, and of the forces of civilization driving and being driven by the dual nature of our technological heritage. The course begins with the first lever and club and ends with laser surgery and Star Wars lasers, taking a historical and a thematic approach where appropriate. The course describes, in the simplest terms, the way important real devices (television, telephones, lasers, gas turbines, thermonuclear weapons, etc.) work, examining their illustration of and limitations by scientific principles at a qualitative level. The course also considers the technical future from a past, present, and future perspective, asking: What can, could, didn't, might, and can we not do? The course illustrates the moral and ethical implications of science where appropriate. Knowledge of no more than high school algebra is required. Previously PS 0077.

### PHYS 1078 Nature of the Universe

3 Credits

This course, intended for non-science majors, reviews the scientific field of cosmology, or the nature of the physical universe, from a historical perspective. Beginning with the ancients, the course traces the development of cosmological principles through the Greek and Egyptian era of Aristotle, C. Ptolemy, and others; the 16th and 17th centuries of Copernicus, Galileo, and Newton; and the cosmology of the 20th century based upon Einstein's theories of relativity coupled with several fundamental observations. This leads to an examination of the current model of the universe, which is based upon the Big Bang theory. Previously PS 0078.

### PHYS 1087 Fundamentals of Astronomy

3 Credits

This course introduces students who are not majoring in science to the principal areas, traditional and contemporary, of astronomy. Traditional topics include a historical background to astronomy, telescopes, the sun, the moon, the major and minor planets, comets, and meteors. After discussing these subjects in detail, the course covers areas appropriate to modern astronomy such as the composition and evolution of stars, star clusters, quasars, pulsars, black holes, and cosmological models. Previously PS 0087.

### PHYS 1089 Physics of Sport

3 Credits

**Attributes:** EDCG Educational Studies Cognate

This course introduces concepts from science, particularly physics, by using illustrations from a wide variety of sports. For example, it explains why a baseball curves, why gears work on a bike, the speeds obtainable by a windsurfer or skier or tennis ball or arrow, how scuba divers survive, and a wide variety of other sports phenomena from football, golf, skiing, climbing, sailing, skating, baseball, scuba, fishing, sky-diving and so forth. The association of sports with motion, forces, and energy is explained by scientific reasoning and analysis. The course includes a small laboratory/experiential component that illustrates the scientific method, where various examples of sports are made quantitative, using readily available equipment. Previously PS 0089.

### PHYS 1090 Physics of the Atmosphere, Ocean, and Climate

3 Credits

This introductory course presents the physical processes that lead to the atmospheric, oceanic, and climate phenomena we experience in our everyday lives. During the first half of the semester, students will learn how simple physics can explain the current state of the atmosphere, ocean, and climate, and during the second half of the semester, students will learn how the atmosphere, ocean, and climate undergo changes due to both Earth's natural variations and human impacts. A full-day field trip, table-top experiments, and climate models will be used to illustrate concepts from class. Only a knowledge of algebra will be assumed. Previously PS 0090.

### PHYS 1093 Energy and Environment

3 Credits

**Attributes:** EDCG Educational Studies Cognate, EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective

This course introduces students not majoring in the natural sciences to topics relating to work, energy, and power, and explores many of the environmental consequences resulting from our use of energy. The course examines the finite nature of fossil fuels as well as many alternative energy sources including solar energy, wind, tidal, and geothermal energy, nuclear fission, and nuclear fusion. Students will use arithmetic and simple algebra. Previously PS 0093.

### PHYS 1145 General Physics for Life Sciences I

3 Credits

**Corequisite:** PHYS 1145L.

Designed for students in the health sciences, this algebra-based introductory physics course covers classical mechanics of rigid bodies and fluids. Topics covered include Newton's laws of motion, the conservation of energy and momentum, simple harmonic motion, basic wave properties, and static and dynamic fluids. This course stresses conceptual understanding and problem-solving skills for health science students.

### PHYS 1145L General Physics for Life Sciences I Lab

1 Credit

**Corequisite:** PHYS 1145.

This lab course engages students in experimental measurements spanning the areas of mechanics and thermal stresses on matter, with the objective of training students in experimental measurements, data manipulation and analysis, error analysis, deductive thinking, and instrumentation, providing depth to students' understanding of the phenomena taught in PHYS 1145. Specific experimental measurements include accelerated motion, periodic motion, gravitational force, ballistics, conservation of energy and momentum, and rotational dynamics. Students complete a weekly lab report.



**PHYS 1146 General Physics for Life Sciences II****3 Credits****Corequisite:** PHYS 1146L.**Prerequisite:** PHYS 1145.

A continuation of PHYS 1145, this course covers the basic concepts of electric forces and fields, potentials, magnetic forces and fields, induction, DC circuits, and optics. This course stresses conceptual understanding and problem-solving skills for health science students.

**PHYS 1146L General Physics for Life Sciences II Lab****1 Credit****Corequisite:** PHYS 1146.

This laboratory provides students with a greater understanding of electromagnetic phenomena, wave phenomena, and optics, and supports PHYS 1146. Measurements of microscopic quantities, like the charge and mass of the electron, give students an opportunity to explore the structure of matter. Other experiments involve the physics of electrical currents, electric properties of bulk matter, magnetic fields and their effect on beams, wave phenomena, and the nature of light and its interaction with optical materials. This course trains students in experimental measurements, data analysis, error analysis, deductive thinking, and instrumentation. Students complete a weekly lab report.

**PHYS 1171 General Physics I****3 Credits****Corequisite:** PHYS 1171L.**Prerequisite:** MATH 1141 or MATH 1171 (concurrency allowed).

This is a calculus-based introductory physics course for physics, mathematics, chemistry, and engineering majors. In it, students will cover the foundations of classical mechanics, including linear and vector motion, Newtonian mechanics, energy, momentum, rotational motion, static equilibrium, and waves. Note: Biology majors should take PHYS 1145. Previously PS 0115.

**PHYS 1171L General Physics I Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** PHYS 1171.

This lab course engages students in experimental measurements spanning the areas of mechanics and thermal stresses on matter, with the objective of training students in experimental measurements, data manipulation and analysis, error analysis, deductive thinking, and instrumentation, providing depth to students' understanding of the phenomena taught in PHYS 1171. Specific experimental measurements include accelerated motion, periodic motion, gravitational force, ballistics, conservation of energy and momentum, and rotational dynamics. Students complete a weekly lab report. Previously PS 0115L.

**PHYS 1172 General Physics II****3 Credits****Prerequisites:** MATH 1142 or MATH 1172 (concurrency allowed); PHYS 1171.

This course is a continuation of PHYS 1171 and covers electricity and magnetism, light, and optics. Topics covered include electric fields and their sources, magnetic fields and their sources, simple electric circuits, wave motion, reflection and refraction of light, and geometrical optics. Note: Biology majors should take PHYS 1146. Previously PS 0116.

**PHYS 1172L General Physics II Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** PHYS 1172.

This laboratory provides students with a greater understanding of electromagnetic phenomena, wave phenomena, and optics, and supports PHYS 1172. Measurements of microscopic quantities, like the charge and mass of the electron, give students an opportunity to explore the structure of matter. Other experiments involve the physics of electrical currents, electric properties of bulk matter, magnetic fields and their effect on beams, wave phenomena, and the nature of light and its interaction with optical materials. This course trains students in experimental measurements, data analysis, error analysis, deductive thinking, and instrumentation. Students complete a weekly lab report. Previously PS 0116L.

**PHYS 2212 Circuit Analysis and Analog Systems****3 Credits****Corequisite:** PHYS 2212L.**Prerequisite:** PHYS 1172.

This course introduces students to the theory and practice of basic electronics and linear/analog circuitry. Topics include Kirchhoff's laws and applications; resistor circuits; concepts of capacitive and inductive reactance; impedance calculation using vector and complex notation; DC, AC, and transient circuit behavior; operation of basic solid state devices (diodes, junction transistors, FETs, SCRs); operational amplifiers; active and passive filters; feedback techniques; and frequency dependent effects. The basic laws and theorems of circuit analysis are introduced. Previously PS 0212.

**PHYS 2212L Circuit Analysis and Analog Systems Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** PHYS 2212.

Students learn the use of basic laboratory test equipment such as the digital volt-ohm-amp meter, function generator, oscilloscope, and frequency counter. Bread boarding techniques are utilized to assemble and test various linear/analog circuits. Simulation software is introduced. Previously PS 0212L.

**PHYS 2226 Classical Mechanics****3 Credits****Prerequisite:** PHYS 1172.

The formulation of classical mechanics represents a major milestone in our intellectual and technological history as the first mathematical abstraction of physical theory from empirical observations. This achievement is rightly accorded to Isaac Newton, who first translated the interpretation of various physical observations into a compact mathematical theory. More than three centuries of experience indicate that mechanical behavior in the everyday domain can be understood from Newton's theories. Topics in this course include elementary dynamics in one and two dimensions, gravitational forces and potentials, free and forced harmonic oscillations, central fields and the motions of planets and satellites, Lagrange's and Hamilton's equations, small oscillations, and normal mode analysis. Previously PS 0226.

**PHYS 2255 Introduction to Astrophysics****3 Credits****Prerequisite:** PHYS 2285.

This course is an introduction to modern astronomy and astrophysics. Starting from basic physical principles, we will begin with a number of practical problems in observational astronomy: the location of stars in the sky, optical telescopes and detectors, and measuring the brightness of stars and galaxies. From here, we will go on to discuss the formation, evolution, and death of stars and how these astronomical processes have influenced the world around us. Finally, we will end with a discussion of cosmological evolution from the big bang onward. Previously PS 0255.

**PHYS 2260 Introduction to Biomedical Optics****3 Credits****Prerequisites:** MATH 2251 (concurrency allowed); PHYS 1172.

This Introduction to Biomedical Optics course provides an opportunity for students to be introduced to an exciting area in biophotonics. It would introduce students to some of the optical methods in non-invasive medical diagnostics and imaging. Students would learn about basics of tissue optics, elastic scattering, absorption, fluorescence and Raman spectroscopies, and photon transport in random media, Monte Carlo simulations, microscopy, ultrafast lasers and detection systems. Applications would include non-invasive detection of cancer, atherosclerosis, and optical tomography. Previously PS 0260.

**PHYS 2265 Introduction to Geophysical Fluid Dynamics****3 Credits****Prerequisite:** PHYS 1172.

This course presents the field of geophysical fluid dynamics. After an overview of Earth's energy balance, students will spend the first half of the semester learning dynamics and consider how Earth's rotation alters large-scale flows in the ocean and atmosphere. After a study of the circulation of the ocean and the atmosphere, students will learn how the ocean and atmosphere couple to create the climate system, including the current climate system as well as natural and anthropogenic variations in the climate system. Students will gain experience in creating computational models of the ocean, atmosphere, and climate.

**PHYS 2285 Modern Physics****3 Credits****Prerequisites:** MATH 2243 (concurrency allowed); PHYS 1172.

This course introduces modern physics, i.e., the physics of the 20th century. The basic ideas that led to the formulation of quantum mechanics together with Einstein's theories of relativity provided a means to explore many new aspects of the physical world. This course examines the discovery of quanta of energy; Einstein's Special Theory of Relativity; the Bohr model of the atom; wave mechanics, angular momentum, and spin; various aspects of quantum mechanics that explain much of the subatomic world; and aspects of atomic and nuclear physics including solid-state physics and superconductivity. The course also examines several of the major experimental observations that support and confirm these new theories. Previously PS 0285.

**PHYS 2285L Modern Experimental Methods Lab****2 Credits****Fee:** \$75 Science Lab Fee**Prerequisite:** PHYS 2285.

This course offers lab experience in modern experimental methods and techniques. It involves lab investigation of fundamental concepts in modern physics including atomic, nuclear, solid-state, x-ray, acoustic, superconductivity, and quantum physics. Lab procedures emphasize hands-on work with basic experimental equipment such as vacuum systems, power supplies, electronics and instrumentation, detectors, diagnostic techniques, computer interfaces, data acquisition and control, hardware and software, etc. This lab course gives students maximum opportunity to work on their own with minimum supervision. Previously PS 0204L.

**PHYS 3215 Computational Physics****3 Credits****Prerequisite:** PHYS 2285.

In this course students will learn numerical methods to solve scientific problems and to integrate the use of the computer into their research. The course will cover numerical methods to solve integrals, differential equations, partial differential equations, systems of linear equations, and to model random processes. Problems that will be solved in this class include: Laplace equation, chaotic pendulum, Schrodinger's equation, and magnetic and electric field calculations. The programming languages that will be used in this course are high level languages, such as C and C++, whose basic syntax will be taught in class. Previously PS 0215.

**PHYS 3222 Modern Optics****3 Credits****Corequisite:** PHYS 3222L.**Prerequisite:** PHYS 2285.

Starting with a review of electromagnetic wave theory and the differential wave equation, this course covers the propagation of light from a scattering and an electromagnetic wave phenomena point of view. The course investigates superposition, polarization, interference, and diffraction in detail and discusses the photon theory of light along with the photoelectric effect. The course covers the basic theory of coherence with its contemporary application to lasers and additional selected topics in applied optical devices, stressing the application of theory to devices and observations. Previously PS 0222.

**PHYS 3222L Modern Optics Lab****1 Credit****Fee:** \$75 Science Lab Fee**Corequisite:** PHYS 3222.

In this lab course, student experiments include measurement of the photoelectric effect, electro-optic phenomena, diffraction phenomena, spectroscopy, interferometry, interference effects, and optical heterodyning. Students may (and are encouraged to) develop relevant experiments. The course requires comprehensive lab reports. Previously PS 0206L.

**PHYS 3241 Thermal and Statistical Physics****3 Credits****Prerequisite:** PHYS 2285.

Thermodynamics, viewed primarily as the science that deals with energy transformations and the relationships between properties of systems, is a fairly modern science. As its name implies, thermodynamics deals with heat and power; originally, this now broad subject dealt almost exclusively with heat engines. This course begins with a review of the three fundamental laws of thermodynamics. Additional topics include the kinetic theory of gasses and modern statistical mechanics. Previously PS 0241.

**PHYS 3271 Electricity and Magnetism****3 Credits****Prerequisites:** MATH 2251, PHYS 1172.

This lecture course covers the foundations of electric and magnetic phenomena. Topics include electrostatics and the concepts of the electric field, flux, and potential; Coulomb's law and Gauss's law and their applications; vector and scalar fields and vector operators; electric energy of systems of charges; dipole fields and Laplace's equation; moving charges and currents; Ampere's law; and magnetic fields and forces. Previously PS 0271.

**PHYS 3386 Quantum Physics****3 Credits****Prerequisites:** MATH 3332, PHYS 2226, PHYS 2285.

This course introduces students to the physical concepts and mathematical formulations of non-relativistic quantum mechanics. Topics include the Schrodinger wave equation, Fourier techniques and expectation values, operator formalism, angular momentum, central forces, matrix representations, and approximation methods. Previously PS 0386.

**PHYS 3388 Elementary Particles and Nuclear Physics****3 Credits****Prerequisite:** PHYS 3386.

This course begins with a review of elementary particles, their properties and classification, and their nuclear and electromagnetic interactions. It proceeds with the study of bound nuclear systems, conditions for nuclear stability, and radioactive decay modes. The course concludes with an examination of particle accelerators and other nuclear experimental facilities. Previously PS 0388.

**PHYS 4900 Special Topics (Shell)**
3 Credits

This course covers the following content: condensed matter physics, numerical analysis and computational physics, and wave phenomena and quantum phenomena. Condensed matter topics include mechanical, thermal, and electric properties of matter; magnetism; superconductivity; and magnetic resonance. Topics in numerical analysis and computational physics include solutions of differential equations, boundary value and eigenvalue problems, special functions and Gaussian quadrature, and matrix operations. Topics in wave phenomena include electric and mechanical oscillators, coupled oscillators, transverse and longitudinal waves, waves on transmission lines, and electromagnetic waves. Quantum phenomena include advanced topics in quantum mechanics with applications in the structure of nuclei, atoms, molecules, metals, crystal lattices, semiconductors, and superconductors. Previously PS 0390.

**PHYS 4990 Independent Study**
1 or 2 Credits

This course provides opportunities to physics majors in their junior year, and to sophomores by permission of the department Chair, to pursue independent studies in selected areas of physics, under the mentorship of a faculty member. The course aims to guide students in using the methods of scientific inquiry to explore subjects in an area of mutual interest to the student and teacher. In the process, students will get personal attention and hands-on experience, and will develop further their analytical and experimental skills. Previously PS 0399.

**PHYS 4998 Theoretical/Experimental Capstone**
1-4 Credits

**Prerequisite:** Senior standing.  
 This course provides opportunities for intensive investigation, experimental or theoretical, of selected topics at an advanced level under the guidance of a faculty member. Participation in this course is required of all seniors. Previously PS 0391.

**PHYS 4999 Theoretical/Experimental Capstone**
1-4 Credits

**Prerequisite:** Senior standing.  
 This course provides opportunities for intensive investigation, experimental or theoretical, of selected topics at an advanced level under the guidance of a faculty member. Participation in this course is required of all seniors. Previously PS 0392.

Faculty

Professors

Biselli  
 Winn

Assistant Professors

Das (Visiting)  
 Christian  
 Cordery (Visiting)  
 Nazarian

Assistant Professors of the Practice

Stott, *chair*

Lecturers

Kuhn

Professors Emeriti

Beal

Hadjimichael

Physics Major

Requirements

For a major in physics, students complete the following:

Code	Title	Credits
CHEM 1171 & CHEM 1172	General Chemistry I and General Chemistry II	6
CHEM 1171L & CHEM 1172L	General Chemistry I Lab and General Chemistry II Lab	2
PHYS 1171 & PHYS 1172	General Physics I and General Physics II	6
PHYS 1171L & PHYS 1172L	General Physics I Lab and General Physics II Lab	2
PHYS 2226	Classical Mechanics	3
PHYS 2285	Modern Physics	3
PHYS 2285L	Modern Experimental Methods Lab	2
PHYS 3215	Computational Physics	3
PHYS 3222L	Modern Optics Lab	1
PHYS 3222	Modern Optics	3
PHYS 3241	Thermal and Statistical Physics	3
PHYS 3271	Electricity and Magnetism	3
PHYS 3386	Quantum Physics	3
PHYS 4998 & PHYS 4999	Theoretical/Experimental Capstone and Theoretical/Experimental Capstone	4
Select three Physics electives at the 2000 level or higher		9
Select five Math classes approved for math, science, or engineering students		18
Total Credits		71

Provision for Physics Advanced Placement Exam C

Students who have passed the AP Physics I exam with a score of 4 or 5 will receive credit for PHYS 1145. Students who pass the AP Physics C: Mechanics exam with a score of 4 or 5 need not take PHYS 1171 and may begin with PHYS 1172 in the spring. Students who have passed both AP Physics C: Mechanics and AP Physics C: Electricity and Magnetism exams with scores of 4 or 5 may advance directly to the sophomore physics course, PHYS 2285 Modern Physics, without taking the PHYS 1171 and PHYS 1172 prerequisites. Note: Per the general Advanced Placement policy of the University, only 4 credits are awarded toward graduation for having passed the two AP Physics C exams. Students who do not take PHYS 1171 and PHYS 1172 under this provision will need to take an additional elective in physics in order to complete the required number of credits for the major in physics.

Physics Major with a Minor in Educational Studies and the 5-Year Teacher Education Program

Physics majors who elect a minor in Educational Studies and who have been admitted to the Five-Year Integrated Bachelor and Master of Arts Degree and Teacher Certification program may count EDUC 5462

Science Methods as their three-credit physics independent study project. Physics majors with an Education Minor should consult with Dr. Angela Biselli, education advisor, and Dr. Ryan Colwell, director of the Five-Year Integrated Bachelor and Master of Arts Degree and Teacher Certification programs.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

### Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4
PHYS 1171	General Physics I	3
PHYS 1171L	General Physics I Lab	1
Core Curriculum		6
Free Elective		3
Credits		17
<b>Spring</b>		
MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	4
PHYS 1172	General Physics II	3
PHYS 1172L	General Physics II Lab	1
Core Curriculum		6
Free Elective		3
Credits		17
<b>Second Year</b>		
<b>Fall</b>		
MATH 2243	Calculus III for Chemistry, Engineering, and Physics Majors	4
PHYS 2285	Modern Physics	3
Core Curriculum		6
Free Elective		3
Credits		16
<b>Spring</b>		
MATH 2251	Ordinary Differential Equations	3
PHYS 2226	Classical Mechanics	3
PHYS 2285L	Modern Experimental Methods Lab	2
PHYS 3215	Computational Physics	3
Core Curriculum		3
Physics Elective		3
Credits		17
<b>Third Year</b>		
<b>Fall</b>		
CHEM 1171	General Chemistry I	3
CHEM 1171L	General Chemistry I Lab	1
PHYS 3241	Thermal and Statistical Physics	3
PHYS 3271	Electricity and Magnetism	3

Core Curriculum	3
Free Elective	3
Credits	16

#### Spring

CHEM 1172	General Chemistry II	3
CHEM 1172L	General Chemistry II Lab	1
MATH 3332	Partial Differential Equations	3
PHYS 3222	Modern Optics	3
PHYS 3222L	Modern Optics Lab	1
Physics Elective		3
Free Elective		3
Credits		17

#### Fourth Year

##### Fall

PHYS 3386	Quantum Physics	3
PHYS 4998	Theoretical/Experimental Capstone	3
Core Curriculum		3
Free Elective		6
Credits		15

##### Spring

PHYS 4999	Theoretical/Experimental Capstone	1
Physics Elective		3
Core Curriculum		6
Free Elective		6
Credits		16
Total Credits		131

## Physics Minor

### Requirements

To earn a 16-credit minor in physics, students complete the following:

Code	Title	Credits
PHYS 1171 & 1171L	General Physics I and General Physics I Lab	4
PHYS 1172 & 1172L	General Physics II and General Physics II Lab	4
PHYS 2285	Modern Physics	3
PHYS 2285L	Modern Experimental Methods Lab	2
Select one additional 2000- or 3000-level physics course		3
Total Credits		16

Substitution of the Modern Physics course must be approved by the chair.

**Note:** Biology and chemistry majors can minor in physics by taking two lecture courses and one laboratory course beyond the requirements of their major. Engineering majors can minor in physics by taking one lecture course and one laboratory course beyond the requirements of the major.

# Politics

The Department of Politics offers a vibrant and balanced program that prepares students for careers and leadership positions in local, national and international affairs, law, business, politics, non-profit organizations, consulting, and other fields, as well as excellent preparation for many different graduate and professional degree programs. The curriculum introduces students to the major subfields of political science: American politics, comparative politics, international relations and political theory, while also offering valuable avenues for professional development, including internships, service learning, research methods, and field experience.

The politics curriculum offers students the option of grouping their electives thematically, including courses focused on law and justice, power and political action, and globalization and inequality. Students choose electives in each sub-field in any combination within or across these themes. Students complete their major with a culminating seminar that prepares them for professional writing, research, analysis, and presentation. During this seminar, students work closely with a faculty member in their area of expertise.

Through its internship director, the Politics Department works with students to identify and prepare for internships in local and state government, non-governmental organizations, political campaigns, business, law firms, and other locations. Special opportunities are also available with Congress, federal agencies, and international organizations via the Washington Internship Semester (POLI 3982), in Hartford with the Connecticut State Legislature (POLI 3981), and with organizations and businesses in locations around the world through Fairfield's study abroad programs.

Politics professors are also closely involved with the American Studies, Asian Studies, Environmental Studies, International Studies, Irish Studies, Humanitarian Action, Latin American and Caribbean Studies, Peace and Justice Studies, and other interdisciplinary programs. Many Politics courses count toward majors or minors in these programs. The programs that Politics courses contribute to are included in their course descriptions (p. 192).

## Programs

- Politics Major (p. 198)
- Politics Minor (p. 199)

## Courses

### **POLI 1101 Introduction to American Politics** **3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASPO American Studies: Politics, PMAP Politics Major: American Politics  
Students examine the American political system: the design and operation of Congress, the Presidency, and the Supreme Court; American political culture; elections; the ability of the political system to deal with societal problems, and proposals for reform of the political system. Previously PO 0101.

### **POLI 1102 Introduction to Comparative Politics** **3 Credits**

**Attributes:** INEL International Studies / International Business Elective, PMCP Politics Major: Comparative Politics, WDIV World Diversity  
This course introduces students to the exciting facts, concepts, and theories necessary to understand the structures and processes of diverse political systems that exist around the world. Comparing similarities and differences among the different political systems in prominent countries provides insights into current events and enabled students to address important questions about politics in specific countries and regions. Previously PO 0102.

### **POLI 1103 Introduction to Political Ideas That Shape the World** **3 Credits**

**Attributes:** PMPT Politics Major: Political Theory  
This course introduces students to some of the most important ideas in political theory. It analyzes the Western political theories of Thomas Hobbes, Jean-Jacques Rousseau, John Locke, J.S. Mill, Karl Marx, and others, and compares and contrasts them to a variety of communitarian, socialist, and anarchist political theories. Previously PO 0103.

### **POLI 1104 Introduction to International Relations** **3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, PJST Peace and Justice Studies, PMIR Politics Major: International Relations  
This course introduces students to important concepts, frameworks, events, and theories in International Relations and provides the tools need to improve their understanding of global politics both historically and today. The course familiarizes students with conceptual tools that can help them analyze, understand and address a variety of current international issues and policy challenges. Previously PO 0104.

### **POLI 2102 Urban Politics** **3 Credits**

**Attributes:** ASPO American Studies: Politics, ASTH American Studies Theme Course, PMAP Politics Major: American Politics  
This course examines structures and processes of urban politics and considers the major participants and policy areas of urban political processes. It sets the evolution of urban areas in historical perspective, discusses major contemporary problems, and analyzes alternative solutions. Previously PO 0202.

### **POLI 2103 Public Administration** **3 Credits**

**Attributes:** ASPO American Studies: Politics, ASTH American Studies Theme Course, PMAP Politics Major: American Politics  
Public administration is central to American government. It decides who gets what, when, and how at the local level. This course uses case studies, theoretical analyses, and skill-development activities to examines the practice and power of U.S. public administrators and the factors that impact their jobs and the effectiveness of their decisions. This course explores core public administration concepts, bureaucratic politics, organizational behavior, decision-making strategies, public management, and social issues; builds student knowledge and professional skills; and highlights the political, practical and managerial factors that affect public administration. Previously PO 0203.

### **POLI 2104 American Presidency** **3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASPO American Studies: Politics, ASUP American Studies Upper Level, PMAP Politics Major: American Politics  
This course examines President's role as chief executive, legislative leader, and administrative head of state, as well the expansion of presidential powers by 20th and 21st century presidents. It also explores differences and patterns among presidents in their domestic and foreign policy, explanations for these patterns and why some Presidents found more success, changes in Presidential primaries, nominating, conventions, and national elections, and how issues such as psychology, economic forces, political parties, 'political time,' and media impact the Presidency. Previously PO 0204.



**POLI 2105 United States Congress****3 Credits**

**Attributes:** ASPO American Studies: Politics, ASUP American Studies Upper Level, PMAP Politics Major: American Politics

This course examines the structure, rules, and procedures of Congress: the foremost national institution of political representation in American democracy. The course also explores the place of Congress place in contemporary American politics; its often-contentious relationship with the other parts of the national government, including the Presidency and Courts; and key theoretical approaches to the study of Congress as a deliberative body designed to produce national policy outcomes. Finally, the course will develop students' understanding of individual members of Congress: their relationship to constituents, their differing styles of representation, and the effects of race, gender, ideology, and money on their legislative work. Previously PO 0205.

**POLI 2106 Supreme Court I****3 Credits**

**Attributes:** ASPO American Studies: Politics, ASUP American Studies Upper Level, PMAP Politics Major: American Politics

This course examines the composition and operation of the Supreme Court, including how it reaches decisions. It also examines the relationship between the Court and the remainder of the political system; the political consequences of Court decisions; nomination and confirmation issues; and the Court's treatment of government power including Presidential authority, the commerce clause, taxing power, and relations between the branches. Previously PO 0206.

**POLI 2107 Supreme Court II****3 Credits**

**Attributes:** ASPO American Studies: Politics, ASUP American Studies Upper Level, PMAP Politics Major: American Politics

This course focuses on how the Constitution and the Supreme Court address issues related to individual freedoms. It examines Supreme Court decisions regarding civil liberties, including freedoms of speech, press, religion, and assembly. It also examines the rights of accused persons and the 14th amendment equal protection, emphasizing the political implications of these decisions as well as the political environment in which the Court functions. Previously PO 0207.

**POLI 2108 Political Parties and Interest Groups****3 Credits**

**Attributes:** ASPO American Studies: Politics, ASUP American Studies Upper Level, BSCC Black Studies Component Course, BSSS Black Studies: Social and Behavioral Sciences, PMAP Politics Major: American Politics, UDIV U.S. Diversity

This course examines political parties, interest groups, and public opinion in terms of their impact on American politics, including who gets elected, what issues receive attention in Congress, and the content of legislation. The course considers: How responsive are decision makers in the American system to citizens' demands? What factors impact this responsiveness? What mechanisms do citizens have to express support for their policy preferences? What mechanisms exist that increase the chances of their policy preferences being enacted? Previously PO 0208.

**POLI 2109 American Public Policy****3 Credits**

**Attributes:** ASPO American Studies: Politics, ASUP American Studies Upper Level, PMAP Politics Major: American Politics

Public policy results from complex interactions between political actors, elected officials, bureaucrats, interest groups, political activists, corporations, citizens, the media, and governing structures and rules. The policy making process is the lifeblood of the American political system. This course explores current policy debates, key models and theories that seek to explain public policy, and the significant role politics plays in the policy making process. Students will learn how public policies are formulated, understand current tools and techniques used in making policy, and gain the ability to assess policy options. Previously PO 0209.

**POLI 2111 Media and Politics****3 Credits**

**Attributes:** ASPO American Studies: Politics, PMAP Politics Major: American Politics

This course examines the impact of the media on the American political system and, conversely, how government attempts to influence the media for its purposes, and implications of the electronic media for a democratic and informed society. The course pays close attention to the media's impact on national elections and analyzes the media as an agent of political socialization. Previously PO 0211.

**POLI 2112 United States Environmental Politics and Policy****3 Credits**

**Attributes:** ASPO American Studies: Politics, ASUP American Studies Upper Level, EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, EVSS Environmental Studies: Social Science, PMAP Politics Major: American Politics

This course examines the creation, content, and implementation of U.S. environmental policy. The first section examines the history of U.S. environmental politics, the policy process, and prominent theories that seek to explain that process. The second examines the role and occasional preferences of key institutions, including the President, Congress, courts, federal agencies, environmental groups, and corporations. The third section examines key current issues, including, air and water pollution, toxic chemicals, public lands, endangered species, climate change, risk assessments, and the use of economic tools to effect change. Previously PO 0212.

**POLI 2113 State and Local Politics****3 Credits**

**Attributes:** PMAP Politics Major: American Politics

This course examines the role of state and local governments within the United States. State and local governments are unique subnational governments with their own political culture and identity and very greatly within and across the American political system. This course explores the political processes and the institutions of state and local governments. The course highlights the multifaceted, and often difficult, issues facing sub-national governments; the philosophies of state and local governments; their responsibility and function regarding election administration and voting; and their role within the larger national government. Previously PO 0213.

**POLI 2114 Public Opinion and Polling****3 Credits**

**Attributes:** PMAP Politics Major: American Politics

A central feature to American democracy is that the public has the opportunity to play an active role in governing. This course invites students to think about and reflect on the role of public opinion, the tools used to measure it, and its impact on policies and elections in American democracy. Students will examine what public opinion is, public's knowledge of politics, how citizens are socialized politically, group differences in public opinions, and various methods employed to measure public opinion. By the end of the course, students will be able to determine when and how public opinion influences various aspects of American politics. Previously PO 0214.

**POLI 2115 Campaigns and Elections****3 Credits**

**Attributes:** PMAP Politics Major: American Politics

In a democratic political system, elections are the means by which the transition of power occurs. Thus, understanding the nature of American elections and campaigns is necessary to understand our political system. The class focuses on American elections: discussing how various actors seek to influence outcomes, the behavior of voters, the politics of election administration, and the laws that govern the rules to the game. Students will observe and analyze actual election activity as well as leading empirical research that seeks to shed light on this significant aspect of American democracy. Previously PO 0215.

**POLI 2250 European Politics and the European Union 3 Credits**

**Attributes:** ISIC Italian Studies: Italy Component, ISIF Italian Studies: Italy-Focused, PMCP Politics Major: Comparative Politics

This course examines the history, operation and impact of the European Union (EU) as well as the key political institutions and dynamics of individual European countries, including Great Britain, France, and Germany. It considers the relationship between political culture and political systems and examines EU and national European approaches to addressing societal problems. Previously PO 0250.

**POLI 2251 Islam and Muslim Politics 3 Credits**

**Attributes:** INEL International Studies / International Business Elective, IWSS Islamic World Studies: Social Sciences, PMCP Politics Major: Comparative Politics, RECS Russian, Eastern European, and Central Asian Studies, WDIV World Diversity

Islam is most often treated as a monolithic force when in fact the relationship between Islam, politics, and society is varied and dynamic. The course introduces students to the diverse pluralism of Islam-influenced practices in politics, education, charitable aid, and business, drawing on examples from many different countries and regions, including Asia, Europe, the Middle East, and North Africa. Previously PO 0251.

**POLI 2252 African Politics 3 Credits**

**Attributes:** BSFC Black Studies Focus Course, BSSS Black Studies: Social and Behavioral Sciences, HACA Humanitarian Action Minor Context Course, INEL International Studies / International Business Elective, PMCP Politics Major: Comparative Politics, WDIV World Diversity

This course examines political patterns in Africa with an emphasis on the relationships between politics and culture, and politics and economy. Themes and concepts, not country studies, structure the course, which extracts patterns that are universal or typical in sub-Saharan Africa, examines the colonial legacy on which contemporary states build, and considers the political problematic that the colonial experience imparts with respect to cultural issues of identity, tribalism, and ethnicity in Africa. The course also examines the role of force and violence in consolidating political rule, the economic constraints that fetter Africa, and potential future developments in Africa's politics. Previously PO 0252.

**POLI 2253 Latin American Politics 3 Credits**

**Attributes:** INEL International Studies / International Business Elective, LCEL LACS Minor: Elective, PMCP Politics Major: Comparative Politics, WDIV World Diversity

This course examines contemporary Latin American politics, with particular attention to the challenges and opportunities for democracy and human rights in the region. The course explores key historical developments, the challenges and opportunities presented by domestic and international dynamics in the region, the causes and consequences of democratic breakdowns in the past, the transition to democracy in the later part of the twentieth century, the difficulties several young democracies face today, and the continuous and uneven efforts to advance human rights in the region. Previously PO 0253.

**POLI 2255 Middle East Politics 3 Credits**

**Attributes:** INEL International Studies / International Business Elective, IWSS Islamic World Studies: Social Sciences, PJST Peace and Justice Studies, PMCP Politics Major: Comparative Politics, WDIV World Diversity

This course examines the modern Middle East by familiarizing students with the most significant contemporary problems and controversies in the region. Themes and concepts, not individual country studies, structure the course. Some of the topics covered are youth, war, revolution, oil, political Islam, economic reform, and the Arab spring. Previously PO 0255.

**POLI 2256 Asian Politics 3 Credits**

**Attributes:** ANMC Asian Studies Elective, PMCP Politics Major: Comparative Politics, WDIV World Diversity

This course examines the domestic politics of Asian countries. Asia is a vibrant region politically and economically and is very important to the United States for international security and economic stability. Given its importance, this course provides broad and essential knowledge about Asian nations. The course begins with historical background of various countries in Asia, and then examines politics in selected Asian countries. Country studies are intended to introduce major issues in comparative politics such as democracy, economic development, ideology and political conflict. Previously PO 0256.

**POLI 2257 Northern Ireland: Politics of War and Peace 3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, INEL International Studies / International Business Elective, IRSE Irish Studies Elective, PJST Peace and Justice Studies, PMCP Politics Major: Comparative Politics

This course focuses on 'the Troubles' in Northern Ireland from 1969 to the present beginning with historical background that emphasizes England's role from the 17th century through the present. It examines the 20th century conflict primarily as a national liberation struggle against a sectarian regime in the North supported by England. The course follows a chronological format starting with the civil rights marches in the late 1960s, the state repression that followed and subsequent community responses including the hunger strikes and electoral campaigns. It concludes with the peace process and grassroots efforts by former paramilitaries from both Catholic and Protestant communities to work together on issues of common concern. Previously PO 0257.

**POLI 2258 Political Violence 3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, INEL International Studies / International Business Elective, PMCP Politics Major: Comparative Politics

This course offers a comparative study of political violence including civil war, terrorism, and separatist movements and explores a variety of theoretical and empirical approaches to violence. The course introduces students to core debates as well as cutting-edge research and includes several important single country studies. Previously PO 0258.

**POLI 2259 The Development Gap 3 Credits**

**Attributes:** INEL International Studies / International Business Elective, PJST Peace and Justice Studies, PMCP Politics Major: Comparative Politics, WDIV World Diversity

This course employs a comparative approach to studying the forces affecting development in developing countries. Examples and studies are drawn from Asia, Africa, Latin America, and the Middle East in order to examine the roots of wealth and poverty, obstacles to development, responses to globalization, and current debates over development prospects. Previously PO 0259.

**POLI 2261 Authoritarianism and Film 3 Credits**

**Attributes:** PMCP Politics Major: Comparative Politics

Almost half of the world population lives under authoritarian or totalitarian regimes. Moreover, several democracies around the world are far from consolidated and exist at risk of democratic breakdowns. This interdisciplinary course combines politics and film studies to introduce students to the enduring phenomena of authoritarianism and totalitarianism. Political science furthers our understanding of the causes and enduring legacies of authoritarianism and totalitarianism. Film studies helps us understand how cinema communicates specific narratives in such a way that they strengthen or challenge these regimes. Previously PO 0261.

**POLI 2331 Introduction to Peace and Justice****3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASPO American Studies: Politics, CAOT Catholic Studies: Non-Religious Studies, EDCG Educational Studies Cognate, INEL International Studies / International Business Elective, PJST Peace and Justice Studies, PMPT Politics Major: Political Theory

This course introduces students to the concepts of peace and justice, the connections between them, and the relationship of these concepts to the idea of faith. The course focuses on case studies beginning with an analysis of the crisis of America's cities and finds the causes in de-industrialization and its resulting poverty. In both cases, the course views poverty resulting from unjust economic and social structures including exaggerated military budgets at home and the militarization of developing countries. Examining these fundamental problems in peace and justice from a variety of perspectives, including Western liberalism, Marxism, and Catholicism, provides a theoretical basis for the study. Each of these traditions has its own perspective for understanding and responding to these problems. In this way the course provides an awareness of the major problems in peace and justice as well as an understanding of the different ways to think about them. Previously PO 0201.

**POLI 2332 Utopian Politics****3 Credits**

**Attributes:** PMPT Politics Major: Political Theory

This course examines the nature and function of utopian thinking and utopian communities. What is the value of utopian reflection? What forms of critical thinking and imaginative speculation does it enable? What are the limits to or dangers of utopian thought and practice? What kinds of challenges do utopian communities face? This course explores and critically assesses utopian and dystopian themes from recent and classic novels, political theory, science fiction, film, and popular culture. The course involves students in building model utopias that resolve major world problems. Previously PO 0232.

**POLI 2333 American Political Thought****3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASPO American Studies: Politics, PMPT Politics Major: Political Theory

This course considers the philosophical roots of American political thought and the influence on the contemporary American mind and institutions of the American revolutionaries, constitution-makers, Federalists, Jeffersonians, Jacksonians, Alexis de Tocqueville, examiners of the welfare state, pragmatists, and key current voices. The course also explores challenges and reform of the American political system, via analytical lenses related to human nature, idealism, the Constitution and key Amendments, and nationalism. Previously PO 0233.

**POLI 2334 Sex, Sexuality, and Gender****3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASPO American Studies: Politics, PJST Peace and Justice Studies, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course focuses on how men and women ally together and separately to alter the landscape of sex, sexuality, and gender in the U.S. as part of a global wave of political change. The course examines how race, class, religion, age, disability, and other identity variables intersect with male and female, masculine and feminine, and the full range of sexualities in order to understand the theories and practices related to identity that shape twenty-first century politics. Previously PO 0234.

**POLI 2335 Modern Political Ideologies****3 Credits**

**Attributes:** ISIC Italian Studies: Italy Component, PJST Peace and Justice Studies, PMPT Politics Major: Political Theory

This course primarily examines the political belief systems in the United States including conservatism, liberalism, democratic socialism, and others. It analyzes these 'isms' with reference to democracy's ability to deal with the contemporary problems of American society. It also racism, authoritarianism, totalitarianism, and the basic political and economic ideas of Marx and Engels and the modifications made to their system by Lenin. Previously PO 0235.

**POLI 2336 Politics of Race, Class, and Gender****3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASPO American Studies: Politics, BSCC Black Studies Component Course, BSSS Black Studies: Social and Behavioral Sciences, EDDV Educational Studies Diversity, PJST Peace and Justice Studies, PMPT Politics Major: Political Theory, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course investigates how race, class, and gender function in American political culture. Students explore how the theoretical ideas of central thinkers such as Thomas Jefferson, Martin Luther King Jr., and Susan B. Anthony shape the political practices of the people who express themselves in songs, speeches, art, and music. The focus on race, class, and gender enables students to engage with historically challenging questions about equality, freedom, individualism, republicanism, liberalism, and American exceptionalism from alternative perspectives. The course does so by assessing whether or not the contemporary Hip Hop movement can overcome the barriers of race, class, and gender. Previously PO 0236.

**POLI 2471 United Nations Security Council Crisis Simulation****3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, PMIR Politics Major: International Relations, WDIV World Diversity

This course provides students a hands-on learning experience by simulating a United Nations Security Council crisis in international peace and security. The objective is to introduce students to the challenges of global governance in light of the different perspectives they encounter representing different constituencies of the UN Security Council who come from diverse cultural, historical, and geopolitical regions of the world. A key goal of the course is to bring to light whether and how power disparities in the structure of the Council limit the effective representation of many countries and global South as a whole and the stakes in reform of the Security Council. Crosslisted with INST 2471. Previously PO 0271.

**POLI 2472 Politics of Humanitarian Action****3 Credits**

**Attributes:** HAFD Humanitarian Action Foundation Course, INEL International Studies / International Business Elective, PMIR Politics Major: International Relations, WDIV World Diversity

This course introduces students to complex humanitarian crises and the challenges of responding. Students explore why the often-troubled governance practices of humanitarian intervention makes this a highly contested, yet indispensable arena of global politics. The course examines enduring political and normative tensions at the core of the international humanitarian system run by states, non-governmental organizations (NGOs), the United Nations and its lead agencies, and increasingly, the private sector. Students use critical theories, ethical frameworks, and other skill sets to explore questions such as the accountability of humanitarian actors to the people they aid in risk-laden operational environments. Previously PO 0272.

**POLI 2473 Humanitarian and Disaster Response Field Training 3 Credits**

**Attributes:** HASM Humanitarian Action Minor Skills/Method Course, PMIR Politics Major: International Relations

This course offers training in humanitarian action and disaster response in collaboration with local emergency response agencies and related regional, national, and global networks. Students acquire training and certification in humanitarian standards, become registered volunteers with the American Red Cross, learn from local FEMA Community Emergency Response Teams, and participate in immersion experiences and simulations on international humanitarian crises. The course contextualizes aid work through a range of critical, ethical and moral theories. The course first introduces competing paradigms, second explores principles and field training, and third concludes with intersectionality and other critical perspectives on responding to needs. Previously PO 0273.

**POLI 2474 International Environmental Policies 3 Credits**

**Attributes:** EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, EVSS Environmental Studies: Social Science, INEL International Studies / International Business Elective, PMIR Politics Major: International Relations

This course examines important issues in the practice and study of international environmental policy. The course consists of four interrelated sections designed to provide the factual knowledge and conceptual frameworks required for working in this field: the process and difficulty of creating effective International environmental policy; factors that assist effective policy; history, trends, and actors; and key current issues including climate change, biodiversity, toxic pollution, trade and the environment, sustainable development, and environment and security, among others. Previously PO 0274.

**POLI 2475 Climate Change: International Policy and Politics 3 Credits**

**Attributes:** EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, HACA Humanitarian Action Minor Context Course, MSID Magis Core: Interdisciplinary, PMIR Politics Major: International Relations

This course examines key political, scientific, and economic issues surrounding global climate change and international attempts to address it. Topics include the causes and impacts of climate change, policy-making under uncertainty, key technological, energy and economic issues, key actors and their interests, the history, creation, and content of international climate policy, obstacles to more effective international climate policy, and options for potentially increasing that effectiveness. Students will gain the ability to understand and analyze climate policy options at the global, national and local levels. Previously PO 0275.

**POLI 2476 United States Foreign Policy 3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASPO American Studies: Politics, INEL International Studies / International Business Elective, PMIR Politics Major: International Relations

How is foreign policy made in the United States? This course examines the impact of domestic and international actors and processes in the formation and conduct of United States foreign policy. It also provides historical background and explores contemporary issues in United States foreign policy, including key security, economic, and environmental issues as well U.S. promotion of democracy and human rights in different regions of the world, including Asia, Latin America, Western Europe, Africa, and the Middle East. Previously PO 0276.

**POLI 2477 Globalization 3 Credits**

**Attributes:** INEL International Studies / International Business Elective, PMIR Politics Major: International Relations

This course examines the definition, content, and extent of globalization as well as its impact on states, markets, societies, businesses, and people. In a globalizing world, understanding the link between wealth and power is increasingly important. Therefore, this course also explores the intersections of political and economic interests and actors that seek to advance or retard globalization. It also asks key questions, including: Who does globalization benefit? What international institutions advance it? What national or international policies seek to take advantage of its benefits or address its negative impacts? Previously PO 0277.

**POLI 2478 International Law 3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, INEL International Studies / International Business Elective, PJST Peace and Justice Studies, PMIR Politics Major: International Relations

This course provides an introduction to international law. It addresses questions such as: What is international law? What are the major sources? Who makes international law and how? Who is bound by it? What is its impact in different issue-areas? And why do states and other actors usually obey international law even though there is not a world government or police force to enforce it. The course also explores the content and effect of international law in different issue-areas, including human rights, the environment, and the use of military force. Students will also gain a practical overview to the United Nations system, including the Security Council, General Assembly, Secretariat, International Court of Justice, and several specialized agencies, such as UNICEF and UNDP. Previously PO 0278.

**POLI 2479 Threats to Global Security in the 21st Century 3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, INEL International Studies / International Business Elective, PMIR Politics Major: International Relations

This course provides a comprehensive introduction to global security. It examines a variety of traditional and new security topics, including wars between states, civil wars, proliferation, environmental degradation, and famine. Students explore these topics through the lenses of major paradigms in International Relations (IR) theory, such as realism, liberalism, and constructivism, as well as perspectives drawn from critical theory, peace studies, and other literatures. In addition to learning to think about global security in a systematic and critical way, students will consider the political, ethical and social dimensions of threats to global security today. Previously PO 0279.

**POLI 2480 Border Politics 3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, INEL International Studies / International Business Elective, PJST Peace and Justice Studies, PMIR Politics Major: International Relations, WDIV World Diversity

This course explores how border politics has evolved from historical practices of territoriality and the rise of the nation-state system, including the social construction of 'imagined communities' and the boundaries that define them. Yet this system faces many challenges. Drawing from critical theories of identity, state formation, and intersectionality, students explore erosions of state sovereignty through globalization, climate change, crisis migration, refugee flows, asylum seekers, transnational crime, and terrorism. As case studies from the global north and south illustrate, states are increasingly turning to global and domestic disciplinary regimes to wall up, fence out, surveillance, detain, and deport the 'other.' Students examine these trends in the context of the moral, political, security, corporeal, and human rights questions at stake. Previously PO 0280.



**POLI 2481 International Human Rights****3 Credits****Attributes:** HACA Humanitarian Action Minor Context Course

This course explores human rights, actors, and advocacy in a global context. It covers the origin and development of international human rights, the need to apply and enforce legal obligations and establish accountability for human rights violators, and procedures used by the international community to contest human rights violations. In this context, students learn about the progress as well as gaps and erosions of human rights on a range of issues, such as women's rights, disability rights, or protection of human rights defenders in higher education. Students apply these understandings to strategic thinking and advocacy on human rights cases. Crosslisted with INST 2481. Previously PO 0281.

**POLI 2501 Research Methods****3 Credits****Attributes:** PMAP Politics Major: American Politics

This course examines how to study and think about policy and politics scientifically and in methodologically useful ways. Students learn how to identify research questions about the political world, generate meaningful measurements of the concepts being studied, create a research design for collecting data (i.e. evidence), construct testable hypotheses, conduct the necessary statistical analysis to test the hypotheses, interpret the results of the statistical analysis, and apply these results to the original theory of inquiry in a meaningful way. Previously PO 0295.

**POLI 2900 Special Topics (Shell)****3 Credits**

This course offers a focused examination of a significant political issue or topic in American politics, public policy, political theory, comparative politics, or international relations. Content varies in successive offerings of this course. May be repeated for credit when topic varies. Previously PO 0299.

**POLI 3980 Internship****3 or 4 Credits****Prerequisites:** POLI 1101; two other politics courses.

Politics majors gain firsthand experience working off campus in fields related to their major. Typically, a three-credit internship requires 10 to 12 hours of work per week on site and could require a journal or paper. An on-site supervisor and a politics professor evaluate student work. Students must have a GPA of 3.0 or higher. Enrollment by departmental permission only. Previously PO 0298.

**POLI 3981 State Legislature Internship****6 Credits****Prerequisites:** POLI 1101; two other politics courses.

Politics majors participate in the Connecticut General Assembly Legislative Internship Program, where students become acquainted with the legislative process by serving as aides to a legislator. Students complete a required research paper. Students must have a GPA of 3.0 or higher. Enrollment by departmental permission only. Previously PO 0296.

**POLI 3982 Washington Semester Internship****3-9 Credits****Prerequisites:** POLI 1101; two other politics courses.

Politics majors work as interns in a variety of public and private sector positions in the nation's capital, giving them the opportunity to experience governmental problems firsthand and apply what they have learned. Students may earn up to nine credits for working as an intern, and may also take one or two classes (three credits each) that count toward the politics major or general electives. Students must have a GPA of 3.0 or higher. Enrollment by departmental permission only. Previously PO 0297.

**POLI 3990 Independent Study****1-4 Credits****Prerequisites:** POLI 1101; two other politics courses.

Upon request and by agreement with an individual professor in the department, a politics major may conduct a one-semester independent study on a defined research topic or field of study. Students must have a GPA of 3.0 or higher. Enrollment by departmental permission only. Previously PO 0398.

**POLI 4301 The Battle Over Family Values in American Politics****3 Credits****Attributes:** ASPO American Studies: Politics, ASUP American Studies Upper Level, PMAP Politics Major: American Politics, WSGF Women, Gender, and Sexuality Studies: Gender Focused

Contemporary American politics is marked by numerous debates about the family. Issues such as same-sex marriage, abortion, abstinence and pre-marital sex, shifting gender roles within the family, and new parenting and reproductive methods are among the most hotly debated policy issues in the United States, illustrating the political struggle to define the soul of America and the role of the family within. This course explores contemporary political debates over the family, their policy implications, and significance to current elections, as well as the historical context and previous ideological battles that characterize the tumultuous relationship between the family and the American state. Previously PO 0301.

**POLI 4302 Seminar on Feminist Theory****3 Credits****Attributes:** ASPO American Studies: Politics, ASUP American Studies Upper Level, PJST Peace and Justice Studies, PMPT Politics Major: Political Theory, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course explores advanced topics and a number of trends in contemporary feminist theory. Topics include conceptions of the female body in Western culture, feminist theories of the family, global feminisms, theories of feminist subjectivity and gender performativity, and the intersections among gender, race, class, and sexuality. Previously PO 0302.

**POLI 4303 Gender, War, and Peace****3 Credits****Attributes:** HACA Humanitarian Action Minor Context Course, INEL International Studies / International Business Elective, PMIR Politics Major: International Relations, WDIV World Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course examines the complexities of the gendered impact of war on men, women, families and children. Students learn about the gendered dimensions of war institutions, social structures and narratives of war. They explore the topic especially from the voices and perspectives of women in war zones and post-conflict settings around the world, including historical memories. Students learn how aspects of globalization and conditions of structural violence make women extremely vulnerable as societies slide toward war. Crosslisted with INST 4303. Previously PO 0303.

**POLI 4304 Seminar on Global Environmental Politics****3 Credits****Attributes:** EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, PMIR Politics Major: International Relations

The causes, consequences, and potential solutions to environmental problems are increasingly important subjects in global politics. This seminar explores critical, current issues in the theory and practice of global environmental politics. Readings and class discussion examine important new debates, including those on: reasons why some policies are created and effective and others are not, accountability, the 2015 Paris climate agreement, current policy for toxic chemicals, why global ozone policy remains a relatively unique example of effective global environmental policy, and the activities of international institutions. Previously PO 0304.



**POLI 4305 Seminar on the Middle East**
3 Credits

**Attributes:** IWSS Islamic World Studies: Social Sciences, PMCP Politics Major: Comparative Politics  
The Middle East justifiably engages a great deal of international attention. This course offers the opportunity to examine a significant problem or issue concerning politics in the Middle East and North Africa region (MENA) conducted in a seminar format. In various semesters the seminar may be taught with a different focus. Previously PO 0305.

**POLI 4310 War on Voting: Election Laws and Administration in the United States**
3 Credits

**Attributes:** PMAP Politics Major: American Politics  
The war on voting is as old as America itself. People of color, women, and the poor all fought for the vote. Universal suffrage is a democratic ideal, but groups, particularly people of color, continue to be systematically disenfranchised because the laws governing elections are increasingly being weaponized for political gain. Examining the history of the vote, what the Constitution says (and doesn't say) about voting, how and why election laws have changed over time allows us to understand their impact on voters, elections, and American democracy. Particular attention is paid to the Black voting experience.

**POLI 4314 International Perspectives on International Politics: Moving Beyond Western Paradigms**
3 Credits

**Attributes:** PMIR Politics Major: International Relations  
This course examines International Relations (IR) theory from a global perspective. A great deal of the IR theory taught in the United States and Europe mirrors Western, and in particular American, views on international affairs. Because enduring cultural and material differences across countries and regions can lead to different perspectives on global affairs, this limited perspective is problematic both intellectually and instrumentally. This course engage constructively with contributions to IR theory from other perspectives, in particular the Global South, and compares and contrasts them with prevailing Western oriented paradigms, in an effort to better understand our world.

**POLI 4320 Politics Seminar**
3 Credits

**Prerequisite:** Junior standing.  
This course offers an in-depth investigation of a significant political issue or topic and is conducted in a seminar format and contains a significant research component. Open by permission only. Previously PO 0300.

Faculty

Professors

Boryczka  
Cassidy  
Leatherman  
Nemec

Associate Professors

Alphonso  
Downie, *chair*  
Garcia Iommi

Assistant Professors

Alberda  
Howe (Visiting)  
Weinstein (Visiting)

Professors Emeriti

Dew  
Greenberg  
Katz  
Patton

Politics Major

Requirements

New Curriculum

*This curriculum applies to students in the Class of 2022 and later.*

For a 30-credit major in Politics, students complete the following:

Note: Many students choose to enroll in more than the minimum number of courses to complete the major.

Code	Title	Credits
<b>Foundational Courses</b>		
POLI 1101	Introduction to American Politics	3
POLI 1102	Introduction to Comparative Politics	3
POLI 1103	Introduction to Political Ideas That Shape the World	3
POLI 1104	Introduction to International Relations	3
<b>Upper Level Courses <sup>1</sup></b>		
Select one course in American Politics		3
Select one course in Comparative Politics		3
Select one course in International Relations		3
Select one course in Political Theory		3
<b>Professional Development Course</b>		
Select one course from the following: <sup>2</sup>		3
POLI 2473	Humanitarian and Disaster Response Field Training	
POLI 2501	Research Methods	
POLI 3980	Internship	
POLI 3981	State Legislature Internship	
POLI 3982	Washington Semester Internship	
SOCI 3610	Statistics: Social and Political Data Analysis	
SOCI 3600	Methods of Research Design	
<b>Seminar Course</b>		
Select one 4000-level politics course		3
Total Credits		30

<sup>1</sup> Distribution area requirements are indicated by the following attributes included in course descriptions (p. 192):

- American Politics: PMAP
- Comparative Politics: PMCP
- International Relations: PMIR
- Political Theory: PMPT

Students have the option of grouping their upper level courses from one or more of the Thematic Elements listed below:

- Globalization and Inequality
- Law and Justice
- Power and Political Action

<sup>2</sup> Various politics courses with a Service Learning designation, and certain courses offered by other departments with a Service Learning designation (with approval of the Chair of Politics), may also fulfill this requirement.

## Thematic Elements

As noted, students have the option of grouping their 2000- and 4000-level courses from one or more of the following themes:

Code	Title	Credits
<b>Globalization and Inequality</b>		
POLI 2102	Urban Politics	3
POLI 2108	Political Parties and Interest Groups	3
POLI 2111	Media and Politics	3
POLI 2334	Sex, Sexuality, and Gender	3
POLI 2251	Islam and Muslim Politics	3
POLI 2253	Latin American Politics	3
POLI 2258	Political Violence	3
POLI 2259	The Development Gap	3
POLI 2474	International Environmental Policies	3
POLI 2475	Climate Change: International Policy and Politics	3
POLI 2477	Globalization	3
POLI 2479	Threats to Global Security in the 21st Century	3
POLI 4304	Seminar on Global Environmental Politics	3
POLI 4314	International Perspectives on International Politics: Moving Beyond Western Paradigms	3
<b>Law and Justice</b>		
POLI 2103	Public Administration	3
POLI 2106	Supreme Court I	3
POLI 2107	Supreme Court II	3
POLI 2109	American Public Policy	3
POLI 2332	Utopian Politics	3
POLI 2333	American Political Thought	3
POLI 2250	European Politics and the European Union	3
POLI 2471	United Nations Security Council Crisis Simulation	3
POLI 2478	International Law	3
POLI/INST 2481	International Human Rights	3
POLI 4310	War on Voting: Election Laws and Administration in the United States	3
<b>Power and Political Action</b>		

POLI 2104	American Presidency	3
POLI 2105	United States Congress	3
POLI 2112	United States Environmental Politics and Policy	3
POLI 2113	State and Local Politics	3
POLI 2114	Public Opinion and Polling	3
POLI 2115	Campaigns and Elections	3
POLI 2331	Introduction to Peace and Justice	3
POLI 2335	Modern Political Ideologies	3
POLI 2336	Politics of Race, Class, and Gender	3
POLI 2252	African Politics	3
POLI 2255	Middle East Politics	3
POLI 2256	Asian Politics	3
POLI 2257	Northern Ireland: Politics of War and Peace	3
POLI 2261	Authoritarianism and Film	3
POLI 2472	Politics of Humanitarian Action	3
POLI 2473	Humanitarian and Disaster Response Field Training	3
POLI 2476	United States Foreign Policy	3
POLI 2480	Border Politics	3

## Previous Curriculum

*This curriculum applies to students in the Class of 2021 and earlier.*

For a 30-credit major in Politics, students complete the following:

Code	Title	Credits
POLI 1101	Introduction to American Politics (formerly PO 0011)	3
POLI 1102	Introduction to Comparative Politics (formerly PO 0012)	3
POLI 1103	Introduction to Political Ideas That Shape the World (formerly PO 0014)	3
Select seven upper-level politics courses, including at least one course in each of the following areas:		21
American Politics		
Comparative Politics		
International Relations		
Political Theory		
Total Credits		30

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Politics Minor

### New Curriculum

*This curriculum applies to students in the Class of 2022 and later.*

For an 18-credit minor in Politics, students complete the following:

Code	Title	Credits
Select three foundational courses from the following:		9
POLI 1101	Introduction to American Politics	
POLI 1102	Introduction to Comparative Politics	
POLI 1103	Introduction to Political Ideas That Shape the World	
POLI 1104	Introduction to International Relations	
Select three 2000- or 4000-level politics courses		9
Total Credits		18

## Previous Curriculum

*This curriculum applies to students in the Class of 2021 and earlier.*

For an 18-credit minor in Politics, students complete the following:

Code	Title	Credits
POLI 1101	Introduction to American Politics (formerly PO 0011)	3
POLI 1102	Introduction to Comparative Politics (formerly PO 0012)	3
POLI 1103	Introduction to Political Ideas That Shape the World (formerly PO 0014)	3
Select three upper-level politics courses taken in any politics subfield or as internships or independent study offered by the department.		9
Total Credits		18

## Psychology

The Department of Psychology offers two undergraduate degrees: a BS in Psychology and a BS in Behavioral Neuroscience. Psychology studies mental processes and behavior from multiple perspectives, while Behavioral Neuroscience emphasizes the biological underpinnings of mental processes and behavior. As detailed in the following sections, both degrees prepare students for a variety of possible careers and post-graduate study.

Throughout their time at Fairfield, students should work with their advisors to refine their interests. Together they can then identify specific courses within and outside of the major that will enrich their understanding of those areas of interest.

## Programs

- Behavioral Neuroscience Major (p. 204)
- Behavioral Neuroscience Minor (p. 205)
- Psychology Major (p. 205)
  - Concentration in Behavioral Neuroscience
- Psychology Minor (p. 206)
- Five-Year Integrated Bachelor and Master of Arts in Industrial/Organizational Psychology (p. 206)

Note: Students majoring in Psychology may not declare a simultaneous major or minor in Behavioral Neuroscience.

## Courses

### PSYC 1010 General Psychology 3 Credits

This course introduces the science of mental processes and behavior by addressing a range of questions including: How is brain activity related to thought and behavior? What does it mean to learn and remember something? How do we see, hear, taste, and smell? How do we influence one another's attitudes and actions? What are the primary factors that shape a child's mental and emotional development? How and why do we differ from one another? What are the origins and most effective treatments of mental illness? Previously PY 0101.

### PSYC 1110 Developmental Psychology for Non-Majors 3 Credits

The course encompasses a developmental psychology approach to the growth of the individual from birth to old age, tracing motor, perceptual, language, cognitive, and emotional growth and emphasizing normal development. Psychology majors and students who have taken PSYC 2110 or PSYC 2150 may not take this course. Previously PY 0111.

### PSYC 1210 Fundamentals of Social Psychology 3 Credits

This course surveys the major areas of concern in social psychology, emphasizing current issues and research in the fields of social influence and conformity, human aggression, prejudice, interpersonal attraction, propaganda, and persuasion. Psychology majors and students who have taken PSYC 2210 may not take this course. Previously PY 0121.

### PSYC 1220 Psychology and the Law 3 Credits

Implicit psychological assumptions about human behavior and how it should be controlled form the basis for the legal system, particularly our criminal justice system, from its code to its enforcement. This course examines those assumptions in light of current psycho-legal theory and research. It covers the treatment of traditional psychiatric populations (the mentally ill, mentally retarded, homeless) by the justice system in contrast to that received by non-psychiatric populations; clinical issues such as the insanity defense, predicting dangerousness, the validity of psychiatric examinations and lie detectors; and jury selection, eyewitness testimony, decision-making, sentencing, and parole. Previously PY 0122.

### PSYC 1310 Abnormal Psychology for Non-Majors 3 Credits

**Attributes:** HSSS Health Studies: Social Science

This course introduces students to the field of abnormal behavior, presenting the classic behavior patterns in the classification system and discussing the possible causes and remediation of such. Psychology majors and students who have taken PSYC 2310 may not take this course. Previously PY 0131.

### PSYC 1610 Behavioral Neuroscience 3 Credits

Understanding the brain is one of the last and most challenging frontiers of science. Our brain functioning determines what we see, hear, know, think, or feel. Starting with the molecular and cellular machinery of neurons and the anatomy of the nervous system, the course proceeds through the neural basis of sensation, perception, memory, emotion, language, sexual behavior, drug addiction, depression, schizophrenia, etc. The enormous strides made by neuroscience in the last several decades show every sign of continuing and increasing; this course provides the foundation upon which a thorough understanding of brain-behavior relationships can be built. Previously PY 0261.

### PSYC 2110 Developmental Psychology for Majors 3 Credits

**Prerequisite:** PSYC 1010.

Using a research-oriented approach, this course focuses on the principal themes, processes, and products of human development from conception through adolescence. Students who have taken PSYC 1110 or PSYC 2150 may not take this course. Previously PY 0211.

**PSYC 2120 Adult Development and Aging****3 Credits****Prerequisite:** PSYC 1010.

This course examines the theoretical underpinning and current research related to a number of key issues in the field of adult development and aging including physical, cognitive, and social-emotional changes, diseases, and disorders, as well as successful aging and resiliency. Previously PY 0215.

**PSYC 2130 Cross-Cultural Perspectives on Lifespan Development****3 Credits****Prerequisite:** PSYC 1110 or PSYC 2110 or PSYC 2150.

This course explores various developmental processes and cultural practices across the lifespan such as rites of passage, marriage, parenting, and gender equality from cultures across the globe. How do different cultures view various developmental milestones? What is similar across cultures? What is different? Ultimately, from a psychological perspective, what exactly is culture? And what variations in the course of development can be traced to the influence of culture? Previously PY 0217.

**PSYC 2150 Developmental Psychology for Majors with Lab****4 Credits****Prerequisite:** PSYC 1010.

Although the content of this course is identical to PSYC 2110, it offers psychology majors the opportunity to participate in a laboratory experiential learning component in community partner preschool classrooms. Specific hands-on assignments complement course material. Students who have taken PSYC 1110 or PSYC 2110 may not take this course. Previously PY 0212.

**PSYC 2210 Social Psychology****3 Credits****Prerequisite:** PSYC 1010.

This course surveys the major areas of concern in social psychology, emphasizing current issues and research in the fields of social influence and conformity, human aggression, prejudice, interpersonal attraction, propaganda, and persuasion. Students who have taken PSYC 1210 may not take this course. Previously PY 0221.

**PSYC 2220 Stereotyping, Prejudice, and Discrimination****3 Credits****Attributes:** PJST Peace and Justice Studies, UDIV U.S. Diversity**Prerequisite:** PSYC 1010.

This course will familiarize students with basic and applied social psychological research on stereotyping, prejudice, discrimination, and minority experience. After considering the cognitive and motivational factors that contribute to stereotyping and prejudice, students will proceed to examine prejudice in the 'real world,' exploring literature on discrimination-related policies, effects of stereotyping, prejudice, and identity on achievement and status, and prejudice reduction programs. The course will take a primarily empirical approach, focusing on the ways in which scientific methods and empirical evidence can inform our understanding of these emotionally-charged and socially consequential issues. Previously PY 0222.

**PSYC 2230 Theories of Personality****3 Credits****Prerequisite:** PSYC 1010.

The presentation, analysis, and evaluation of theories of personality from Freud through Skinner broadens student understanding of the normal human personality in terms of theoretical structure, function, and dynamics, while enriching theoretical and historical understanding of the topic. Previously PY 0232.

**PSYC 2310 Abnormal Psychology for Majors****3 Credits****Attributes:** HSSS Health Studies: Social Science**Prerequisite:** PSYC 1010.

This advanced course in abnormal behavior offers an in-depth analysis of current research and theories of psychopathology. It examines the biological and psychological antecedents of abnormal behavior. The course emphasizes oral and written analysis. Students who have taken PSYC 1310 may not take this course. Previously PY 0231.

**PSYC 2330 Gender and Mental Health****3 Credits****Attributes:** WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** PSYC 1010.

This course will explore the relationship between gender and mental health. Topics to be discussed include gender identity, gender differences in development throughout the lifespan, the impact of social and societal gender expectations on functioning, as well as gender differences in the response to trauma and victimization. The course will also include an in-depth examination of sex differences in clinical disorders such as depression, anxiety, eating disorders, PTSD, and personality disorders. Previously PY 0233.

**PSYC 2340 Theories in Psychotherapy****3 Credits****Prerequisite:** PSYC 1310 or PSYC 2310.

This course explores similarities and differences across a wide range of psycho-therapeutic endeavors by means of lectures and videos. The course covers traditional psychoanalytic techniques and more recent innovations. Previously PY 0234.

**PSYC 2360 Human Neuropsychology****3 Credits****Attributes:** HSST Health Studies: Science and Technology**Prerequisites:** PSYC 1010 or PSYC 1610.

Human neuropsychology is a branch of psychology that focuses on functional structures and systems of the human brain and how they support various higher-order psychological processes (e.g., learning, attention, executive functioning, higher-order thinking, memory, language, emotion, and motor skills). This course thus concentrates on the brain-behavior relationships beyond the cellular-molecular level, with an emphasis on typical lifespan development and common neuropathological syndromes (e.g., strokes, dementia, and traumatic brain injury) in relation to functional structures and systems of the human brain. Assessment and treatment interventions of neuropsychological disorders are addressed within this context. Previously PY 0236.

**PSYC 2370 Community Mental Health****3 Credits****Attributes:** HSSS Health Studies: Social Science**Prerequisite:** PSYC 1010 or PUBH 1101.

This course provides an overview of the social and psychological foundations of community behavioral and mental health practice. Using psychological knowledge of healthy human development across the lifespan, major community mental health issues will be explored. Particular emphasis will be placed on identifying risk and protective factors relevant to the development of effective preventative and remedial interventions to address important community behavioral and mental health problems such as individuals living with chronic mental illness, depression and anxiety, addiction, as well as attention to the issues related to specific populations such as the LGBTQ community, individuals living in violent neighborhoods, veterans and military families, immigrants, and the elderly. Previously PY 0237.

**PSYC 2390 Psychology of Diversity****3 Credits****Prerequisite:** PSYC 1010.

Diversity is an important and enriching factor in all our lives. This course will examine various aspects of diversity (e.g., discrimination, stereotypes, racism, sexism, sexuality, gender identity, obesity, ageism, stigma) and how these aspects interact with each other. The relationships between these aspects and mental health will also be discussed. After developing an initial understanding of issues, we will discuss methods of responding to social inequality and explore areas of specific interests of students through student-led presentations and discussions. Previously PY 0239.

**PSYC 2510 Cognitive Psychology****3 Credits****Prerequisite:** PSYC 1010 or PSYC 1610.

How can we study the mind? This course surveys topics in cognitive psychology, including attention, memory, thought, imagery, language, problem solving, and decision making. Through lectures, readings, demonstrations, and exercises, students learn about how we think and about scientific explorations of the mind. Previously PY 0251.

**PSYC 2520 Learning and Applied Behavior Analysis****3 Credits****Prerequisite:** PSYC 1010 or PSYC 1610.

This course focuses on the environmental determinants of behavior and behavior change. The first two-thirds of the course highlight current concepts and research in Pavlovian and operant conditioning, reinforcement, discrimination, extinction, punishment, avoidance learning, etc. The remaining third of the course emphasizes applied behavior analysis (aka: behavior modification); that is, how these learning concepts and principles can be successfully applied to education, parenting, therapy, medicine, and everyday life. Previously PY 0252.

**PSYC 2540 Psycholinguistics****3 Credits****Prerequisite:** PSYC 1010.

This course explores the phenomenon of language in the mind and brain, including: How do children learn their first language(s) and why is it such a different experience for an adult to learn a language? What about second language acquisition? What are language disorders? Is spoken language processed differently from written language? What about sign languages? Class will include discussions, presentations, and hands-on analysis of language data. Previously PY 0254.

**PSYC 2620 Sensation and Perception****3 Credits****Prerequisite:** PSYC 1010 or PSYC 1610.

How do we see, hear, touch, taste, and smell? What about individual differences? This course explores basic sensory mechanisms and perceptual processing, including color, depth, pattern, and motion perception. An experiential learning component facilitates student comprehension of individual differences in sensation and perception. Students will also complete an integrative final project to reinforce their understanding of the vast range of sensory and perceptual concepts addressed throughout the course. Previously PY 0262.

**PSYC 2740 Drugs and Behavior****3 Credits****Attributes:** HSSS Health Studies: Social Science, MSID Magis Core: Interdisciplinary**Prerequisite:** PSYC 1010 or PSYC 1610.

This survey course discusses the psychopharmacological properties of the more significant drugs used for research and by society in general. Drug classes include alcohol and nicotine, depressants and stimulants, tranquilizers, opium derivatives, and hallucinogenic compounds. The course emphasizes drug action sites in the central nervous system as well as behavioral alteration in controlled and uncontrolled environments. Previously PY 0274.

**PSYC 2745L Drugs and Behavior Field Experience Lab****1 Credit**

As an optional supplement to PSYC 2740 in fall or spring, this field experience lab includes an observational research study in Fairfield and abroad in Ireland. During initial lab meetings, students will read primary literature and develop a research question about social behaviors in pubs in both locations. After collecting data in Fairfield, students will travel to Ireland to continue their research, analyze major findings, and present results. The course will also include interactive discussions with faculty and students in Neuropharmacology labs abroad. Upon return to Fairfield, a formal paper or research poster will be submitted. Enrollment by permission only.

**PSYC 2810 Statistics for Life Sciences****4 Credits****Attributes:** EVAP Environmental Studies: Applied Professional Skills**Corequisite:** PSYC 2810L.**Prerequisite:** PSYC 1010 or PSYC 1610.

This introductory course in statistical methodology and analysis includes descriptive statistics such as frequency distributions, central tendency, variability, and correlation as well as an introduction to probability, sampling theory, and tests of significance including the t-test, chi-squared, ANOVA, and non-parametric statistics. This course is open to majors in the behavioral, biological, and physical sciences. The lab complements the course by giving students supervised computation and problem-solving exercises. Note: This course does not fulfill any core requirements. Previously PY 0201.

**PSYC 2810L Statistics Lab****0 Credits****Attributes:** EVAP Environmental Studies: Applied Professional Skills**Corequisite:** PSYC 2810.**PSYC 2820 Research Methods in Psychology****4 Credits****Attributes:** MWID Magis Core: Writing in the Discipline**Prerequisite:** PSYC 2810.

Building on PSYC 2810, this course teaches students to read, evaluate, design, conduct, and report psychological research. The course emphasizes critical thinking and effective oral and written communication. Students work through several different research projects. Previously PY 0202.

**PSYC 2900 Special Topics (Shell)****3 Credits****Prerequisite:** PSYC 1010 or PSYC 1610.

This intermediate level course focuses on a specific issue or topic in one of the major areas of psychology, including but not limited to social, cognitive, clinical, developmental, or biological psychology. In successive offerings, the content of this course will vary considerably. Thus, students may take more than one section of the course provided the content is different. Previously PY 0281.

**PSYC 3380 Psychological Testing****3 Credits****Prerequisites:** PSYC 1010, PSYC 2810.

This course offers an introduction to the principles of psychological test construction, administration and interpretation, and reviews the roles that these tests have in broad clinical assessment and research. Specific evaluation of test reliability and validity are applied to test construction and to various published tests of intelligence, achievement, personality, and neuropsychological functioning. Previously PY 0238.



**PSYC 3720 Hormones and Behavior****3 Credits****Prerequisite:** BIOL 1173 or PSYC 1610.

This upper level course in psychology will provide students with an overview of behavioral neuroscience, with an emphasis on behavioral endocrinology (hormones and behavior). Topics include the description of major classes of hormones, the techniques used in behavioral neuroscience, and the discussion of hormone-mediated behaviors including male and female reproductive behaviors, stress and fear, memory and cognition, parental behaviors, ingestive behaviors, and circadian rhythms. After weekly mini-review sessions of the relevant text, this course will emphasize primary research (journal) articles with student-led discussions. Previously PY 0272.

**PSYC 3950 Supervised Research****3 Credits****Prerequisite:** PSYC 1010 or PSYC 1610.

The course provides research training experience in a supervised setting in which students work closely with a faculty mentor on various research projects. Such work may include assisting in designing and running lab research, data analysis, field experience, and library research. This hands-on experience enhances students' understanding of issues in research design and analysis and prepares them for more advanced research opportunities should they choose to pursue them (e.g., independent research). Student researchers are expected to spend a minimum of 10 hours per week in their faculty mentor's lab. Enrollment by permission only. Previously PY 0295.

**PSYC 3980 Internship in the Teaching of Psychology****3 Credits****Prerequisite:** PSYC 1010 or PSYC 1610.

This practicum experience, open to advanced psychology majors, affords students an opportunity to explore teaching psychology as a profession. Under the direct supervision of a faculty mentor, students engage the issues of curriculum development, methods of classroom instruction, selection and use of media resources, test construction, and strategies for the academic and practical motivation of students. Interns observe participating faculty engaged in the profession of teaching and share in some instructional activities. Enrollment by permission only. Previously PY 0291.

**PSYC 4210 Current Issues in Social Psychology****3 Credits**

This seminar engages with current issues in social psychological research. Although the specific topics covered in the course will change from semester to semester, the course will be structured to present an overview of each topic domain (through review articles and seminal empirical articles) followed by more contemporary readings on the topic and a discussion of current debates and open issues. Throughout the course, students will focus on applying insights from social psychological research to 'real world' issues such as increasing individual well-being, supporting and maintaining healthy social relationships, creating more just and equitable communities, and improving judgment and decision-making. Open to senior psychology majors. Permission of instructor is required for junior psychology majors. Previously PY 0321.

**PSYC 4220 Senior Seminar: Health Psychology****3 Credits****Attributes:** HSSS Health Studies: Social Science

This course provides an in-depth survey of the discipline of health psychology, framed within the context of sociocultural factors such as ethnicity, gender, and socioeconomic status. Among the topics covered: stress, coping behaviors, biomedical and biopsychosocial models of health and illness, health behaviors, patient-provider communication. The students explore new ways to integrate theory and research with the advances in the science and practice of health psychology and present their work in a final independent project. Open to senior psychology majors. Permission of instructor is required for junior psychology majors and non-majors. Previously PY 0322.

**PSYC 4310 Senior Seminar: Abnormal Child Psychology****3 Credits****Prerequisites:** PSYC 1110 or PSYC 2110 or PSYC 2150.

This course provides a survey of the theory and research in the field of clinical psychology related to children and adolescents. More specifically, the seminar explores: the diagnostic characteristics of the major types of child psychological disorders, the etiology of each disorder from the different theoretical perspectives, and effective approaches to treatment and prevention. Open to senior psychology majors. Permission of the instructor required for junior psychology majors. Previously PY 0331.

**PSYC 4320 Senior Seminar: Current Issues in Clinical Psychology****3 Credits**

This course provides an in-depth exploration of current research and practice in the field of clinical psychology. Factors that contribute to the etiology, maintenance, identification and treatment of psychological distress will be discussed. The course will also include an in-depth examination of clinical disorders including mood, anxiety, psychotic, eating, traumatic stress, and personality disorders. Treatment, resilience and coping will also be discussed. Open to senior psychology majors. Permission of the instructor required for junior psychology majors. Previously PY 0332.

**PSYC 4510 Senior Seminar: False Memories****3 Credits**

Can people repress memories for childhood trauma? How accurate are eyewitnesses at reporting what they saw? Although most of the time, our memories serve us quite well, many of the strategies and mechanisms that help us remember accurately can also lead to errors. This course examines various types of memory distortions and what they can tell us about the mechanisms of memory. Through readings and class discussions, students will explore research addressing confusions between real and imagined memories, the reliability of eyewitness recollections, children's suggestibility, as well as clinical issues such as repression and dissociation from a cognitive perspective. Open to senior psychology majors. Permission of instructor is required for junior psychology majors. Previously PY 0351.

**PSYC 4610 Senior Seminar: Current Issues in Behavioral Neuroscience****3 Credits****Prerequisite:** PSYC 1610.

This senior seminar will provide students with an overview of current research in behavioral neuroscience, with particular emphasis on behavioral endocrinology (hormones and behavior). After a brief overview of a particular topic, including discussion of brain areas involved and techniques used to examine them, this course will emphasize current research articles in neuroscience. Specifically, how is behavioral neuroscience used to examine mechanisms behind certain behaviors and to treat anomalies? Areas of focus include clinical conditions (Alzheimer's, autism, post-partum depression) and addictive behaviors/drugs of abuse (alcohol, cannabis, anabolic androgenic steroids). Open to senior psychology majors. Permission of the instructor required for junior psychology majors and non-majors. Previously PY 0361.

**PSYC 4650 Neuroanatomy and Behavior****3 Credits****Corequisite:** PSYC 4650L.**Prerequisite:** PSYC 1610.

This hands-on laboratory course in behavioral neuroscience will introduce students to comparative neuroanatomy using rat, sheep, and human brain specimens. Students will participate in animal handling, brain sectioning, small animal surgeries, and drug administration, and will gain experience with rodents on a number of behavioral assays, including tests for spatial memory and reproductive behaviors. In small group exercises, students will become proficient in critiquing and presenting scientific literature, and will help in all stages of an experiment, from design to data collection to analysis and the writing up and presentation of results. In addition, students may work on a service-learning project with a community partner during the semester. Enrollment by permission only. Previously PY 0365.

**PSYC 4650L Neuroanatomy and Behavior Lab****1 Credit****Corequisite:** PSYC 4650.**PSYC 4900 Special Topics: Senior Seminar****3 Credits**

In this seminar, students undertake an in-depth study of a current topic in psychology, using mostly primary sources. Coursework emphasizes discussion and writing. Open to junior and senior psychology majors or by permission of instructor. Previously PY 0381.

**PSYC 4950 Independent Research****1-4 Credits**

This course involves a limited number of upper-division students (usually seniors) in all aspects of an advanced research project. Students must obtain the consent of the professor with whom they will work prior to registering for this course. Frequently a research proposal is required prior to acceptance into this course; early planning is essential. Enrollment by permission only. Previously PY 0395.

**PSYC 4981 Internship in Applied Psychology****1-3 Credits**

Senior psychology majors gain practical, career-related experience in a variety of supervised field settings through the internship program. Student interns choose from a wide selection of placements in traditional psychology-related programs: mental health, social service, school psychology, early child and special education, probation, and hospital administration. Intern placements in related disciplines include human factors engineering, human resource development, advertising, and public relations. Internships emphasize the integration of learning, both cognitive and experiential. Interns may register for one or two semesters, depending on the availability of appropriate placement sites and qualified supervisors. Interns spend a minimum of 10 hours per week in on-site work and complete the required academic component specified by the faculty coordinator. Enrollment by permission only. Previously PY 0391.

**PSYC 4982 Internship in Applied Psychology****1-3 Credits**

Senior psychology majors gain practical, career-related experience in a variety of supervised field settings through the internship program. Student interns choose from a wide selection of placements in traditional psychology-related programs: mental health, social service, school psychology, early child and special education, probation, and hospital administration. Intern placements in related disciplines include human factors engineering, human resource development, advertising, and public relations. Internships emphasize the integration of learning, both cognitive and experiential. Interns may register for one or two semesters, depending on the availability of appropriate placement sites and qualified supervisors. Interns spend a minimum of 10 hours per week in on-site work and complete the required academic component specified by the faculty coordinator. Enrollment by permission only. Previously PY 0392.

## Faculty

### Professors

Andreychik  
Braginsky  
Henkel  
Primavera

### Associate Professors

Harding  
McClure, *chair*

### Associate Professors of the Practice

Tomlin

### Assistant Professors

Karanian  
LaClair (Visiting)  
Rakowitz

### Lecturers

Amico  
Fitzgerald

### Professors Emeriti

Gardner  
McCarthy  
Salafia

## Behavioral Neuroscience Major

Behavioral neuroscience is a fascinating topic that studies the biological mechanisms underlying how the brain senses and perceives the environment, stores and retrieves memories, generates emotions, controls behavior, and produces consciousness. Behavioral neuroscience sits at the intersection of psychology and biology and addresses topics from the cellular/molecular level to the biological underpinnings of all aspects of behavior and psychological disorders.

Enormous strides have been made in the field of neuroscience in the last several decades and students at Fairfield have the opportunity to join the discussion. The major in behavioral neuroscience is an ideal preparation for graduate school in behavioral neuroscience, cognitive neuroscience, and affective neuroscience, as well as in experimental psychology, neurophysiology, clinical neuropsychology, pharmacology, and many other developing areas in this rapidly growing discipline. Students planning to enter the health professions would find the behavioral neuroscience minor helpful as preparation for specialization in the fields of neurology, neurosurgery, psychiatry, psychopharmacology, and more. Finally, the major is ideal for any student who has a desire to learn more about the functioning of their own brain.

## Requirements

For a 63-credit major in Behavioral Neuroscience, students complete the following:

Code	Title	Credits
BIOL 1171 & 1171L	General Biology I and General Biology I Lab	4
BIOL 1172 & 1172L	General Biology II and General Biology II Lab	4
BIOL 2262 or BIOL 1107	Human Physiology Human Anatomy and Physiology I	4
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	4
PSYC 1010	General Psychology	3
PSYC 1610	Behavioral Neuroscience	3
PSYC 2810	Statistics for Life Sciences	4
PSYC 2820	Research Methods in Psychology	4
Select six elective courses in biology and psychology from the following: <sup>1</sup>		18
BIOL 2261	Genetics	
BIOL 3314	Endocrinology	
BIOL 3324	Biochemistry I or BIOL 3325 Biochemistry II	
BIOL 3327	Cell Biology	
BIOL 3342	Developmental Biology	
BIOL 3354	Molecular Biology	
PSYC 2360	Human Neuropsychology	
PSYC 2510	Cognitive Psychology	
PSYC 2520	Learning and Applied Behavior Analysis	
PSYC 2620	Sensation and Perception	
PSYC 2740	Drugs and Behavior	
PSYC 2900	Special Topics (Shell) (with an emphasis in behavioral or cellular/molecular neuroscience)	
PSYC 3720	Hormones and Behavior	
PSYC 3950	Supervised Research	
PSYC 4950	Independent Research	
Select one Capstone Experience from the following:		3
PSYC 4610	Senior Seminar: Current Issues in Behavioral Neuroscience	
PSYC 4650	Neuroanatomy and Behavior	
PSYC 4900	Special Topics: Senior Seminar (with an emphasis in behavioral neuroscience)	
Total Credits		63

<sup>1</sup> At least two elective courses must be in biology and at least two must be in psychology.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the

Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Behavioral Neuroscience Minor

Students **not majoring in psychology** may complete a minor in behavioral neuroscience by completing the following:

Code	Title	Credits
PSYC 1610	Behavioral Neuroscience	3
Select four additional courses from the list below:		12
PSYC 2360	Human Neuropsychology	
PSYC 2520	Learning and Applied Behavior Analysis	
PSYC 2620	Sensation and Perception	
PSYC 2740	Drugs and Behavior	
PSYC 2900	Special Topics (Shell) <sup>1</sup>	
PSYC 3720	Hormones and Behavior	
PSYC 3950	Supervised Research <sup>2</sup>	
PSYC 4610	Senior Seminar: Current Issues in Behavioral Neuroscience	
PSYC 4650	Neuroanatomy and Behavior	
PSYC 4900	Special Topics: Senior Seminar <sup>1</sup>	
PSYC 4950	Independent Research <sup>2</sup>	
Total Credits		15

<sup>1</sup> When offered with an emphasis on Behavioral Neuroscience.

<sup>2</sup> With a project in Behavioral Neuroscience.

## Psychology Major

### Requirements

Psychology is the study of the mind and behavior. The Psychology major introduces students to the content and methods of the science of behavior and mental processes. Students survey the foundations of the field, learn about statistics and experimental design, and have an opportunity to pursue specific interests through upper-level seminars, applied internships, and supervised and independent research. The psychology major prepares students for graduate work in areas of psychology, or for work in related fields such as medicine, law, education, social work, and public policy. Students with a degree in psychology are also particularly well suited for any entry-level position that demands a solid liberal arts education.

Departmental requirements for a degree in Psychology are laid out below. While they provide a broad overview of the field, there are also opportunities both within and outside of the major to explore specific interests.

- Students interested in cognitive and/or behavioral neuroscience should consider the Behavioral Neuroscience major, or they can focus on the Psychology courses that comprise the Behavioral Neuroscience concentration, along with Philosophy courses on philosophy of mind and of language, and Biology courses in genetics, animal behavior, physiology, and evolutionary theory.
- Those with interests in mental health should consider Psychology courses on abnormal psychology, psychotherapy, psychological testing, neuropsychology, and learning, as well as Sociology courses

on social work and the courses, drawn from a variety of departments that comprise the Health Studies minor.

For a 38-credit major in psychology, students complete the following:

Code	Title	Credits
PSYC 1010	General Psychology	3
PSYC 2810	Statistics for Life Sciences	4
PSYC 2820	Research Methods in Psychology	4
Select at least one course from each of the following five content areas: <sup>1</sup>		15
<b>Understanding Biological Processes</b>		
PSYC 1610	Behavioral Neuroscience	
PSYC 2110	Developmental Psychology for Majors	
PSYC 2150	Developmental Psychology for Majors with Lab	
PSYC 2740	Drugs and Behavior	
<b>Understanding Cognitive and Learning Processes</b>		
PSYC 2510	Cognitive Psychology	
PSYC 2520	Learning and Applied Behavior Analysis	
<b>Understanding Individual, Social, and Cultural Processes</b>		
PSYC 2210	Social Psychology	
PSYC 2220	Stereotyping, Prejudice, and Discrimination	
PSYC 2230	Theories of Personality	
<b>Understanding Clinical Processes and Applied Contexts</b>		
PSYC 2310	Abnormal Psychology for Majors	
PSYC 2360	Human Neuropsychology	
PSYC 3380	Psychological Testing	
Select at least three elective courses from the content areas above or from the following:		9
<b>Experiential Learning</b>		
PSYC 3980	Internship in the Teaching of Psychology <sup>2, 3</sup>	
PSYC 3950	Supervised Research <sup>2, 3</sup>	
PSYC 4650	Neuroanatomy and Behavior	
PSYC 4981 & PSYC 4982	Internship in Applied Psychology and Internship in Applied Psychology <sup>3</sup>	
<b>Additional Electives</b>		
PSYC 1220	Psychology and the Law	
PSYC 2120	Adult Development and Aging	
PSYC 2130	Cross-Cultural Perspectives on Lifespan Development	
PSYC 2330	Gender and Mental Health	
PSYC 2340	Theories in Psychotherapy	
PSYC 2370	Community Mental Health	
PSYC 2390	Psychology of Diversity	
PSYC 2620	Sensation and Perception	
PSYC 2740	Drugs and Behavior	
PSYC 2900	Special Topics (Shell)	
PSYC 5110	Introduction to Industrial and Organizational Psychology	
Select one Senior Seminar		3
Total Credits		38

<sup>1</sup> When a student takes more than one course in one of the five content areas, the additional course counts as an elective.

<sup>2</sup> May be taken only once.

<sup>3</sup> Permission of the instructor is required. Students are allowed a maximum of two applied internships and one teaching internship.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Concentration in Behavioral Neuroscience

Psychology majors may complete a concentration in behavioral neuroscience by completing the following, in the process of satisfying their major requirements:

Code	Title	Credits
PSYC 1610	Behavioral Neuroscience	3
Select four additional courses from the list below:		12
PSYC 2360	Human Neuropsychology	
PSYC 2520	Learning and Applied Behavior Analysis	
PSYC 2620	Sensation and Perception	
PSYC 2740	Drugs and Behavior	
PSYC 2900	Special Topics (Shell) <sup>1</sup>	
PSYC 3720	Hormones and Behavior	
PSYC 3950	Supervised Research <sup>2</sup>	
PSYC 4610	Senior Seminar: Current Issues in Behavioral Neuroscience	
PSYC 4650	Neuroanatomy and Behavior	
PSYC 4900	Special Topics: Senior Seminar <sup>1</sup>	
PSYC 4950	Independent Research <sup>2</sup>	
Total Credits		15

<sup>1</sup> When offered with an emphasis on Behavioral Neuroscience.

<sup>2</sup> With a project in Behavioral Neuroscience.

## Psychology Minor

For a 15-credit minor in psychology, students complete the following:

Code	Title	Credits
PSYC 1010	General Psychology	3
Select four additional courses in psychology		12
Total Credits		15

Students contemplating a minor in psychology are urged to consult with a member of the psychology faculty regarding course choices.

## Five-Year Integrated Bachelor and Master of Arts in Industrial/Organizational Psychology

This program has been designed for Fairfield University undergraduate students who are interested in a pathway to work in settings such as



large organizations using specific psychology skills necessary to work as industrial/organizational specialists.

Graduates of the program assume positions in profit and non-profit organizations in human resources, training, consulting, research, organization development, recruiting and similar specialties. They have been employed in companies such as GE, Shell Oil, Gartner, Survey Sampling, Bank of Montreal, Deloitte & Touche, Hewitt Associates, Toyota, and Merrill Lynch; and by the Red Cross, the Justice Department, and a number of universities such as Loyola, UConn, and Fairfield University. The skills, psychological principles and methodologies mastered in the program may be applied in a variety of organizational settings depending upon the student's interests and career choices.

To be eligible for admission, students need to have an overall GPA of 3.00 in their undergraduate courses. They also must earn grades of at least B + in the three required applied psychology courses taken while they are undergraduates:

Code	Title	Credits
PSYC 2810	Statistics for Life Sciences	4
PSYC 2820	Research Methods in Psychology	4
PSYC 5110	Introduction to Industrial and Organizational Psychology	3

Current Fairfield University undergraduates should apply by January 15 of their senior year, for admission to the MA program the summer immediately following their graduation.

## Religious Studies

The Religious Studies curriculum presents a critical inquiry into the religious dimension of human experience. After an introduction to the nature of religion and the methods employed in its study, students can select from a variety of courses exploring specific topics such as sacred texts, issues in sexual ethics, questions of life and death, and the wide variety of devotions and practices that animate religious communities.

The study of religion allows for an informed appreciation of the motivations and values given expression in religious belief, and the way in which culture shapes, and is shaped by, that belief. Students may take courses offered by the Religious Studies Department as part of the required core curriculum, as electives, or as part of a major or minor program in religious studies under the direction of a departmental advisor.

Majors and minors in Religious Studies are eligible for induction to Theta Alpha Kappa, the national honor society for religious studies and theology. In addition, each year the department honors the academic achievement of an outstanding senior with the Mary Irene Gallagher Theology Medal, Fairfield's oldest academic award.

## Core Curriculum Options

The Orientation Level of the Magis core curriculum requires students to take an introductory course in Religious Studies, which can be any course at the 1000 level.

At the Exploration Level (2000-level courses), students must choose two further courses in two separate departments, selected from History, Philosophy, or Religious Studies. As such, students may select a 2000-level course in Religious Studies to fulfill part of the exploration-level requirement.

## Programs

- Religious Studies Major (p. 214)
- Religious Studies Minor (p. 215)
- Religion in America Minor (p. 213)

## Courses

### RLST 1001 Religion and the Critical Mind 3 Credits

This course examines some of the themes in the study of religion and offers a comparative analysis of the nature, function, and purpose of religion as found in a variety of models of religion. A wide variety of contemporary religious practices will serve as discussion points for scholarly analysis. Previously RS 0101A.

### RLST 1002 Common Questions, Traditional Response 3 Credits

**Attributes:** JST Judaic Studies Minor

This course examines the major questions addressed by most world religions, with special emphasis on how they are answered in a specific major tradition. Topics include the nature of the sacred and its relationship to human persons, the problem of evil and innocent suffering, religion's call for social responsibility, and the nature and function of ritual. Previously RS 0101C.

### RLST 1003 Religion in a Comparative Key 3 Credits

This course examines different kinds of religious experience, doctrine, and practice through a close examination of two different religious traditions, engaging the traditions as these appear in a variety of cultural contexts. Previously RS 0101D.

### RLST 1004 Peoples of the Book, Sacred Texts, and Their Communities 3 Credits

**Attributes:** JST Judaic Studies Minor

This course examines the relationship between sacred text and the historical communities of Judaism, Christianity and Islam. Focusing on shared narratives, such as Adam and Eve in the Garden, the course illustrates the different ways that texts are interpreted and the various roles that Scripture plays in these communities. Previously RS 0101E.

### RLST 1101 Introduction to Judaism 3 Credits

**Attributes:** JST Judaic Studies Minor

This course examines ways in which Judaism has been defined and has developed as both a way of thought and a way of life. Included will be discussions of central Jewish concepts (e.g., covenant, holiness, and commandment), holidays, life-cycle ceremonies, and contemporary Jewish religious movements. Previously RS 0100.

### RLST 1111 History of the Jewish Experience 3 Credits

**Attributes:** JST Judaic Studies Minor

The course examines the origin and development of Judaism and the Jewish people. It begins with the Hebrew Bible as the source of Judaism and follows its development to the modern era. This overview introduces the Jewish religion, its history, and development. Previously RS 0211.

### RLST 1201 Hebrew Bible/Old Testament 3 Credits

**Attributes:** JST Judaic Studies Minor

This course will survey the texts that are normative for Judaism and Christianity today; the Hebrew Bible (TaNaKh) and the Christian Old Testament. These texts will be studied according to a wide range of modern methods of biblical criticism which consider carefully their literary and historical aspects. Special effort will be made to situate these texts within their historical and cultural setting in the ancient near east. Previously RS 0201.



**RLST 1270 Qur'an as Scripture and Experience****3 Credits****Attributes:** RSTH RS Theology Pathway

This course provides students with an introductory survey to the Islamic scripture of the Qur'an, its socio-historical context, and its ongoing legacy within the wider Muslim world. Through close readings of the Qur'an and religious accounts of the Prophet Muhammad's life, students will explore the nature of revelation and prophetic authority in Islam. Furthermore, students will critically examine the nature of interpretation and the problems of authoritativeness, recognizing the importance of these issues for other religious traditions as well.

**RLST 1402 Introduction to Catholicism****3 Credits****Attributes:** CARS Catholic Studies: Religious Studies

This introduction to the beliefs, doctrines, ideas, and practices that shape the unity and diversity of the Catholic tradition explores theological, devotional, and spiritual forms of expression in their historical and cultural contexts in order to appreciate the particularity of Catholic themes. The course also considers how these themes engage contemporary Catholic life and exercise an influence on the wider culture. Previously RS 0115.

**RLST 1601 Religion in the United States****3 Credits****Attributes:** ASRS American Studies: Religion, CARS Catholic Studies: Religious Studies, UDIV U.S. Diversity

This course explores the story of religion in America from a multicultural, multi-faith perspective. Students will examine how different religious peoples and traditions have interacted across time and how these interactions and exchanges have both complicated and enriched the American religious landscape. Much attention will be paid to those voices often left out of the master narrative of American religion for reason of race, gender, ethnicity, class, or even peculiarity. The course is a survey, thus students will encounter a variety of topics varying from indigenous religious practices, revivalism, the early roots of traditions like Judaism and Islam, new religious movements, to secularization. Previously RS 0106.

**RLST 1667 Mormonism: An American Church****3 Credits****Attributes:** ASRS American Studies: Religion

Who are the Mormons? This course seeks to answer this very question. Beginning with the birth of its prophet Joseph Smith and proceeding into Mormon life in the 21st century, the course traces the history of Mormonism as it moved from millennial religious movement to formal Church. We will examine the scripture, beliefs, practices, and mission of Mormonism and how they function within the church and within the Mormon community. We will also explore the paradox of Mormonism's controversial reputation and its popularity, examining how Mormons have combated negative perceptions and adapted in order to survive, and ultimately thrive. Previously RS 0267.

**RLST 1701 Introduction to Islam****3 Credits****Attributes:** IWHU Islamic World Studies: Humanities, RSTH RS Theology Pathway, WDIV World Diversity

This course introduces Islam as a global religion and civilization. After a brief historical overview, the course focuses on the foundational concepts of Islam: Quran, Prophet, Ritual, and Community, and then analyzes how these concepts are interpreted in the main intellectual traditions, in the ways that Islam is practiced in different cultures and in the works of modern thinkers. Previously RS 0105.

**RLST 1801 Asian Religions****3 Credits****Attributes:** ANMC Asian Studies Elective, WDIV World Diversity

This course examines the basic religious systems of India and China, including their fundamental differences, performative functions, and worldviews. The course evaluates Euro-American theories of religion in light of Asian religious expressions. Previously RS 0101B.

**RLST 1802 Buddhism****3 Credits****Attributes:** ANMC Asian Studies Elective, WDIV World Diversity

This course explores the Indian Buddhist tradition, from its beginning in the life of Shakyamuni Buddha through the present revival of neo-Buddhism in the activism of oppressed classes. The course considers the early formative ideas of the Buddha, the Awakened One, as they unfold in the course of Indian history and society, and discusses Buddhist meditation and philosophy as procedures devised to elicit the awakened state. Using written and visual works, the course examines developments in Buddhist religious orders, lay social life, and the rise of the Great Vehicle tradition. Art and archaeology provide a context for Buddhism's compelling missionary activity throughout Central and Southeast Asia. Previously RS 0188.

**RLST 2099 Religious Studies Seminar****3 Credits****Prerequisite:** One 1000-level religious studies course.

This seminar offers an in-depth investigation of a significant figure, issue, or problem in religious studies. Enrollment by permission only. Previously RS 0399.

**RLST 2113 Jews and Judaism in America****3 Credits****Attributes:** ASUP American Studies Upper Level, JST Judaic Studies Minor, UDIV U.S. Diversity**Prerequisite:** One 1000-level religious studies course.

What has it meant and what does it mean today to be a Jew in America? Viewing Judaism and Jewishness as inseparable from one another, Jews remain a distinct though by no means homogeneous religious and ethnic group in American society. This course explores the religious, cultural, social, economic, and political diversity among American Jews as well as distinctive beliefs, concerns, and experiences that continue to unite them. The course gives special attention to issues concerning immigration, acculturation, gender, and Black-Jewish relations. Previously RS 0213.

**RLST 2115 Women in Judaism****3 Credits****Attributes:** JST Judaic Studies Minor, WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** One 1000-level religious studies course.

This course examines ways in which women have understood and experienced Judaism from the Biblical period through the present, drawing on historical writings, novels, theological essays, and films and giving particular attention to the traditional religious roles and status of women, the many ways in which women have understood Jewish self-identity, and recent feminist efforts to re-evaluate and transform contemporary Jewish life. Previously RS 0215.

**RLST 2118 Faith After the Holocaust****3 Credits****Attributes:** JST Judaic Studies Minor, PJST Peace and Justice Studies, RSTH RS Theology Pathway**Prerequisites:** One 1000-level religious studies course.

This course explores the complexity and horror of the holocaust and its contemporary historical, social, political, and theological implications. What historically made the attempted annihilation of European Jewry possible and how were some Jews able to survive? Was the holocaust unique? Could it have been prevented? What impact did it have on Western faith in humanity and God? What lessons, particularly in light of the resurgence of anti-Semitism in Europe today, can it teach us? Previously RS 0218.

**RLST 2120 Modern Jewish Theology 3 Credits****Attributes:** JST Judaic Studies Minor, RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

This course explores ways in which Jews have sought to know God. While Judaism has long maintained that ultimately God is unknowable, divine and human action, reason, revelation, mystical insight, and prayer are among the paths taken by Jews to gain theological knowledge. Included will be a discussion of works by several 19th- through 21st-Century theologians (e.g., Buber, Baeck, Rosenzweig, Heschel, Fackenheim, Greenberg, Plaskow) in drawing on these paths and in discussing such topics as the nature of the divine covenant, the role of human autonomy, liturgical images of God, and faith after Auschwitz. Previously RS 0315.

**RLST 2150 Second Temple Judaism and the Dead Sea Scrolls 3 Credits****Attributes:** JST Judaic Studies Minor**Prerequisite:** One 1000-level religious studies course.

The Dead Sea Scrolls have rightly been called the greatest manuscript discovery of the twentieth century. Discovered in 1947, they have made a tremendous impact on how scholars today understand Judaism and Christianity in antiquity. Our examination of the community, texts, and archaeology of the Dead Sea Scrolls will begin with a study of the Second Temple Period (520 BCE through 70 CE), one of the most important in the history of Judaism. This course will examine the political, social, and theological developments of this period so that the community of the Dead Sea Scrolls and their writings may be situated within their proper context. Students will learn to read primary texts closely and secondary texts critically as they consider the influence and relationship between texts and their community. Previously RS 0300.

**RLST 2205 Women in the Bible 3 Credits****Attributes:** JST Judaic Studies Minor, WSGF Women, Gender, and Sexuality Studies: Gender Focused**Prerequisite:** One 1000-level religious studies course.

This course examines stories about women that appear in both Jewish and Christian Scriptures by applying various methodological approaches. Conventional methods of interpretation, namely literary and historical-critical, will be used and critiqued. While the focus will be on images of women in the Hebrew Bible/Old Testament (viz., the Jewish Tanakh and the Christian Scriptures), other non-canonical stories about women will also be considered. This course does not presume any previous knowledge of the biblical texts themselves or biblical methodology. Previously RS 0205.

**RLST 2207 Prophetic and Apocalyptic Voices 3 Credits****Prerequisite:** One 1000-level religious studies course.

This course studies the major prophetic voices of the Hebrew and Christian scriptures, concentrating on each prophet's unique vision of God and of the requirements of justice. The course blends these themes with the later apocalyptic consciousness, which demands rectification of the wrongs of hatred and injustice, and offers hope for a better future. Previously RS 0207.

**RLST 2209 Jewish Interpretations of Scriptures 3 Credits****Attributes:** JST Judaic Studies Minor, RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

This course explores ways in which Jews have understood the Hebrew Bible from the first centuries of the Common Era through today. Focusing on specific biblical texts, the course draws interpretations from early classical, legal, and non-legal rabbinic material; medieval commentaries and codes; mystical literature; and modern literary, theological sources. Previously RS 0209.

**RLST 2220 Writings of Paul 3 Credits****Attributes:** CARS Catholic Studies: Religious Studies**Prerequisite:** One 1000-level religious studies course.

This course examines the texts and recurring themes of the writings attributed to Paul, with particular emphasis on Paul's treatment of ethical situations, community, and religious experience. Previously RS 0220.

**RLST 2221 Good News of the Gospels 3 Credits****Attributes:** CARS Catholic Studies: Religious Studies**Prerequisite:** One 1000-level religious studies course.

This course examines the Gospels of Matthew, Mark, Luke, and John according to contemporary exegetical and literary methodologies. The course examines and compares the theological positions of early Christianity as represented by each writer and by other early Christian gospels. Previously RS 0221.

**RLST 2222 Writings of John 3 Credits****Attributes:** CARS Catholic Studies: Religious Studies**Prerequisite:** One 1000-level religious studies course.

This course examines the text of the gospel and epistles attributed to John, placing particular emphasis upon the recurring themes in these writings, the distinctive view of Christianity they represent, and the development of early Christianity to which they witness. Previously RS 0222.

**RLST 2331 The Problem of God 3 Credits****Attributes:** CARS Catholic Studies: Religious Studies, RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

This historical and theological examination of the Christian doctrine of God pays special attention to the problematic aspects of the development of this doctrine through the ages, exploring this development in biblical sources; patristic, medieval, Reformation, and modern times. The course concludes with a consideration of the challenge of post-Enlightenment atheism and of the efforts of contemporary theologians to recast the classical conception of God. Previously RS 0231.

**RLST 2335 Liberation Theology 3 Credits**

**Attributes:** BSAH Black Studies: Arts and Humanities, BSFC Black Studies Focus Course, CARS Catholic Studies: Religious Studies, HASM Humanitarian Action Minor Skills/Method Course, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective, PJST Peace and Justice Studies, RSTH RS Theology Pathway, UDIV U.S. Diversity

**Prerequisite:** One 1000-level religious studies course.

This course analyzes contemporary theological movements that emphasize the relationship of religious faith and praxis to the sociopolitical realm. The course treats at length the development of the Latin American theology of liberation and examines its theological principles, tracing the influence of this theological outlook on other developing world theologies and on North American and European theological reflection. The course proceeds to a constructive proposal for a contemporary political theology. Previously RS 0235.

**RLST 2336 Christian Feminist Theology****3 Credits**

**Attributes:** CARS Catholic Studies: Religious Studies, RSTH RS Theology Pathway, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** One 1000-level religious studies course.

Participants examine some of the key issues being raised in religion by contemporary feminist thinkers. After a brief examination of the history of patriarchy in the Christian tradition and earlier responses by pre-modern feminists, the course considers issues such as feminist methodology, feminist perspectives on traditional Christian doctrines of God, creation, anthropology, Christology, and eschatology. The course concludes with a discussion of the nature of authority and an examination of a feminist theology. Previously RS 0236.

**RLST 2338 Evil****3 Credits**

**Attributes:** CARS Catholic Studies: Religious Studies, RSTH RS Theology Pathway

**Prerequisite:** One 1000-level religious studies course.

This course explores the problem of evil from the perspectives of theology and philosophy. The course considers God and evil, classical theodicies (reasonable justifications of God before the prevalence of evil), modern philosophical accounts of evil, social evil, and the possibility of belief in the face of evil. Within the context of these subjects, the course addresses the following questions: What is evil? What are the roots of evil? What effect does one's understanding of evil have on one's understanding of the human being, of God, and of religion? What is our responsibility in the face of evil? Previously RS 0238.

**RLST 2339 Last Things: Catholic Belief in Life After Death****3 Credits**

**Attributes:** CARS Catholic Studies: Religious Studies, RSTH RS Theology Pathway

**Prerequisite:** One 1000-level religious studies course.

This course first explores the Christian understanding of life after death, affirmed in such beliefs as the resurrection of the body, the last judgment, heaven and hell, and the forgiveness of sins. It then goes on to examine the Catholic tradition's particular contributions to these beliefs in its teachings on purgatory and the communion of the saints. The course asks why these ancient beliefs continue to resonate in contemporary popular culture, and examines modern theological efforts to re-construct these hopeful beliefs for our own times. Previously RS 0239.

**RLST 2428 Early Christianity****3 Credits**

**Attributes:** CARS Catholic Studies: Religious Studies, RSTH RS Theology Pathway

**Prerequisite:** One 1000-level religious studies course.

This course presents a historical overview of early Christianity between the end of the first century and the close of the sixth. The focus of the course is on the institutional and theological development of the early Church after the final books of the New Testament were written. Topics examined include: Jesus and Judaism, Christianity and the Roman Empire, heresies of the Early Church, and the development of Christian theology (in particular the doctrines of Christ and the Trinity). Previously RS 0228.

**RLST 2440 The Medieval Church****3 Credits**

**Attributes:** CARS Catholic Studies: Religious Studies, ISIC Italian Studies: Italy Component

**Prerequisite:** One 1000-level religious studies course.

This course surveys the development of Christianity in medieval Western Europe through the lens of the Western/Latin Church. It presents a broad history of the social, political and religious aspects of the Church as found in a variety of primary sources: mystical and theological writings, hagiographical literature and rules for monastic communities, and official Church documents. Through these sources students are introduced to the critical analysis of primary texts (dating from c. 300-1500) by giving proper attention to the social and cultural context in which they were written. Topics discussed in this course include: monasticism, the rise of papal power, the First Crusade, and the development of cathedrals and universities. Previously RS 0240.

**RLST 2441 Encountering God in Medieval Christian Thought****3 Credits**

**Attributes:** CARS Catholic Studies: Religious Studies, RSTH RS Theology Pathway

**Prerequisite:** One 1000-level religious studies course.

This course presents a historical overview of religious thought in the medieval era (c. 500-1500), with a focus on the institutional and theological developments within Christian monasteries and universities. We will first treat the development of Benedictine monasticism and the types of theological literature associated with the monasteries, before looking at the development of the University system in Western Europe and the types of theology produced in the schools. Finally, we will treat the pervasive presence of 'mystical theologians' who were often neither monks nor university professors, but developed a rich theology grounded in human experience. Previously RS 0241.

**RLST 2443 The Papacy****3 Credits**

**Attributes:** CARS Catholic Studies: Religious Studies, ISIF Italian Studies: Italy-Focused, RSTH RS Theology Pathway

**Prerequisites:** One 1000-level religious studies course.

This survey of the Roman Catholic papacy, generally focuses on a single figure, theme, or period, and places that figure, theme, or period within the larger historical, cultural, and ecclesial context. A significant part of the course treats theological issues, using as texts either papal writings, significant encyclicals, or conciliar statements and actions. The course also includes a critical assessment of the role of the papacy within the Roman Catholic Church and a consideration of the role of the papacy in interreligious dialogue and world affairs. Previously RS 0343.

**RLST 2445 The Reformation Era****3 Credits**

**Attributes:** CARS Catholic Studies: Religious Studies, RSTH RS Theology Pathway

**Prerequisite:** One 1000-level religious studies course.

Participants study the religious reform of the 16th century. The course begins by probing the seeds of reform in the late scholastic tradition and in popular spirituality, and proceeds by tracing the development of the ideas and impact of the reformers: Luther, Zwingli, Calvin, Müntzer, and Schwenckfeld. The course concludes with an investigation of the Roman Catholic response to reform in the events of the Council of Trent and the Counter-Reformation. Previously RS 0245.

**RLST 2448 Faith and Reason: The Catholic Intellectual Tradition 3 Credits****Attributes:** RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

This course leads students to an understanding of the characteristically Catholic ways of engaging the world intellectually. The course examines key ideas of symbol, analogy and sacrament, and central Catholic motifs such as theology as 'faith seeking understanding,' the synthesis of faith and reason and the peculiarly Catholic expression of Christian humanism, as expressed in the work of Catholic philosophers and intellectuals. It attends to feminist and non-Western critiques of the tradition, to Catholicism's approach to some contemporary social problems, and to some examples of the role of the Catholic imagination in the arts. Previously RS 0248.

**RLST 2544 Finding God in All Things 3 Credits****Attributes:** CARS Catholic Studies: Religious Studies, RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

The course aims at a deeper understanding of the origins, development, and present forms of Ignatian spirituality. Students are invited to study in an open yet critical fashion: the life and history of Ignatius of Loyola; the founding and development of the Society of Jesus; the historical context of the major themes of Jesuit spirituality and ways in which these have been worked out in history; strengths, weaknesses, and potential lacunae of this particular charism in the church; its relevance to contemporary spiritual needs, especially in the context of university life; its potential for nurturing lives characterized by love for others and justice for the world. Students are also exposed to the dynamics of the Spiritual Exercises; a variety of prayer forms developed by Ignatius; and a service learning project. The course culminates in a creative project designed by each student. Previously RS 0244.

**RLST 2552 Contemporary Moral Problems 3 Credits****Attributes:** CARS Catholic Studies: Religious Studies, EDCG Educational Studies Cognate, RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

This theological examination of contemporary moral problems considers selected ethical issues in contemporary society and leading approaches to moral decision-making. The course investigates moral problems such as euthanasia and physician-assisted suicide, the death penalty, violence and just war theory, bioethics, sexual and reproductive ethics, global poverty, environmental ethics, and issues in business and legal ethics. Previously RS 0252.

**RLST 2555 Catholic Social Teaching 3 Credits****Attributes:** CARS Catholic Studies: Religious Studies, PJST Peace and Justice Studies, RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

This course examines the modern teachings of the Catholic Church on peace and justice; Christian/humanist attitudes towards war; pacifism and the just war theory; and changes in global political and economic structures that seem necessary to ensure a peaceful and just world order. Previously RS 0255.

**RLST 2557 Christian Spirituality 3 Credits****Attributes:** CARS Catholic Studies: Religious Studies, RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

This course examines the foundations and elements of a spirituality of everyday life from a lay perspective. It considers issues related to the spirituality of university life and to one's broader, future developmental calling on personal, spiritual, and professional levels. Themes of the course include historical overview of Christian spiritual traditions; key theological foundations such as creation, incarnation, doctrine of the Holy Spirit, grace, priesthood of all believers, action, and contemplation; exploration of the practical implications of such a spirituality; and reflection on action for justice. Previously RS 0257.

**RLST 2558 The Classic: Truth in Religion and the Arts 3 Credits****Attributes:** RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

This course examines the idea of the classic as a model for establishing relationships between religious language on the one hand, and poetic discourse and artistic expression on the other. What truth do classics lay claim to and how do they embody it? The course compares secular and religious classics before investigating the value of the classic model in the process of doing theology. Previously RS 0258.

**RLST 2559 Saints and Sinners: Images of Holiness in Contemporary Fiction 3 Credits****Attributes:** CARS Catholic Studies: Religious Studies, RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

This course examines the complexity of current understandings of what it is to be holy. It begins with a brief consideration of traditional models of holiness. It turns next to several influential theories of spiritual growth, and then, in the light of these theories, looks at a series of 20th-century novels that examine the idea of holiness. Authors vary but include Georges Bernanos, Shusaku Endo, Mary Gordon, Graham Greene, David Lodge, Flannery O'Connor, Gloria Naylor, Muriel Spark, and Jean Sullivan. Previously RS 0259.

**RLST 2649 American Catholic Theologians 3 Credits****Attributes:** ASRS American Studies: Religion, ASUP American Studies Upper Level, CARS Catholic Studies: Religious Studies, RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

This lecture/reading course gives students insight into the modern development of Catholic theology in America and what makes it specifically American. Discussion/analysis covers the work of Gustav Weigel, John Courtney Murray, George Tavard, Frank Sheed, Walter Burghardt, and Robley Whitson. Previously RS 0249.



**RLST 2660 I'm Spiritual, Not Religious: The American Spiritual Tradition 3 Credits**

**Attributes:** ASRS American Studies: Religion, ASUP American Studies Upper Level, RSTH RS Theology Pathway

**Prerequisite:** One 1000-level religious studies course.

This course examines a strand of anti-institutionalism in American religion, one, which has culminated in the increasingly popular and ubiquitous phrase, 'I'm spiritual, but not religious.' The claim to spirituality, but not to religiosity, has a rich history in the United States context, beginning in the earliest periods of European settlement. In this course, students will investigate the evolution of this thoroughly American phenomenon across U.S. history and through the examples of spiritual Americans. Students will consider whether the phrase, 'I'm spiritual, but not religious,' though often intended as a statement of one's separateness from religious institutions, has become the marker of a distinctive religious affiliation. Previously RS 0360.

**RLST 2662 Afro-Caribbean and African American Religions: Shout, O Children! 3 Credits**

**Attributes:** ASRS American Studies: Religion, BSAH Black Studies: Arts and Humanities, BSFC Black Studies Focus Course, PJST Peace and Justice Studies, UDIV U.S. Diversity

**Prerequisite:** One 1000-level religious studies course.

This course examines the evolution and innovation of the religions of African people as they were shaped through the middle passage, merged with other religions during the institution of slavery, and created anew on the American continent and throughout the Caribbean Sea. Students will examine how Caribbean traditions like Vodou and Santeria and American iterations of Christianity and Islam arose out of and against institutions and cultures that sought to subjugate them. Further, students will explore how elements of black religious life, from preaching style to music to liturgy to religious thought, have left an indelible mark upon American and Caribbean religious cultures and traditions. Previously RS 0262.

**RLST 2663 New Religious Movements in America 3 Credits**

**Attributes:** ASUP American Studies Upper Level

**Prerequisite:** One 1000-level religious studies course.

This course examines new religious movements, more pejoratively known as 'cults,' and their schismatic cousin 'sects,' on their own terms and in their American context. Students examine multiple religious traditions, including those born and grown in the United States, as well as those imported from outside the United States. Among those traditions studied are the Church of Latter-day Saints, the Theosophical Society, the Branch Davidians, and Scientology. Throughout the course, students seek to answer the following questions: why do new religious traditions arise, how do they thrive, and does the context of American culture have anything to do with their success or failure? Previously RS 0263.

**RLST 2668 American Catholic History 3 Credits**

**Attributes:** ASRS American Studies: Religion, CARS Catholic Studies: Religious Studies

**Prerequisite:** One 1000-level religious studies course.

This course traces the development of American Catholicism from its origins through the extraordinary 19th century expansion to the point today at which 22% of U.S. citizens are Catholic. We will examine how Catholics fared before they had priests or sacramental ministry, how the early church developed in the age of Enlightenment Catholicism, what happened to transform the church during the years of European immigration, and how Catholics struggled for acceptance. We end by tracing the present day decline of cultural Catholicism, the assimilation of Catholics into mainstream American culture and the increasing Latinization of the church. Previously RS 0268.

**RLST 2669 Religion and the Civil Rights Movement 3 Credits**

**Prerequisite:** One 1000-level religious studies course.

With a special emphasis on the public speeches and work of Martin Luther King, Jr., this course will consider the role black religious leaders, institutions, culture played in shaping the modern Civil Rights Movement of the 1950s and 60s. Previously RS 0269.

**RLST 2730 Islamic Theology 3 Credits**

**Attributes:** IWHU Islamic World Studies: Humanities, RSTH RS Theology Pathway

**Prerequisite:** One 1000-level religious studies course.

This course is a survey of major tenets of Muslim belief, points of difference, and schools of theological thought. We will explore important points of faith and investigate the debates that have emerged over the course of Islamic history. Special attention will be paid to the areas of doctrinal formulation, scholastic theology and mystical thought. Our primary readings will consist of both primary sources in translation and current secondary literature. Previously RS 0276.

**RLST 2750 Islamic Ethical and Legal Thought 3 Credits**

**Attributes:** IWHU Islamic World Studies: Humanities, RSTH RS Theology Pathway

**Prerequisite:** One 1000-level religious studies course.

This course examines the different ways that ethical and legal thought have been formulated and practiced within Islam. Students will gain a basic understanding of Islamic law and the legal schools associated with it. The nature of Muslim ethics will be explored in a number of complementary and competing discourses including the law, Muslim philosophy, Sufism, theology, and political theory. Students will analyze pre-modern and modern case studies. Topics to be discussed include governance, war, sex, and biomedical ethics. Our readings will consist of primary sources in translation and current secondary literature. Previously RS 0273.

**RLST 2760 Islam in America 3 Credits**

**Attributes:** ASRS American Studies: Religion, ASUP American Studies Upper Level, IWHU Islamic World Studies: Humanities, UDIV U.S. Diversity

**Prerequisite:** One 1000-level religious studies course.

This course is a survey of Muslim life and religious movements connected to Islam in North America. The course traces the history of Islam on the continent from the Atlantic slave trade to the post-9/11 era. We will investigate the many ways in which Islam, as both a religion and idea, has appeared on the American horizon and in the American imagination. The historic diversity of Muslim communities on the continent will be explored through their respective beliefs, cultures, and sense of identity. Special attention will be paid to the African-American and Immigrant Muslim communities. Previously RS 0275.

**RLST 2795 Islam, Race, Power 3 Credits**

**Attributes:** IWHU Islamic World Studies: Humanities

**Prerequisite:** One 1000-level religious studies course.

Students will undertake a critical investigation of race and ethnicity within Islam from the classical period to the present. The course examines how different Muslims approached the concepts as well as how those concepts were applied to or imposed upon particular Muslim communities. The historical experience of Black Muslims serves as a recurring case study. Moreover, the relationship of race to power is also a central analytical theme. Topics to be discussed include the construction of race, slavery and its abolition, the Black American Muslim experience, and Muslim theologies of liberation and resistance. This course is research and writing intensive. Previously RS 0379.



**RLST 2880 Hinduism****3 Credits****Attributes:** ANMC Asian Studies Elective, WDIV World Diversity**Prerequisite:** One 1000-level religious studies course.

This course introduces the seminal texts, concepts, and images of the major religious tradition of India. Topics include Vedic ritualism; Upanishadic mysticism; yoga meditation; the Bhagavad Gita; the caste system; Vedanta philosophy; the cults of Rama, Krishna, Shiva, and the Goddess; and Gandhi's philosophy of non-violent action. The course views Hinduism as a historical phenomenon, a formative influence on Indian culture and society, and a response to the human condition. Previously RS 0280.

**RLST 2883 Buddhist Spirituality****3 Credits****Attributes:** ANMC Asian Studies Elective, WDIV World Diversity**Prerequisite:** One 1000-level religious studies course.

The course explores the cultivation of meditation and spirituality in the Buddhist tradition, its embodiment in seminal figures in India, China, Japan, and Tibet, and their individual expressions of contemplation and spiritual experience. The association of these Buddhist saints with value systems, specific sites, and sacred activities is examined, especially as the relationships between these persons and their activity in the world reflect their religious path. Particular emphasis is placed on the questions of religious inspiration and creativity, and the manner that these are formed in the process of training in contemplation. Previously RS 0283.

**RLST 2886 Buddhism in the United States****3 Credits****Attributes:** UDIV U.S. Diversity**Prerequisite:** One 1000-level religious studies course.

This course will explore the history, sources, and forms of Buddhism that have prospered in the United States since the mid 19th century, with the emigration of Chinese to California. Subsequent developments will also be examined: Pure land, beat zen, hippie Buddhism, Tibetan Buddhism, and emigrant communities from Japan, China, and Southeast Asia among others. The 'two communities' model (impoverished emigrant vs. wealthy convert Buddhism) will be explored. Visits to Buddhist centers in the Northeast will be part of the program, and if possible, visits from Buddhist representatives to the class. Film, literature, and other media will inform the course as well. Previously RS 0286.

**RLST 2889 Tantrism****3 Credits****Attributes:** ANMC Asian Studies Elective, WDIV World Diversity**Prerequisite:** One 1000-level religious studies course.

The course covers the medieval formation of tantrism, a pan-Indian approach to religion that was to develop separate but related subcultures in Buddhism, Hinduism, and Jainism. With its ability to sacralize formulations of power and sexuality, it went on to become the most widely spread form of Buddhism, with premodern forms found in Tibet, China, Japan, and Eastern Europe. Recent expressions have been found all over the world. The course examines questions of tantrism's medieval origins, its espousal of antinomian conduct, its geographical spread, attempts at its domestication, and its recent developments in India and abroad. Previously RS 0289.

**RLST 2900 Special Topics (Shell)****3 Credits****Attributes:** RSTH RS Theology Pathway**Prerequisite:** One 1000-level religious studies course.

Students and faculty in this course will engage in an in-depth exploration of a significant topic in the field of Religious Studies. The content will vary in successive offerings of this course, depending on the professor. The course may be repeated with the consent of the professor. Previously RS 0299.

**RLST 3990 Independent Study****1-3 Credits****Prerequisite:** One 1000-level religious studies course.

Students, in consultation with a department director, define their course of study. Previously RS 0398.

## Faculty

### Professors

Davidson

Lakeland

Nguyen, *chair*

Thiel

Umansky

### Associate Professors

Dallavalle

Hardy, C. (Visiting)

Slotemaker

Willsky-Ciullo

### Assistant Professors

Schmidt, T. (Visiting)

### Lecturers

Cosacchi

Gaines

McGinley

Prosnit

Ranstrom

Tunney

### Professors Emeriti

Benney

Dreyer

Humphrey

Lang

## Religion in America Minor

For a 15-credit minor in Religion in America, students complete the following:

Code	Title	Credits
Select two Tier I courses from the following:		6
RLST 1601	Religion in the United States	
RLST 2113	Jews and Judaism in America	
RLST 2662	Afro-Caribbean and African American Religions: Shout, O Children!	
RLST 2760	Islam in America	
	or RLST 2886 Buddhism in the United States	
Select two Tier II courses from the following:		6
HIST 2237	American Prophetic Tradition	
	or HIST 3346 Saints, Sinners, and Sisters: Women and Religion in American History	
RLST 1667	Mormonism: An American Church	
RLST 2649	American Catholic Theologians	

RLST 2660	I'm Spiritual, Not Religious: The American Spiritual Tradition	
RLST 2663	New Religious Movements in America	
RLST 3990	Independent Study	3
Total Credits		15

Courses taken in fulfillment of the core requirement in Religious Studies may be counted toward the minor.

## Religious Studies Major

### Learning Outcomes

Graduating Religious Studies majors should be able to:

1. Demonstrate knowledge of the beliefs, practices, and texts of more than one major religious tradition.
2. Understand the diversity and complexity of religious traditions flourishing today.
3. Comprehend the various ways religious beliefs and practices change in distinct temporal and geographical settings.
4. Critically analyze significant questions and problems through the careful study of religious intellectual traditions.
5. Develop scholarly skills to conduct sophisticated research within the discipline.

### Requirements

For a 30-credit major in Religious Studies, students complete the following:

Code	Title	Credits
Select 10 courses in Religious Studies, including:		30
At least two courses at the 1000 level		
At least five courses at the 2000 or 3000 level		
RLST 2099	Religious Studies Seminar or RLST 3990 Independent Study	
Total Credits		30

Courses taken in fulfillment of the core requirement in Religious Studies are counted toward the major.

### Pathways

In consultation with their major advisor, students will designate a 'pathway' through the major by choosing one of the following:

#### Religious Studies

To complete the Religious Studies Pathway, students select six courses from the following:

Code	Title	Credits
RLST 1001	Religion and the Critical Mind	3
RLST 1002	Common Questions, Traditional Response	3
RLST 1003	Religion in a Comparative Key	3
RLST 1004	Peoples of the Book, Sacred Texts, and Their Communities	3
RLST 1101	Introduction to Judaism	3
RLST 1111	History of the Jewish Experience	3

RLST 1201	Hebrew Bible/Old Testament	3
RLST 1402	Introduction to Catholicism	3
RLST 1601	Religion in the United States	3
RLST 1667	Mormonism: An American Church	3
RLST 1801	Asian Religions	3
RLST 1802	Buddhism	3
RLST 2113	Jews and Judaism in America	3
RLST 2115	Women in Judaism	3
RLST 2118	Faith After the Holocaust	3
RLST 2205	Women in the Bible	3
RLST 2207	Prophetic and Apocalyptic Voices	3
RLST 2220	Writings of Paul	3
RLST 2221	Good News of the Gospels	3
RLST 2222	Writings of John	3
RLST 2440	The Medieval Church	3
RLST 2445	The Reformation Era	3
RLST 2660	I'm Spiritual, Not Religious: The American Spiritual Tradition	3
RLST 2662	Afro-Caribbean and African American Religions: Shout, O Children!	3
RLST 2663	New Religious Movements in America	3
RLST 2668	American Catholic History	3
RLST 2760	Islam in America	3
RLST 2880	Hinduism	3
RLST 2886	Buddhism in the United States	3
RLST 2889	Tantrism	3
RLST 2900	Special Topics (Shell)	3
RLST 3990	Independent Study	1-3

#### Theology

To complete the Theology Pathway, students select six courses from the following:

Code	Title	Credits
RLST 1701	Introduction to Islam	3
RLST 2118	Faith After the Holocaust	3
RLST 2120	Modern Jewish Theology	3
RLST 2209	Jewish Interpretations of Scriptures	3
RLST 2331	The Problem of God	3
RLST 2335	Liberation Theology	3
RLST 2336	Christian Feminist Theology	3
RLST 2338	Evil	3
RLST 2339	Last Things: Catholic Belief in Life After Death	3
RLST 2428	Early Christianity	3
RLST 2441	Encountering God in Medieval Christian Thought	3
RLST 2443	The Papacy	3
RLST 2445	The Reformation Era	3
RLST 2448	Faith and Reason: The Catholic Intellectual Tradition	3
RLST 2544	Finding God in All Things	3
RLST 2552	Contemporary Moral Problems	3
RLST 2555	Catholic Social Teaching	3

RLST 2557	Christian Spirituality	3
RLST 2558	The Classic: Truth in Religion and the Arts	3
RLST 2660	I'm Spiritual, Not Religious: The American Spiritual Tradition	3
RLST 2649	American Catholic Theologians	3
RLST 2730	Islamic Theology	3
RLST 2750	Islamic Ethical and Legal Thought	3
RLST 2795	Islam, Race, Power	3
RLST 2900	Special Topics (Shell)	3
RLST 3990	Independent Study	1-3

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Religious Studies Minor

### Learning Outcomes

Graduating Religious Studies minors should be able to:

1. Demonstrate knowledge of the beliefs, practices, and texts of more than one major religious tradition.
2. Understand the diversity and complexity of religious traditions flourishing today.
3. Comprehend the various ways religious beliefs and practices change in distinct temporal and geographical settings.
4. Critically analyze significant questions and problems through the careful study of religious intellectual traditions.

### Requirements

For a 15-credit minor in Religious Studies, students complete the following:

Code	Title	Credits
Select 1-3 courses at the 1000 level		3-9
Select at least two courses at the 2000 or 3000 level		6-12
Total Credits		15

Courses taken in fulfillment of the core requirement in Religious Studies may be counted toward the minor.

## Russian, East European, and Central Asian Studies

The end of the Cold War, along with the collapse of the Soviet Union and communist regimes in Eastern Europe, offers a unique opportunity to take a fresh look at an old field: Russian and East European area studies. Formerly caught within the framework of the Cold War, new societies are emerging, struggling to come to grips with their pasts and forging their own unique futures.

The Russian, East European, and Central Asian studies minor, an interdisciplinary program developed jointly by the College of Arts and Sciences and the Charles F. Dolan School of Business, offers students an

opportunity, from a base major either in international studies or one of the disciplines, to develop a focus on this dynamic area of the world.

### Programs

- Russian, East European, and Central Asian Studies Minor (p. 215)

### Courses

#### RECS 3980 Internship 3 Credits

Candidates work a minimum of eight hours per week during the semester either for the Russian, East European, and Central Asian Studies Program director, helping with publicity, coordination, and public events, or for an organization or business in the area doing work in Russia, Eastern Europe, or Central Asia. Under the direction of a faculty member in Russian, East European, and Central Asian Studies, interns regularly report on their work and write an evaluation of the experience at the end of the summer. The internship is available only to juniors and seniors seeking a minor in Russian, East European, and Central Asian Studies. Previously RES 0395.

#### RECS 4999 Capstone Seminar: Current Topics in Russia, Eastern Europe, and Central Asia 3 Credits

**Prerequisite:** Junior standing.

This interdisciplinary seminar, team-taught by faculty members from different disciplines or available as an independent project, focuses on current and changing developments in Russia, Eastern Europe, or Central Asia and covers culture, politics, business, and economics, enabling students to integrate their different disciplines in a case-study format. The course includes oral and written assignments in addition to a special seminar project, designed by students in close consultation with instructors. Previously RES 0310.

### Faculty

#### Director

McFadden (History)

#### Steering Committee

Bowen (English)  
Garvey (English)  
Nantz (Economics)  
Rose (Visual and Performing Arts)  
Syssoeva (Modern Languages and Literatures)

#### Affiliated Faculty

Eliasoph, P. (Art History)  
Grossman (Visual and Performing Arts), Emeritus  
Leatherman (Politics)  
Pearson (English)

## Russian, East European, and Central Asian Studies Minor

To earn an 18-credit Russian, East European, and Central Asian studies minor, students complete the following:

Code	Title	Credits
Select five courses in Russian, East European, and Central Asian Studies <sup>1</sup>		15
RECS 4999	Capstone Seminar: Current Topics in Russia, Eastern Europe, and Central Asia <sup>2</sup>	3
Total Credits		18

- <sup>1</sup> Three of these courses, from a range of seven disciplines, must be exclusively or substantially concerned with Russia and/or Eastern Europe. Two may have a component concerned with Russia, Eastern Europe, or Central Asia. At least three different disciplines must be represented.
- <sup>2</sup> RECS 4999 is required of all minors in their junior or senior year. This seminar is either team-taught by a rotating group of faculty from several disciplines, or is an independent project with a faculty advisor.

Independent study and internships are encouraged, and can be substituted for any course with the approval of appropriate faculty and the program director. Students are also encouraged to apply for a junior semester or year abroad in Russia, Central or Eastern Europe, or Central Asia from a wide range of affiliated programs, including American Councils (St. Petersburg), the Consortium on International Educational Exchange (Prague, Budapest, St. Petersburg, Yaroslavl), and Fairfield’s own programs at St. Petersburg’s Herzen University, the St. Petersburg State University of Economics and Finance, Pomor University (Arkangelsk), Cherepovets State University (Cherepovets), Immanuel Kant University (Kaliningrad), Kazakhstan, or Kyrgyzstan.

## Russian, East European, and Central Asian Studies Electives

Code	Title	Credits
AHST 1191	Art and Mythologies of Nazi Germany, Fascist Italy, Bolshevik Russia: Comparative Systems & Outcomes	3
ECON 3230	Comparative Economic Systems	3
ENGL 1120	19th-Century Russian Novel and World Literature	3
ENGL 1320	20th Century Russian Fiction	3
HIST 2271	Introduction to Russian History, Culture, and Civilization	3
HIST 2272	Russia, 700-1700: History and Myth	3
HIST 2273	History and Culture of Central and Eastern Europe Since 1945	3
HIST 2275	Russia’s Road to Revolution	3
HIST 2276	St. Petersburg in Russian History	3
HIST 2284	20th Century Russia	3
HIST 3356	History of the Cold War	3
HIST 3385	Comparative Russian Revolutions	3
POLI 2251	Islam and Muslim Politics	3
RUSN 1110	Elementary Russian I	3
RUSN 1111	Elementary Russian II	3
RUSN 2210	Intermediate Russian I	3
RUSN 2211	Intermediate Russian II	3

## Sociology and Anthropology

The Sociology and Anthropology Department at Fairfield University challenges students to critically examine the social and cultural dimensions of the modern world. The program integrates quantitative and qualitative approaches to understand and engage major social problems faced by societies, our own and others.

Sociology is the scientific study of human society and social behavior. It seeks to understand why individuals form groups and how membership in groups influences a person's behavior. Why do human beings live in families? Why do the rich act, and even think, differently from the poor? What makes some people break social rules and others obey them? What holds societies together? Why do they sometimes break apart? Why do all societies change over time? These are questions that sociologists ponder.

Anthropology asks similar questions, while emphasizing cross-cultural, interdisciplinary and longer-term perspectives. The discipline includes four subfields: biological anthropology, archaeology, linguistics, and cultural anthropology. This integrative and comparative approach highlights patterns of similarity and difference among human groups and helps people understand their own practices and those of others in a broader cross-cultural and historical context.

The department offers two majors and two minors. Students may choose the sociology major or the joint sociology-anthropology major. For minors, students pursue a sociology minor or an anthropology minor.

Sociology and anthropology students are supported by a committed faculty, dedicated to developing their knowledge of these disciplines. Sociology and sociology-anthropology majors at Fairfield University begin their study by taking several fundamental courses that provide them with an understanding of the basic concepts and methodologies of the field. Students build on this foundation by selecting from a wide variety of elective courses. The diversity and flexibility of the curriculum provides unique opportunities for majors and minors to work with faculty to clarify their career goals and build an excellent foundation for graduate school, or for finding careers in fields such as business, marketing and communication, criminal justice, social work, health services, and education.

### Programs

- Anthropology Minor (p. 222)
- Sociology Major (p. 222)
- Sociology Minor (p. 222)
- Sociology and Anthropology Major (p. 221)

## Courses

### Anthropology

#### **ANTH 1100 Introduction to Four-Field Anthropology 3 Credits**

**Attributes:** WDIV World Diversity

Who are we, where do we come? Why is life unfair, and why do intolerance, poverty and inequality persist? Anthropologists hold no monopoly on truth or explanation, but they do employ a wide range of methods to explore what it means to be human. In this introductory anthropology course we survey the four sub-fields that comprise this multi-disciplinary science: biological anthropology, archaeology, sociocultural anthropology, and linguistics. Over the course of the semester, we will explore what anthropology and its sub-fields contribute to our understanding of ourselves, our histories, and our world. Previously AY 0010.

#### **ANTH 1110 Cultural Anthropology 3 Credits**

**Attributes:** WDIV World Diversity

Why is there such variety in the way people live, dress, speak, eat, love and fight? This course explores the shared patterns of thought, behavior, and feelings - that is, the cultures - of a number of peoples and presents explanations for the forms they take and the differences between them. The course helps students develop a new perspective on the values and institutions of Western culture. Previously AY 0111.

#### **ANTH 1115 Cultures of Africa 3 Credits**

**Attributes:** BSFC Black Studies Focus Course, BSSS Black Studies: Social and Behavioral Sciences, INEL International Studies / International Business Elective, WDIV World Diversity

This course explores the wealth of cultural traditions and histories from Africa. It begins with an abridged review of African history from the dawn of humankind to 21st century challenges and achievements. Then the focus shifts to regional case studies through African literature, film, and music. For the final segment of the class, students conduct and present original research on the cultural dynamics of critical issues facing contemporary Africans. Students learn and practice research methods in African Studies and anthropology. Previously AY 0130.

#### **ANTH 1120 Islamic Societies and Cultures 3 Credits**

**Attributes:** INEL International Studies / International Business Elective, IWSS Islamic World Studies: Social Sciences, WDIV World Diversity  
This is an anthropological inquiry into a number of Muslim societies. This course investigates the cultural, ethnic, and linguistic diversity within Muslim societies, while seeking to understand what they have in common with each other and with their non-Muslim neighbors. Previously AY 0152.

#### **ANTH 1125 Sex, Gender, and Sexual Orientation 3 Credits**

**Attributes:** INEL International Studies / International Business Elective, WDIV World Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

Through a comparison of selected Asian, Middle Eastern, African, and Native American societies, this course explores the ways that culture can mold the biological facts of sexual difference into socially accepted behavior, creating two, and sometimes more, genders. Topics include the allocation of work, power, and prestige between men and women, the belief systems that legitimate gender roles, and some possible causes for the wide variation that exists among cultures. Previously AY 0168.

#### **ANTH 1200 Biological Anthropology 3 Credits**

The study of natural selection, primate evolution, and living primate societies provides a baseline from which to study the evolution of the human species. The course also traces human cultural and social development from the foraging bands of the first humans to the civilizations that appeared at the dawn of written history. Students also examine physical variation among living populations. This course meets the core natural science requirement and not the social science requirement. Previously AY 0110.

#### **ANTH 1210 Biomedical Anthropology 3 Credits**

**Attributes:** HSST Health Studies: Science and Technology

This seminar-style class explores biological anthropology to examine the dynamic relationship between health, biology, and culture. Across cultures, geography, and time, we uncover the underlying processes that inhibit or enhance human health. From the biology of stress to the eradication of tuberculosis and Ebola, we'll see biological anthropology's invaluable contributions to modern medicine, public health, and global health management. Students will learn theoretical and applied approaches to understand the evolution and ecology of disease; human development and metabolism; and sexuality and gender; as well as health policy and medical practice (in terms of cultural universals, differences, and disparities). This course meets the core natural science requirement and not the social science requirement. Previously AY 0115.

#### **ANTH 1500 Anthropology of Happiness 3 Credits**

**Attributes:** MSID Magis Core: Interdisciplinary

This course will explore the biological, behavioral, and cultural dimensions of happiness through the interdisciplinary lens of four-field anthropology. We begin with linguistics and archaeology, and we integrate philosophy, religious studies, visual arts, and poetry to define happiness and to explore the roots and evolution of happiness into the 21st century. In unit two, we shift to biological and cultural anthropology, along with neurology, chemistry, and psychology to examine the myriad ways humans pursue and experience happiness across the world. We conclude with a final unit in which we apply our interdisciplinary knowledge to complete several short happiness projects. Previously AY 0147.

#### **ANTH 1510 Anthropology of Food 3 Credits**

The way humans make and consume food shapes our lives and transforms our world. From our hunter-gatherer past to your family's most recent holiday dinner, in this course we explore the relationship between food, society, and our environment. Through cross-cultural, historical, and ecological studies, the anthropology of food reveals fascinating patterns of cooperation, inequality, and human diversity. The class is divided into three parts: making food (food production), eating food (food consumption), and being food (relationship between food and identity). Our semester includes three feast days and an off-campus field trip. Previously AY 0145.

#### **ANTH 1900 Special Topics (Shell) 3 Credits**

Special topics in anthropology provide an opportunity for students and faculty to explore compelling themes that are not covered in the department's regular course rotation and curriculum. Previously AY 0190.

#### **ANTH 2010 Culture and Political Economy 3 Credits**

**Attributes:** MWAC Magis Core: Writing Across Curriculum

This course examines the ways in which global political economic dynamics impact local cultures. Students will begin with classic texts in social theory, examine how this theory informs contemporary debates, and look to small-scale societies in the Global South for an intimate, ethnographic perspective of our global era. Crosslisted with INST 1052. Previously AY 0052.



**ANTH 2015 Refugees and Culture****3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, INEL International Studies / International Business Elective, PJST Peace and Justice Studies, WDIV World Diversity

This course provides students with an overview of refugee movements with a focus on cultural encounters across the world. Students will focus on the social integration and identity adjustments of refugees in their host communities and/or country. The course will also allow students to learn about cultural adjustments of both refugees and host communities whether it is in the United States, Europe, Middle East, or Africa. Students will explore how features of the specific societies serve to inhibit or augment cultural adjustments and meet the new needs and realities of populations in movement. Previously AY 0135.

**ANTH 2025 Philosophy and Economic Anthropology****3 Credits**

**Attributes:** PMMP Philosophy Major: Major Philosopher

This course examines the economy from philosophical and anthropological perspectives. We will investigate why people produce and exchange things, why they seek to amass things in some circumstances and give them away in others, and how our modern understandings of value, debt, and rationality emerged. Previously AY 0199.

**ANTH 2100 Culture and Inequality****3 Credits**

**Attributes:** INEL International Studies / International Business Elective, PJST Peace and Justice Studies

This course focuses on the concepts of 'culture' and 'inequality,' two terms employed to deal with 'difference' in a range of intriguingly different and morally charged ways. The course explores recent work in anthropology, economics, and sociology using culture and/or inequality as a lens through which to view various issues in contemporary social theory. In the process, students work to discover what kind of lens culture and/or inequality provides, how our implicit understandings of these ideas shape how we think about the world, and how we might better use such ideas to do our thinking. Previously AY 0163.

**ANTH 3600 Anthropological Research Methods****3 Credits**

**Attributes:** HASM Humanitarian Action Minor Skills/Method Course, INEL International Studies / International Business Elective

How does anthropological field research help us understand our lives, our communities, and our world? How might anthropological research methods help you explore and pursue your own passions or professional ambitions? In this course students conduct original anthropological field research, write an original journal article manuscript, and they develop an online portfolio to share results and conclusions beyond our classroom. Over the course of our semester, students learn and practice techniques for designing, proposing, conducting, analyzing, and sharing anthropological field research. The class is divided into four sections: Developing Your Research Question, Your Anthropology Toolkit, Anthropological Analysis and Writing, and a final Research Symposium. Previously AY 0200.

**ANTH 3700 Grant Writing for the Social Sciences****3 Credits**

**Attributes:** EVAP Environmental Studies: Applied Professional Skills, HASM Humanitarian Action Minor Skills/Method Course, INEL International Studies / International Business Elective

This course will introduce students to the practicalities of international research, with particular emphasis on qualitative social science methods and the eventual aim of producing a viable grant proposal. The course will be taught from an anthropological perspective, but the skills developed should be broadly applicable to the social sciences and humanities. Previously AY 0180.

**ANTH 3710 Theory and Practice in Anthropology****3 Credits**

This course focuses on the production of ethnographic knowledge, a form of intellectual inquiry at once art and science, evocation and explication. Emerging in the 20th century as the preeminent form of anthropological expression, ethnographies are one of the few scholarly means of understanding other cultures and societies in meaningful depth. At the same time, ethnographies reveal as much about the disciplines and societies in which they are produced as they do about distant 'others.' Previously AY 0189.

**ANTH 4990 Independent Study****1-3 Credits**

Independent study experiences provide intellectually curious students with opportunities to take the reins of their education and delve deeply into the ideas and subjects that truly inspire them. Upon request and by agreement of an individual professor in the department, students undertake a one-semester independent study on a defined research topic in anthropology. Previously AY 0399.

## Sociology

**SOCI 1100 Introduction to Sociology****3 Credits**

This introduction to sociology provides students with a sense of sociology's orientation; its particular way of looking at human behavior in the context of people's interaction with each other. The course emphasizes the kinds of questions sociology asks, the methods it uses to search for answers, and how it applies the answers to problems of people's everyday lives and issues of social policy. Previously SO 0011.

**SOCI 1110 American Society****3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASSO American Studies: Sociology, UDIV U.S. Diversity

This course analyzes the dominant ideology and values that have shaped American culture, namely the Protestant ethic, and how and why these values are changing. The course also analyzes major institutional trends that have transformed and continue to transform America and the modern world: bureaucratization, industrialization, urbanization, the rise of the business corporation, science, and technology, and the effects of these institutions in producing new personality types, mass society, and rapid social change. The course provides a macro-sociological framework. Previously SO 0112.

**SOCI 1115 Sociology of the Family****3 Credits**

**Attributes:** ASSO American Studies: Sociology, WSGC Women, Gender, and Sexuality Studies: Gender Component

The family is a basic social institution of all societies. This course, which examines family systems as they exist in other cultures and in times past, focuses on understanding the contemporary American family system. Students consider American patterns of dating, mate selection, sexual behavior, marriage, parenting, and aging, as well as alternative life styles and family instability. Previously SO 0142.

**SOCI 1120 Sociology of Sexuality****3 Credits**

**Attributes:** ASSO American Studies: Sociology, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course explores the social construction of human sexual behavior, examining the influence of social institutions on sexuality, social responses to variations in behaviors, and the organization of sexual identities. Previously SO 0144.

**SOCI 1125 Sociology of Religion****3 Credits****Attributes:** ASSO American Studies: Sociology, UDIV U.S. Diversity

This course offers a combined theoretical and empirical treatment of the sociology of religion, the character of religious institutions, the relations of religious institutions with other institutions in society, and the internal social structure of religious institutions. It gives particular attention to the process of secularization in the modern world and the crisis this poses for traditional religion. Previously SO 0151.

**SOCI 1130 Feminism, Gender, and Everyday Life****3 Credits****Attributes:** ASGW American Studies: Gateway, ASSO American Studies: Sociology, PJST Peace and Justice Studies, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course provides an introduction to the study of gender through a feminist lens. The central themes of the course are the changes and continuities of gender roles within the United States, the social processes that influence our gender identities, and the connections between gender, power, and inequality. The course addresses the ways in which the media, popular culture, work, and schools have been pivotal sites for the creation and maintenance of gender performances, and explores sites of resistance in art and activism. The course pays special attention to the ways in which race, class, and sexualities intersect processes of gender relations and social change. Previously SO 0166.

**SOCI 1135 Race, Gender, and Ethnic Relations****3 Credits****Attributes:** ASGW American Studies: Gateway, ASSO American Studies: Sociology, BSFC Black Studies Focus Course, BSSS Black Studies: Social and Behavioral Sciences, EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, PJST Peace and Justice Studies, UDIV U.S. Diversity, WSGC Women, Gender, and Sexuality Studies: Gender Component

This course analyses sociological and social psychological dimensions of race relations, ethnic interaction, and the changing role and status of women. It focuses on the American scene but also examines problems of women and minorities in other parts of the world and their importance for world politics. It also considers what sociologists and social psychologists have learned about improving dominant/minority relations. Previously SO 0162.

**SOCI 1140 Urban/Suburban Sociology: NYC****3 Credits****Attributes:** ASSO American Studies: Sociology, BSCC Black Studies Component Course, BSSS Black Studies: Social and Behavioral Sciences

This course explores the nature of the city and growth of metropolitan regions in the contemporary world; the ecological approach and the use of demographic data in the analysis of modern urban communities; social organization of metropolitan regions and the emergence of urban-suburban conflict; big-city politics, community control, and regional government as dimensions of organization and disorganization in city life; and city planning and urban development at local and national levels as efforts to solve the urban crisis. Previously SO 0163.

**SOCI 1145 Globalization****3 Credits****Attributes:** ASSO American Studies: Sociology, INEL International Studies / International Business Elective

The single most powerful force transforming the world in which we live is the accelerating process of globalization. Information from the Internet, ideas, technology, products, services (and even people, the slowest to move) are all moving within and across national boundaries every hour of every day. As Joseph Stiglitz, former chief economist for the World Bank, puts it, 'Globalization is like a giant wave that can either capsize nations or carry them forward on its crest.' The goal of this course is to begin to understand the complex causes and effects of globalization. What's driving it and what kind of future is it likely to bring? Previously SO 0190.

**SOCI 1150 Introduction to International Migration****3 Credits****Attributes:** BSCC Black Studies Component Course, BSSS Black Studies: Social and Behavioral Sciences, EDCG Educational Studies Cognate, HACA Humanitarian Action Minor Context Course, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective, WDIV World Diversity

This course examines the causes, processes, and concerns of international migration, which are explored through the use of case studies that include a wide range of countries from different world regions. These case studies include international migrants, such as refugees, labor migrants, and undocumented migrants. In addition to studying the migrants and the reasons for their international movement, participants have the opportunity to discuss opposing perspectives on the immigration policies of developed countries. Previously SO 0185.

**SOCI 1155 Sociology of Europe****3 Credits****Attributes:** INEL International Studies / International Business Elective

This course introduces the basic political, economic, and sociological elements of contemporary Europe. It begins with an overview of historical events that have shaped the region. While examining the region as a whole, this course also emphasizes the political, socioeconomic and more recent cultural diversity that characterizes the European continent. Topics include political developments and regional integration such as the creation of the European Union, geopolitical dilemmas, popular culture, migration, social change, public policies, inequality, and secularization. A comparative macro-sociological framework will be used to discuss differences and similarities with contemporary American society. Previously SO 0189.

**SOCI 1160 Contemporary Latin American and Caribbean Society****3 Credits****Attributes:** INEL International Studies / International Business Elective, LCEL LACS Minor: Elective

This course introduces the basic political, economic, and sociological elements of contemporary Latin America and the Caribbean. It begins with an overview of the historical events that have shaped the region. While examining the region as a whole, this course also emphasizes the political, economic, and cultural diversity that characterizes Latin America and the Caribbean. Drawing from several disciplines, while emphasizing sociological approaches, this course explains some of the positive, as well as the more dubious events in contemporary Latin American and Caribbean society. Topics include popular culture, migration, political change, regional integration, urbanization, gender, and inequality, among others. Case studies will be selected for more detailed discussion based on current events. Previously SO 0188.

**SOCI 1165 Social Change in Developing Nations****3 Credits****Attributes:** INEL International Studies / International Business Elective, LCEL LACS Minor: Elective, WDIV World Diversity

This course examines the major societal changes occurring in developing countries, seeking answers to two basic questions: To what extent are the current modernization efforts of Third World nations comparable to the earlier experience of the United States and Western Europe? How do existing inequalities and dependencies between developed countries and Third World nations affect their chances of modernizing? Students complete a semester-long web-based study of a particular country. Previously SO 0191.

**SOCI 1900 Special Topics (Shell)****3 Credits**

Special topics in sociology provide an opportunity for students and faculty to explore compelling themes that are not covered in the department's regular course rotation and curriculum. Previously SO 0195.

**SOCI 2100 American Class Structure****3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASSO American Studies: Sociology, EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, PJST Peace and Justice Studies, UDIV U.S. Diversity  
This course examines the roots and structure of class in the United States and the consequences of this hierarchical arrangement on everyday life. It focuses primarily on social class; however, the dynamics and consequences of social class cannot be fully understood without addressing the complex interconnections between class, race, and gender. Graduate equivalent: SOCI 5100. Previously SO 0161.

**SOCI 2110 Race, Cities, and Poverty****3 Credits**

**Attributes:** ASSO American Studies: Sociology, BSFC Black Studies Focus Course, BSSS Black Studies: Social and Behavioral Sciences, EDCG Educational Studies Cognate, PJST Peace and Justice Studies, UDIV U.S. Diversity  
The geography of cities is in constant flux. People move in and out, businesses open and close, city government institutes social policy in response to existing changes in different communities. Many of the changes in cities have been influenced by racial-ethnic and economic dynamics. In this course we will examine the ways race has shaped our perceptions of and responses to community. Why are urban areas 'racialized'? Why does talk of the underclass imply Black Americans and Latinos? We will focus primarily on Black Americans, but will also consider white ethnic groups and other ethnic groups in discussion. In our examinations we will focus on case studies of urbanization and race such as post-Katrina New Orleans, southern migration to Chicago, and Bridgeport. Graduate equivalent: SOCI 5110. Previously SO 0165.

**SOCI 2115 Women: Work and Sport****3 Credits**

**Attributes:** ASSO American Studies: Sociology, PJST Peace and Justice Studies, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused  
Sex and gender stratification exists in most areas of everyday life throughout American society. This course concentrates on women in the workplace and in sport. It analyzes women's occupational status and the accompanying roles from the colonial period to the present from a variety of theoretical perspectives. Since sport is a microcosm of society, the course treats the perceptions and experiences of female athletes in 20th-century America as a mirror of the inequality within the larger world. Previously SO 0169.

**SOCI 2120 Population: Birth, Death, and Migration****3 Credits**

**Attributes:** HSSS Health Studies: Social Science, WDIV World Diversity Demography, the study of population, is the basis of this course. It examines the causes and consequences of population change. The course addresses global population problems and those faced by the United States. Students analyze real demographic data during weekly demographic techniques sessions. Previously SO 0184.

**SOCI 2200 Criminology****3 Credits**

**Attributes:** ASSO American Studies: Sociology  
This course examines crime rates and crime trends in the U.S. Theories of criminal behavior are critically analyzed. It also explores victimless crime, white collar crime, and organized crime. Societal responses to crime and criminals are addressed. Previously SO 0171.

**SOCI 2210 Sociology of Law****3 Credits**

**Attributes:** ASSO American Studies: Sociology  
Based in the relationship of law and society, this course explores the meaning of law, civil disobedience, and other challenges, and law as an agent of social change. It takes as its major theme legal equality versus social inequality and analyzes this theme in terms of discrimination against the poor, women, and various racial groups. Students discuss the role of lawyers, the police, and the courts in American society in the second half of the semester. Previously SO 0175.

**SOCI 2215 Death Penalty in America****3 Credits**

**Attributes:** ASSO American Studies: Sociology, PJST Peace and Justice Studies  
This course is an in-depth analysis of capital punishment. The history of the death penalty and its contemporary status in the U.S. is explored. Public opinion and the decisions of the courts, prosecutors, and juries are addressed. Some of the questions raised include the following: Is the death penalty a deterrent? Is it racially biased? Does it victimize the poor? Are the innocent ever convicted and executed? What sociological factors influence clemency decisions? How is the U.S. position on the death penalty perceived by the international community? Previously SO 0179.

**SOCI 2220 Criminal Justice System Seminar****3 Credits**

**Attributes:** ASUP American Studies Upper Level, PJST Peace and Justice Studies  
This seminar explores in detail the workings and problems of the criminal justice system in the United States. In addition to investigating the sources of criminal behavior, the course focuses on the arraignment process, probation, the trial, sentencing, prison reform, and parole. Previously SO 0279.

**SOCI 2300 Sociology of Education****3 Credits**

**Attributes:** BSFC Black Studies Focus Course, BSSS Black Studies: Social and Behavioral Sciences, EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, UDIV U.S. Diversity  
This course introduces students to sociological perspectives on education. We will focus on the structure, practices, content, and outcomes of schooling in contemporary society. Throughout the semester, we address three fundamental questions. What are the primary goals of American education? Why are there systematic patterns of race, class, and gender inequality in education? How can we use the sociological lens to understand, contextualize, and alleviate educational problems in the real world? Drawing upon readings dealing primarily with American education, we discuss how educational experiences influence important life outcomes including lifetime earnings, health status, and interaction with the criminal justice system. Graduate equivalent: SOCI 5300. Previously SO 0194.

**SOCI 2400 Social Work: An Introduction****3 Credits**

**Attributes:** HSSS Health Studies: Social Science  
**Prerequisite:** Sophomore standing.  
This overview of the social work profession emphasizes the knowledge base, theories, values, and skills that underlie generalist social work practice with individuals, groups, families, and communities. Students consider a range of social problems and social policy concerns as well as the impact of these issues on diverse client populations. The course also conducts a related exploration of the role of the social worker in agency settings and the various fields of practice. Crosslisted with SWRK 2400. Previously SO 0192.

**SOCI 2410 History of Social Welfare****3 Credits**

**Attributes:** ASSO American Studies: Sociology, HSSS Health Studies: Social Science, PJST Peace and Justice Studies

**Prerequisite:** Sophomore standing.

The course explores the development of the social work profession within the context of the evolution of social welfare in the United States, emphasizing the political, economic, social, and philosophical forces that have forged social welfare policy and helped shape the social work profession. Exploration of the importance of divisions in American society regarding social justice and issues of class, race, ethnicity, and gender provide a framework through which to view current controversies such as welfare reform and the feminization of poverty. Crosslisted with SWRK 2410. Previously SO 0193.

**SOCI 3600 Methods of Research Design****4 Credits**

**Attributes:** ASSO American Studies: Sociology, EVAP Environmental Studies: Applied Professional Skills

This course examines the nature and function of scientific methods as applied to the field of sociology, emphasizing survey research design and secondary analysis of existing data. Student teams design and conduct research projects as part of the course assignments. Previously SO 0222.

**SOCI 3610 Statistics: Social and Political Data Analysis****4 Credits**

**Attributes:** EVAP Environmental Studies: Applied Professional Skills

This course provides a basic introduction to the role of statistical analysis in understanding social and political data, with an emphasis on actual data analysis using the University's computer facilities. It uses an extensive social and political data archive including 2000 Census data, political polls, and national survey data for computer analysis. Previously SO 0221.

**SOCI 3700 Classical Social Theory****3 Credits**

This course in sociological theory concentrates on the writings of Smith, Marx, Durkheim, and Weber, placing their theories in the context of the social, economic, political, and intellectual turmoil of the late 18th and early 19th centuries. The course includes a focus on the development of sociology as a discipline in the early 20th century and the enduring concerns of the perspective to analyze 'modern' industrialized societies. Previously SO 0228.

**SOCI 3710 Contemporary Social Theory****3 Credits**

This course focuses on contemporary American and European sociology and its development after 1945, examining critical social theory, structural functionalism, symbolic interactionism, ethnomethodology, feminism, world systems theory and post modernism. Contemporary application is a central concern in the course. Previously SO 0229.

**SOCI 4980 Field Work Placement****3 Credits**

In this one- or two-semester internship program, students are placed in professional and service settings where they work under supervision and acquire experience in the area chosen for placement. In addition, they integrate their experiences with the intellectual foundation acquired in their academic courses. Open to senior majors only. Previously SO 0397-0398.

**SOCI 4990 Independent Study****1-3 Credits**

Upon the request and by agreement of an individual professor in the department, students undertake a one-semester independent study on a defined research topic or field. Previously SO 0399.

**Faculty****Professors**

Crawford

Mielants

**Associate Professors**Brunn-Bevel, *chair*

Jones

Lacy

**Assistant Professors**

Babo

Cansoy

Rodrigues

**Lecturers**

Aronsen

Delfino

Hebdon

Oliver

Quartey

Raymond

Wessler

Wilson

Zichello

**Professors Emeriti**

Fay

Hodgson

Schlichting

**Sociology and Anthropology Major****Requirements**

For a 30-credit joint major in Sociology and Anthropology, students complete the following:

Code	Title	Credits
ANTH 1100	Introduction to Four-Field Anthropology	3
ANTH 3600	Anthropological Research Methods	3
ANTH 3710	Theory and Practice in Anthropology	3
SOCI 1100	Introduction to Sociology	3
SOCI 3600	Methods of Research Design	4
SOCI 3700	Classical Social Theory	3
Select four additional elective courses in Sociology and Anthropology		12
Total Credits		31

**Internships**

Students may elect to take Field Work Placement for one or two semesters in their senior year in addition to fulfilling the basic requirements of their major. Our internship coordinator, Dr. Rose Rodrigues, works with students to identify compelling internship opportunities and to integrate the internship experience into the Sociology and Anthropology curriculum. Students initiate the process for an internship during the registration period prior to the desired internship semester.



## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Sociology Major

### Requirements

For a 30-credit major in Sociology, students complete the following:

Code	Title	Credits
SOCI 1100	Introduction to Sociology	3
SOCI 3600	Methods of Research Design	4
SOCI 3610	Statistics: Social and Political Data Analysis	4
SOCI 3700	Classical Social Theory	3
SOCI 3710	Contemporary Social Theory	3
Select five elective courses in Sociology and Anthropology <sup>1</sup>		15
Total Credits		32

<sup>1</sup> May include 3 credits (one course) in anthropology.

## Internships

Students may elect to take Field Work Placement for one or two semesters in their senior year in addition to fulfilling the basic requirements of their major. Our internship coordinator, Dr. Rose Rodrigues works with students to identify compelling internship opportunities and to integrate the internship experience into the Sociology & Anthropology curriculum. Students initiate the process for an internship during the registration period prior to the desired internship semester.

## Sociology Major with a Minor in Secondary Education

Students majoring in sociology may also minor in secondary education. Please contact Dr. Rachelle Brunn in the Department of Sociology and Anthropology for additional information for minoring in education as a sociology major.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Sociology Minor

For a 15-16 credit minor in sociology, students complete the following:

Code	Title	Credits
<b>Requirements</b>		
SOCI 1100	Introduction to Sociology	3
SOCI 3600	Methods of Research Design	3-4
or SOCI 3700	Classical Social Theory	

Select three elective sociology and anthropology courses <sup>1</sup>	9
Total Credits	15-16

<sup>1</sup> May include 3 credits (one course) in anthropology.

## Anthropology Minor

For a 15-credit minor in anthropology, students complete the following:

Code	Title	Credits
ANTH 1100	Introduction to Four-Field Anthropology	3
ANTH 1200	Biological Anthropology	3
or ANTH 1110	Cultural Anthropology	
Select 3 electives in anthropology <sup>1</sup>		9
Total Credits		15

<sup>1</sup> May include 3 credits (one course) in sociology.

## Sports Media

The sports media program encompasses the main tenets of the industries and practices that make up the larger sports media environment, including journalism, broadcasting, communication, and public relations, and combines them with a critical approach to studying sports that is rooted in the liberal arts and the Jesuit mission of the University. As part of their studies, students critically evaluate the social, cultural, and political issues that imbue and surround sport, while learning the professional skills needed for careers in sports media.

A major or minor in sports media is experiential, analytical, and interdisciplinary in nature, and requires students to take courses within the Communication, Digital Journalism, and Film, Television, and Media Arts programs in the College of Arts and Sciences. Accordingly, the major or minor pairs very well with other majors and minors in these departments.

### Programs

- Sports Media Major (p. 222)
- Sports Media Minor (p. 223)

### Faculty

#### Directors

Rugg (Communication)  
Tullis (English)

#### Steering Committee

Brooks (Visual and Performing Arts)  
Horan (Communication)  
Rodrigues (Sociology and Anthropology)

## Sports Media Major

### Requirements

For a 30-credit major in sports media, students complete the following:



Code	Title	Credits
COMM 1108	Sports Broadcasting and Remote Television Production	3
COMM 2237	Sports, Media, and Culture	3
COMM 2250	Sports Media Industry	3
ENGL 1872	Introduction to Sports Writing	3
ENGL 3370	Sports Journalism	3
ENGL 4960	Independent Writing Project	3
or ENGL 4980	Internship	
or COMM 4980	Internship	
or COMM 4990	Independent Study	
Select four elective courses from the list below <sup>1</sup>		12
Total Credits		30

<sup>1</sup> At least one elective course must be at the 2000 level or higher.

## Sports Media Electives

Code	Title	Credits
COMM 1102	Introduction to Public Relations	3
COMM 2220	Introduction to Organizational Communication	3
COMM 2231	Media Institutions	3
COMM 2236	Gender, Sexuality, and Media	3
COMM 3324	Crisis Communication	3
COMM 3325	Organizational Communication and Advertising	3
ENGL 1870	News Writing	3
ENGL 2370	News Writing II: Digital Design	3
ENGL 2382	The Power of Podcasting	3
ENGL 3320	Writing the Feature Story	3
ENGL 3340	Photojournalism	3
ENGL 3360	Literary Journalism	3
ENGL 4951	Journalism Practicum	3
FTMA 1011	Introduction to Film and Video Production	3
FTMA 2131	Intermediate Film Production	3
FTMA 2231	Documentary Film Production	3
FTMA 2232	Studio and Field Television Production	3
FTMA 2234	Directing for Film, TV, Media	3
FTMA 2235	New Media Workshop	3
HIST 2246	Women and Gender in U.S. History	3
HIST 2264	African-American History, 1865 to Present	3
POLI 2111	Media and Politics	3
POLI 2334	Sex, Sexuality, and Gender	3
POLI 2336	Politics of Race, Class, and Gender	3
SOCI 1135	Race, Gender, and Ethnic Relations	3
SOCI 2115	Women: Work and Sport	3

## Sports Media Minor

For a 15-credit minor in sports media, students complete the following:

Code	Title	Credits
COMM 1108	Sports Broadcasting and Remote Television Production	3

COMM 2237	Sports, Media, and Culture	3
or COMM 2250	Sports Media Industry	
ENGL 1872	Introduction to Sports Writing	3
or ENGL 3370	Sports Journalism	
Select two elective courses from the list below <sup>1</sup>		6
Total Credits		15

<sup>1</sup> At least one elective course must be at the 2000 level or higher.

## Sports Media Electives

Code	Title	Credits
COMM 1102	Introduction to Public Relations	3
COMM 2220	Introduction to Organizational Communication	3
COMM 2231	Media Institutions	3
COMM 2236	Gender, Sexuality, and Media	3
COMM 3324	Crisis Communication	3
COMM 3325	Organizational Communication and Advertising	3
ENGL 1870	News Writing	3
ENGL 2370	News Writing II: Digital Design	3
ENGL 2382	The Power of Podcasting	3
ENGL 3320	Writing the Feature Story	3
ENGL 3340	Photojournalism	3
ENGL 3360	Literary Journalism	3
ENGL 4951	Journalism Practicum	3
FTMA 1011	Introduction to Film and Video Production	3
FTMA 2131	Intermediate Film Production	3
FTMA 2231	Documentary Film Production	3
FTMA 2232	Studio and Field Television Production	3
FTMA 2234	Directing for Film, TV, Media	3
FTMA 2235	New Media Workshop	3
HIST 2246	Women and Gender in U.S. History	3
HIST 2264	African-American History, 1865 to Present	3
POLI 2111	Media and Politics	3
POLI 2334	Sex, Sexuality, and Gender	3
POLI 2336	Politics of Race, Class, and Gender	3
SOCI 1135	Race, Gender, and Ethnic Relations	3
SOCI 2115	Women: Work and Sport	3

## Visual and Performing Arts

### The Major

Visual and Performing Arts offers six different programs of study. Students may choose to major in:

- Art History and Visual Culture (30 credits)
- Film, Television, and Media Arts (33 credits)
- Music (30 credits)
- Studio Art (30 credits)
- Theatre (33 credits)

## The Minor

A minor in Visual and Performing Arts can be obtained upon completion of 18 credits in one of the five areas of concentration: Art History and Visual Culture; Film, Television, and Media Arts; Studio Art; Music; or Theatre. The minor in Graphic Design is an interdisciplinary 18-credit minor. For further information about the curriculum and areas of concentration, consult the program directors:

Art History and Visual Culture: M. Rose  
 Film, Television, and Media Arts: L. Nash  
 Graphic Design: L. Porter  
 Music: L. Nash  
 Studio Art: M. Rose  
 Theatre: M. LoMonaco

## Department Mission and Goals

The arts are an integral part of human existence, and study of the arts is a hallmark of a liberal education. Students in the Visual and Performing Arts Department acquire knowledge of the history, context, and theory of the interaction of art, society, and the self. They learn to communicate, produce, collaborate, meet deadlines, think critically, creatively problem solve, manage time, and be responsible to others, all while participating in life's ongoing cultural conversation.

## University Core Course Requirement

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

Students in the Class of 2022 and earlier must complete two semesters of coursework in Visual and Performing Arts to fulfill their core requirements. Our courses are divided between those that cover material from an historical/theoretical point of view, and those that involve the use of applied skills with which students actually make or perform works of art. The core curriculum requires that at least one of the two courses in this department be a history/theory course.

## Additional Fees

All Studio Art courses and some Film, Television, and Media courses require a materials/lab fee. There are also additional charges for private music lessons. Students enrolling in these courses will be billed an additional fee per course on their term bill. See the Tuition and Fees page for details (p. 32).

## Facilities and Resources

- The Fairfield University Art Museum (FUAM) encompasses galleries for the permanent collection and rotating exhibitions in Bellarmine Hall, and the Walsh Gallery for larger special exhibitions in the Quick Center for the Arts. It is an essential academic and cultural resource that brings original works of art to the Fairfield University community, and to the residents of Fairfield County and beyond. The small but choice permanent collection features European and American paintings, drawings, prints and photographs, as well as a group of Asian, African, and Pre-Columbian objects. This is augmented by antiquities and medieval objects on long-term loan from the Metropolitan Museum of Art, the Worcester Art Museum, the Yale University Art Gallery, and the American Numismatic Society, Asian art on loan from the Columbia University Collection, and European paintings and objects borrowed from private collections.

Exhibitions showcase works of art in all media from a broad swathe of time periods and world cultures. The Lukacs and Experimental Art Galleries feature exhibitions by student artists, studio art classes, and contemporary artists.

- The Studio Art Program has five Studio classrooms: a Sculpture studio, Painting Studio, Printmaking Studio with Digital Lab, Darkroom, Mixed Media and Drawing Studio, and a studio used for student capstone and independent projects.
- Our historic plaster cast collection began in 1991 and it is comprised of long-term loans and gifts from a variety of sources, including The Metropolitan Museum of Art, the Acropolis Museum, Yale University Art Gallery, the Slater Museum, as well as generous individual donors. Our collection consists of one hundred casts representing masterpieces from ancient Greece, Rome, and Renaissance Italy, with particular depth for the Parthenon sculptural program. The collection provides students exceptional opportunities to study the history and process of cast making, as well as involvement with new solutions to the original polychromatic appearance of these sculptures. Students in the programs of Art History and Visual Culture, Studio Arts, and Classical Studies often work first hand on the plaster cast collection. The casts are part of the Fairfield University Art Museum and can be seen in Bellarmine Hall, Loyola Hall (by appointment), the DiMenna-Nyselius Library, the Quick Center lobby, and the Jesuit Community Center (by appointment).
- A Digital Audio Workstation lab in Canisius Hall
- A recording studio in Canisius Hall
- Music practice rooms in Gonzaga Hall
- The Aloysius P. Kelley proscenium theatre and the Wien Experimental Black Box theatre in the Regina A. Quick Center for the Arts host frequent student performances presented by the theatre program.
- The Film, Television, and Media Arts program has a new production studio, new computer labs with state-of-the-art digital design and editing technology, and cameras and other production equipment available for student assignments and projects.
- The Lawrence A. Wien Black Box Experimental Theatre at the Quick Center for the Arts is the new home of Theatre Fairfield, the production wing of the Theatre Program.
- The new Canisius 15 Theatre Lab is the central campus home of the Theatre Program where rehearsals, classes, and workshops are held.
- The new Costume Shop and Construction Lab, and Scene Shop are in the Quick Center for the Arts.

## Internships

Visual and Performing Arts majors are eligible for internship programs in New York City and the local art communities. Students may receive credit for gaining valuable practical experience in a variety of activities. Students have interned at Sotheby's, Atlantic Records, Viacom, and many other sites in both New York City and Connecticut. There are also internships at the Fairfield University Art Museum, local galleries, museums, historical societies, television and radio stations, art studios, professional theatres, and production companies.

## Class Trips

Students in Visual and Performing Arts courses have access to the rich offerings of New York City and Connecticut, and class trips to music and theatre performances, film festivals, museums, and behind-the-scenes tours are regular parts of our courses. If the trip is not scheduled

during regular class time, it is not mandatory. However the instructor may require that the student attend a similar event or experience, to be arranged by the student on their own time, at a time when the student's schedule allows.

## Performance Opportunities

In addition to its regular courses, the Music Program sponsors a number of student performing groups including the Fairfield University Orchestra and Jazz Ensemble. Members of these performing groups who are music majors and minors receive one credit for each semester provided they are not taking more than 20 credits of coursework. Music majors and minors may apply up to six of these credits toward a major or minor in music. The Fairfield University Glee Club, Chamber Singers, and Pep Band are non-credit performing organizations sponsored by Student Affairs.

Theatre Fairfield is the academic production wing of the Theatre Program. The annual season includes professionally directed and designed productions; performances that feature the work of advanced directing, acting and design students; and independent projects created by junior and senior majors. Participation in Theatre Fairfield productions is open to all members of the University community. Theatre majors and minors may receive one credit for each semester of performance or technical work on a production, provided they are not taking more than 20 credits of coursework. These credits count toward the major but do not count towards the 38 three-credit courses required for graduation.

## Programs

- Art History and Visual Culture Major (p. 242)
  - Concentration in Visual Arts Administration
- Art History and Visual Culture Minor (p. 243)
- Film, Television, and Media Arts Major (p. 244)
- Film, Television, and Media Arts Minor (p. 244)
- Graphic Design Minor (p. 244)
- Music Major (p. 246)
- Music Minor (p. 247)
- Studio Art Major (p. 247)
- Studio Art Minor (p. 247)
- Theatre Major (p. 247)
- Theatre Minor (p. 249)

## Courses

### Art History

#### AHST 1001 Exploring Art History: Technology and Art 3 Credits

**Attributes:** GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course

This course introduces students to art history as a discipline through the theme of technology by examining a series of paradigm monuments from antiquity and the medieval world within a global context. These monuments will form an entry points into a time and place where students will learn about associated monuments. Ancient and medieval use of sophisticated technologies such as bronze casting to stained glass will be explored. Today's technologies such as digital photography, augmented reality, as well as satellite and LiDAR image acquisition will be examined to understand how analyses and interpretations are formed and changed over time. Previously AH 0101A.

#### AHST 1002 Exploring Art History: Migration and Art: Raids, Trade, Pilgrimage 3 Credits

**Attributes:** GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course

This course introduces students to the discipline of art history through the theme of human movement across physical and political boundaries, and its relationship to visual art. As people in Europe, Africa, and Asia used land and sea routes to wage or flee war, exchange goods, experience the holy, and seek new opportunities, they bring with them materials, artworks, and ideas. Students will examine a series of paradigm monuments, their historical and cultural contexts, and artworks related to them that show evidence of the interconnectedness of people and cultures. Monuments studied may vary, depending on expertise of instructor. Previously AH 0101B.

#### AHST 1003 Exploring Art History: Life, Death, and the Afterlife in Art 3 Credits

**Attributes:** GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course

This course will introduce students to the discipline of art history through the study of monuments of funerary art from across the globe. We will consider how objects from tombs and other funerary contexts construct and negotiate the relationship between life and the afterlife in diverse cultures and time periods. We will study the funerary monuments of rulers as well as objects created for the burial rites of common people, and works of art used by the living to depict and prepare for an afterlife. We will also discuss contemporary debates around these monuments. Previously AH 0101C.

#### AHST 1004 Exploring Art History: Propaganda and Art: From Shamans, Pharaohs, and Kings to Christ 3 Credits

**Attributes:** GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course

This course introduces students to the discipline of art history through the theme of propagandizing visual imagery conceived and executed in the earliest societies of civilization. Overviewing the ancient world, students will examine a series of paradigm monuments using a critical eye to explore their aesthetic, political, and cultural contexts. Focusing on paradigm examples of ancient painting, sculpture, decorative arts, and architecture, students will develop critical visual literacy skills. Each paradigm from antiquity will be contrasted with an image from the modern world to underscore how early human ideas are manifested in the present. Previously AH 0101D.

#### AHST 1005 Exploring Art History: Sex, Sacrilege, Scandals: From Caves to Culture Wars 3 Credits

**Attributes:** GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course

Overviewing the history of art from its prehistoric roots through the present, students will examine a series of paradigm monuments which sparked controversy and scandal in their societal contexts. Focusing on paradigm examples, students will develop critical visual literacy skills. During the semester, students will expand their capacities for critically enhanced looking, analyzing, and translating ideas. Students will learn to deconstruct visual rhetoric and unpack the prevailing conditions for art censorship sparked by sexual, religious, or political controversies. Previously AH 0101E.

**AHST 1006 Exploring Art History: Destruction, Plunder, and Preservation****3 Credits****Attributes:** GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course

This course introduces students to the discipline of art history through the theme of pre-modern art's destruction, looting, and preservation/reconstruction. Through studying a series of paradigm monuments and their cultural and historical contexts, we will explore topics including the appropriations of objects for political and economic purposes, reasons why various cultures have assigned power to particular artwork, and art's destruction predicated the willful erasures of entire cultures by others. We will consider ethical implications and obligations, and current cultural heritage debates over contested objects and monuments from around the world. Previously AH 0101F.

**AHST 1102 Art of East Asia****3 Credits****Attributes:** ANMC Asian Studies Elective, GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course, WDIV World Diversity

This course surveys the art and architectural history of China, Korea, and Japan, emphasizing cultural and artistic contact between these cultures. Periods of focus include the Shang, Han, Tang, Song, and Qing dynasties in China; the Jōmon, Nara, Heian, Kamakura, Edo, and Meiji periods in Japan; and the Three Kingdoms period, Goryeo, and Joseon dynasties in Korea. The course highlights collections of Asian art at Yale University and in New York City, incorporating special exhibitions of East Asian art relevant to the course. Previously AH 0102.

**AHST 1103 Art of Africa, the Caribbean, and the Americas****3 Credits****Attributes:** BSOC Black Studies Component Course, GDAH Graphic Design: Art History, LCEL LACS Minor: Elective, VPCH Visual and Performing Arts Core: History Course, WDIV World Diversity

This course is an introduction to art and architecture of Africa, the Caribbean islands, and Central America, South America, and North America. Major works of art and architecture will be examined to understand the respective cultures and traditions of these regions. Cultures designated by their geographical locations will provide a frame of study for African visual culture. Art of Caribbean islands and the influence of the African diaspora will be explored. The Americas will be represented by Pre-Columbian and Native American visual arts. Students will be introduced to different art historical approaches and vocabulary used to study art from each of these areas. Previously AH 0103.

**AHST 1104 Art of Asia****3 Credits****Attributes:** ANMC Asian Studies Elective, GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course, WDIV World Diversity

This course introduces major monuments of the arts of Asia, including architecture, painting, sculpture, ceramics, and prints. Following a roughly chronological progression spanning over three millennia, the course emphasizes contact between Asian civilizations, including South, Southeast, Central, and East Asia, as well as artistic exchanges between Asia and the West. Foci include: ancient funerary arts, the development of Buddhist art throughout the continent, and secular arts associated with imperial courts and the rise of cities. The course highlights collections of Asian art at the Fairfield University Art Museum, Yale University, and in New York City. Previously AH 0104.

**AHST 1105 History of Architecture****3 Credits****Attributes:** GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course

This introductory course surveys the major periods and key monuments in the history of architecture, largely in the West, from antiquity to the present. Topics include Greek and Roman temples and civic architecture, Medieval mosques and cathedrals, Renaissance and Baroque cities and their monuments, Early Modern factories and gardens, Machine Age museums and houses, and contemporary architectural developments of all sorts. Students will work with actual buildings in writing assignments and learn the skills necessary to critique and interpret the built environment of the past and present in the United States and beyond. Previously AH 0105.

**AHST 1109 Jewish Art: Moses to Modernity****3 Credits****Attributes:** GDAH Graphic Design: Art History, JST Judaic Studies Minor, VPCH Visual and Performing Arts Core: History Course

The earliest known written description of the Jewish people is a visual record on an ancient victory monument. Dated from the 13th century BCE, a carved stele dedicated to Pharaoh Merneptah presents a hieroglyphic relief inauspiciously boasting: 'Israel is laid waste; his seed is no more.' Tracing 4000 years of Jewish art, culture, and ritual, this course is a panoramic overview of visual expression of a people wandering through six continents, innumerable styles and artistic identities. How did the ineffable theophany at Sinai spark the complexity of Judaism's struggle with Greco-Roman pagan idolatry versus attempts at capturing the 'spirit of God with wisdom and discernment and the knowledge of workmanship to design designs' [Exodus 35] transforming spirituality into a living art? Previously AH 0109.

**AHST 1111 Greek Art and Archaeology****3 Credits****Attributes:** GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course

This survey covers the major developments in architecture, sculpture, and painting from the time of Homer to the collapse of the Hellenistic world. The course considers the formation of the Pan-Hellenic sanctuaries of Olympia and Delphi in the geometric and archaic periods and the rise of democracy under the leadership of Pericles in Athens, culminating in the Parthenon of the high classical period and the creation of an empire under Alexander the Great. Students explore the legacy of Greek achievement in the context of its impact on the Roman world and later art. The course emphasizes objects in area museums and includes field trips. Previously AH 0111.

**AHST 1112 Etruscan and Roman Art and Archaeology****3 Credits****Attributes:** GDAH Graphic Design: Art History, ISIF Italian Studies: Italy-Focused, VPCH Visual and Performing Arts Core: History Course

In this course we will examine art of the Roman Republic and empire, beginning with an introduction to Etruscan Italy before Roman conquest. The major themes of the course are: society as reflected in portraiture; religion as communicated in temple and domestic architecture and decoration; the organization and architecture of urban spaces; the architecture and decoration of houses. These themes will also be related to the art of other places and times, including that of the ancient Greeks and our own society. The course emphasizes objects in area museums and includes trips to world-class museums in our region. Previously AH 0112.



### **AHST 1113 Art and Archaeology of Ancient Egypt: Images for Eternity** **3 Credits**

**Attributes:** GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course, WDIV World Diversity  
In this course, students will examine the art of ancient Egypt, from the unification of the pre-historic cultures of the Nile Valley to the Roman conquest. We focus on thematic examinations of various aspects of ancient Egyptian culture, as illustrated through the art, monuments, artifacts, and anthropological evidence that remains in the archaeological record today. Throughout the course, students will analyze and discuss the influence of scholarly biases and issues in cultural heritage management, and museum collecting ethics. By examining the life cycles of these works, from first creation to modern reinterpretation, students will understand that these works not only reflect a society as complex as our own but also serve an important role in contemporary culture. Students will visit the Metropolitan Museum of Art. Previously AH 0113.

### **AHST 1120 Medieval Art of Western Europe** **3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, FREN French Course Taught in English, GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course  
This introduction to medieval art and architecture in Western Europe, from its Roman, Jewish, and Early Christian sources through the Gothic period, explores continuity and change in art and its relationship to society and culture. We will consider the physical and sensory original environments of the artworks, including sound, smell, and touch. Other topics include the relationship of belief and ritual to religious imagery and architecture, the impact of imperial patronage on art, and the influence of Islam on Western medieval art and iconography. The class will use material from the Fairfield University Art Museum's loan collection from the Metropolitan Museum of Art and the Cloisters, and will take a field trip to the Metropolitan Museum of Art. Previously AH 0120.

### **AHST 1121 Celtic and Early Irish Art** **3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, GDAH Graphic Design: Art History, IRSE Irish Studies Elective, VPCH Visual and Performing Arts Core: History Course  
This course traces Celtic art from its sources and history on the European continent (1200 BCE to the first century CE) to its migration to the British Isles and its subsequent transformation as it interacts with native cultures there, particularly the Irish culture. It examines native Irish art from the stone circles and passage graves of 3000-2000 BCE to the introduction of the Celtic style and the golden age of Ireland's conversion to Christianity. Rich new art forms such as illustrated bibles, jeweled chalices and reliquaries, high crosses, and the introduction of monastic and ecclesiastical architecture will be discussed. The course also considers the medieval revivals in the 19th and 20th centuries and includes a first-hand examination of Fairfield University's facsimile of the Book of Kells. Previously AH 0121.

### **AHST 1130 Early Renaissance Art in Italy** **3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, GDAH Graphic Design: Art History, ISIF Italian Studies: Italy-Focused, VPCH Visual and Performing Arts Core: History Course  
In this panoramic overview of Italian art, culture, and society between 1300 and 1520, we explore the city of Florence as the 'cradle of a new world.' From its art workshops and urban planning studios, the monumental Duomo of Brunelleschi rises to symbolize a new era for human creativity. Viewing masterpiece artworks, we discover the exciting shift from medieval formalism to a new aristocratic elegance, opulence, and classical humanism. In this interdisciplinary humanities course, we contrast and compare aspects of Florentine culture as symbolized and visualized in the arts. Artworks depict banking, science, engineering, diplomacy, women's traditional roles of domesticity in the court, and a new appreciation for clothing fashions. Course includes visits to world-renowned area museums allowing students to study first-hand prime examples of Florentine art. No prerequisite beyond a curiosity to learn how Renaissance art of the past enriches our lives in the present. Previously AH 0130.

### **AHST 1131 High Renaissance and Mannerism in Italy** **3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, GDAH Graphic Design: Art History, ISIF Italian Studies: Italy-Focused, VPCH Visual and Performing Arts Core: History Course  
This course examines the achievements of artists during one of the richest art-historical eras. We trace the rise of artistic giants such as Leonardo da Vinci, Michelangelo, and Raphael and the socio-cultural contexts in which they worked. Innovations of Mannerists such as Pontormo, Bronzino, and Correggio will be considered, as well as the reaction to these artists in the wake of religious reform. Previously AH 0131.

### **AHST 1152 Modern Art** **3 Credits**

**Attributes:** GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course  
In this course, students will explore a diverse range of art works and issues, which were central to the practice of Modern Art in Europe and the United States from the mid-nineteenth century to the mid-twentieth century. The course focuses on the artists who challenged the institution of Western art, re-interpreted its norms, and used Modernism as both subject and context. Class revolutions, industrialization, urbanization, imperialism, and capitalism are addressed through a close study of various artists and artworks. The enormous impact of European Modern Art on the rest of the world is considered with the examination of orientalism, primitivism, and 'colonial' modernisms. A variety of sources such as novels, philosophical and political texts, films, newspapers, and music are used to inform our understanding of these -isms and Modern Art. Previously AH 0152.

### **AHST 1164 American Art and Media Culture** **3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASVP American Studies: Visual and Performing Arts, GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course  
In tracing the themes and artistic statements of American artists, the course takes special notice of unifying national myths such as the Founding Fathers, Manifest Destiny, America as the new Eden, the frontier from the Rockies to the lunar surface, heroes from Davy Crockett to Superman, and America as utopia. Through the masterpieces of Church, Cole, Homer, Eakins, Sloan, Hopper, Pollock, Rothko, Wyeth, Warhol, and the Downtown art scene, the course answers the question: What is uniquely American about American art? Previously AH 0164.



**AHST 1165 The Black Experience: African-American Art and Criticism in the 20th and 21st Centuries 3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASVP American Studies: Visual and Performing Arts, BSAH Black Studies: Arts and Humanities, BSFC Black Studies Focus Course, GDAH Graphic Design: Art History, UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course

This course explores black art and culture in the twentieth century. We will focus on the artworks themselves and, when possible, the artist's dialogue. Events in United States history such as the emancipation from slavery and the Civil War Era, the Harlem Renaissance, Jazz Age, Great Depression, Civil Rights Movements, AIDS crisis of the 1980s, and the Los Angeles race riots of the 1990s are used as context to understand black art and culture. While art works created by African-American artists are the primary focus, Cuban and Haitian art and artists are also considered. Throughout the course there is a focus on thinking critically when looking at art as well as how to articulate ideas in writing. Previously AH 0165.

**AHST 1172 History of Photography 3 Credits**

**Attributes:** GDAH Graphic Design: Art History, VPCH Visual and Performing Arts Core: History Course

Students will learn the general historical development of photography from the 1830s to the present day. Concentrating primarily on Europe and the United States, this survey examines some of the themes threaded throughout photography's short history: the interrelationships between photography and other arts, the effect of technology on the medium, identity construction by and through photographs, and the tradition of the popular photograph. Social, cultural, and economic issues are considered as well as important photographers and photographic movements. Throughout the course there is a focus on thinking critically when looking at a photograph as well as how to articulate ideas in writing. Previously AH 0172.

**AHST 1191 Art and Mythologies of Nazi Germany, Fascist Italy, Bolshevik Russia: Comparative Systems & Outcomes 3 Credits**

**Attributes:** GDAH Graphic Design: Art History, GMEL German Major or Minor Course, GMEN German Course Taught in English, ISIC Italian Studies: Italy Component, JST Judaic Studies Minor, RECS Russian, Eastern European, and Central Asian Studies, VPCH Visual and Performing Arts Core: History Course

This interdisciplinary approach to the visual Zeitgeist of these major political/national crises in Europe between 1917 and 1945 surveys the visual rhetoric of Nazi Germany, Fascist Italy, and Bolshevik Russia through the widest possible definition of the visual arts. The course includes the traditional fine arts of painting, sculpture, and architecture as well as the mass cultural outlets of film, radio, propaganda posters, and the staging of public events. The class eliminates the distinctions between high and utilitarian mediums of expression; all means of persuasion are fair game. This course allows students to better understand the complexities of these political/nationalist issues; the 'window' is the lens provided by the visual arts and mass media. In doing so, students recognize how the symbolic languages of mythology were married to political ideologies and shaped public opinion from the national consciousness. Previously AH 0191.

**AHST 1192 History, Theory, and Practice of Museums 3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course

This course focuses on the history and theory of museums, their operations and roles in society and the practical application of museum theory. Students will put the rapidly evolving field of museum studies into a meaningful context while simultaneously gaining a clearer understanding of contemporary industry standards and modes of best professional practice. Previously AH 0192.

**AHST 1193 Inside Museums and Galleries: Taste, Place, Public Space 3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course

This course explores the interactive role of the curator and the museum and gallery visitor in the dynamic cultural spaces of museums, galleries, and public historic spaces, parks, monuments, etc. We explore the responsibilities, ethics, and educational goals for the professional staff of not-for-profit museums in terms of serving the common good of the general public. If museums are 'temples of culture,' then we need to understand the ways these public 'faiths' act while open and engaging for all. In contrast, we highlight the similarities and differences when artworks or collectible objects are placed into a commercialized, for profit-gallery/auction house context. This is an introductory course, welcoming students ready to experience and learn about the rich spectrum of museums, galleries, auction houses, and cultural institutions within the Tri-State area. Field trips include visits with top professionals who share their expertise and experiences. Previously AH 0193.

**AHST 2209 Historic Plaster Cast Collection at Fairfield University 3 Credits**

**Prerequisite:** One 1000-level art history course.

Students will study the history of plaster cast collections in Europe and the U.S. including Fairfield's growing collection. Emphasis will be given to the Fairfield collection by conducting research on the plaster casts. Students will assist with museum and website information. Students will clean and apply light restoration to plaster casts in preparation for their display in different areas on campus. Class visits to the Slater Museum, the Institute for Classical Architecture, and the Metropolitan Museum of Art will be scheduled. Opportunities to visit the Slater Museum, the Institute for Classical Architecture, and the Metropolitan Museum of Art will be scheduled. Consultation with curators and sculptors will provide additional guidance to students. Previously AH 0209.

**AHST 2210 Myth in Classical Art 3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course

**Prerequisite:** One 1000-level art history course.

Greek and Roman art serve as a rich depository of Greek mythology with a wide range of representations that evolved across the centuries. As a source of information, classical art sometimes preserves myths that are otherwise unknown in the surviving literature. In some cases visual representations date earlier than an extant literary description or differ in the story details. This course focuses on ancient sources, visual and literary, to study the Olympian gods; the heroes, Perseus, Herakles, Theseus, and Odysseus; the Trojan War; and battles such as the gods and giants, Lapiths and Centaurs, and Amazons and Greeks. Students will analyze the appearance of select myths on monuments in the classical world, emphasizing examples in the Metropolitan Museum of Art, the Yale University Art Gallery, and the Historic Plaster Cast Collection at Fairfield. Previously AH 0210.

**AHST 2221 Arts of Ireland and the British Isles, 500-1000 3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, IRSE Irish Studies Elective, VPCH Visual and Performing Arts Core: History Course

**Prerequisite:** One 1000-level art history course.

This course explores the art and architecture produced in Ireland, England, and Scotland during the early medieval period, often called the 'Golden Age of Insular Art.' It was an era of rich cultural exchange during which Irish and continental monks were instrumental in the spread of Christianity throughout the British Isles; Irish settled in Scotland; the Anglo-Saxon kingdom was established in England; and Vikings invaded Ireland and Britain. Arts in all media combined pre-Christian Celtic and Germanic traditions with new Christian forms. Irish monasteries throughout the British Isles were centers of production for sumptuous manuscripts such as the Book of Kells and liturgical vessels including the Ardagh Chalice. Monastic architecture and high crosses will also be considered, as well as secular objects such as aristocratic jewelry. Previously AH 0221.

**AHST 2222 Byzantine Art 3 Credits**

**Attributes:** CAOT Catholic Studies: Non-Religious Studies, VPCH Visual and Performing Arts Core: History Course

**Prerequisite:** One 1000-level art history course.

This course focuses on the art of the medieval Byzantine Empire, a period of strong imperial patronage that saw the rise of Christianity and its associated new forms of art and architecture. The course is organized chronologically, from Byzantine art's late antique Pagan Roman, Early Christian, and Jewish sources to its relationship to Islamic art and its later impact on the development of the arts of Western Europe and Russia. The major themes of the course are: the relationship of belief and ritual to religious imagery and architecture; cultural exchange and influence on art forms and iconography; and the impact of imperial patronage on art and architecture. These themes will also be related to the art of other places and times, including our own. We will explore continuity and change in the content and style of Byzantine Art over time, while constantly being aware of the relationship between art and society. Previously AH 0222.

**AHST 2292 Museums, Art, Ethics, and the Law 3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course

**Prerequisite:** One 1000-level art history course.

This course examines the complex legal and ethical issues surrounding the conception, creation, communication, display, reproduction, ownership, transfer, and protection of works of art. The first unit is devoted to defining 'art' and discussing artists' rights. The legal and ethical constraints affecting museums, collectors and the art market generally will be covered in the second unit, while the third unit will grapple with the problematic area of cultural property (with particular emphasis on looting, plunder, identity, trade, reparation, restitution and restitution). In each of these three segments, we shall read and discuss relevant case law, as well as a number of commentaries authored by leading experts in the field. Previously AH 0292.

**AHST 2296 Museum Exhibition Seminar 3 Credits**

**Attributes:** MEVP Magis Core Exploration: VPA, VPCH Visual and Performing Arts Core: History Course

This seminar, organized in conjunction with current or upcoming exhibitions in the Fairfield University Art Museum, offers students the opportunity for object-based learning surrounding the curation, display, and interpretation of works of art for the public. Over the course of the semester, students will engage in research for course projects, which may include developing text for physical and virtual labels, creating podcasts and audio guides, designing public programming, and conducting gallery tours. Students will apply knowledge gained from their own majors, minors, and backgrounds to the museum environment for a richer understanding of and engagement with visual art.

**AHST 2900 Special Topics (Shell) 3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course

**Prerequisite:** One 1000-level art history course.

Students conduct an in-depth study of a specific subject in the history of art. Previously AH 0290.

**AHST 3980 Internship 1-3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course

Internships allow students to gain hands-on experience in fields related to art history through supervised work for galleries, museums, auction houses, and other venues. Internships give students experience in a professional environment, help them to identify possible career paths, and give them skills that they do not acquire in the classroom. Students may apply for on-campus internships at the Fairfield University Art Museum or pursue placement in local or New York City arts institutions. Internships require permission from the Art History program's internship coordinator before registration. Previously AH 0310.

**AHST 3990 Independent Study 1-3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course

This in-depth exploration of a specific topic in art history involves students in independent research and field study. Open to students with approval of a faculty member and the director of the Art History program. Previously AH 0300.

**AHST 3999 Senior Capstone Seminar 3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course

**AHST 4999 Senior Capstone Seminar 3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course

Required of all art history majors in the spring semester of the senior year, this seminar offers rotating topics that reflect the areas of expertise and research among Fairfield's art history faculty members and culminates in an in-depth research project. Previously AH 0330.

## Film, Television, and Media Arts

**FTMA 1010 Introduction to Film Studies 3 Credits**

**Attributes:** ENPC Digital Journalism Production Component, GDFIT Graphic Design: Film and Television, VPCH Visual and Performing Arts Core: History Course

This course explores the fundamentals of film form (including narrative modes, visual design, performance styles, editing, and sound design), and the relationship between a film's style and its overall meaning. By learning how to 'read' film as a text and utilize sophisticated cinematic language, you will begin to critically understand film as both an art form and a product of culture. Each week's meetings will include lecture, discussion, and a separate, dedicated screening of a feature film. Previously FTM 0010.

**FTMA 1011 Introduction to Film and Video Production 3 Credits**

**Attributes:** ENPC Digital Journalism Production Component, VPC2 Visual and Performing Arts Core: Applied Course

**Fee:** \$75 Materials Fee

This course introduces and familiarizes students with the theoretical background and technical skills needed to produce film, video and new media content. Structured around classroom discussions, screenings, and hands-on equipment workshops, this course encourages students to experiment with the moving image and find their unique creative voice, all within a supportive environment. Students will learn the proper use of a professional camera and sound and lighting equipment in order to complete a series of audio and video exercises, culminating in the production of group short films. Previously FTM 0011.

**FTMA 1101 American Cinema History 3 Credits**

**Attributes:** ASGW American Studies: Gateway, GDFT Graphic Design: Film and Television, VPCH Visual and Performing Arts Core: History Course American cinema has evolved from its origins as a technological novelty at the end of the 19th century to become a key component of a multibillion-dollar industry that profoundly influences popular culture in the United States and around the world. This course examines important American films of the past 100 years and the technological, economic, and cultural developments that have influenced their creation, along with the theoretical concepts necessary for their analysis. Previously FTM 0101.

**FTMA 1102 American Television History 3 Credits**

**Attributes:** ASGW American Studies: Gateway, GDFT Graphic Design: Film and Television, VPCH Visual and Performing Arts Core: History Course An introduction to the study of television in the United States, this course reviews the historical roots of television content and technology and its relationship to radio and film, and its evolution new media platforms. Students examine the evolution of the many program types found in broadcast and cable television, explore their narrative conventions, and define criteria for analyzing story, structure, formats, performance, and production values. Previously FTM 0102.

**FTMA 1103 Global Cinema 3 Credits**

**Attributes:** ENDE Digital Journalism Elective, GDFT Graphic Design: Film and Television, VPCH Visual and Performing Arts Core: History Course In this course, students engage with different expressions of 'global cinema': films intended for international audiences. This course pays attention to key films, filmmakers, and moments in film history, across Europe, Asia, Latin America, the Middle East, and Africa. With a particular focus on international art cinema, this course gives students the historical context and critical tools to appreciate and analyze diverse cinematic styles. Dedicated weekly screenings create the theatrical experience for which these films were intended. Previously FTM 0103.

**FTMA 1104 Documentary Cinema 3 Credits**

**Attributes:** GDFT Graphic Design: Film and Television, VPCH Visual and Performing Arts Core: History Course

This course surveys the historical, political, social and cultural significance of non-fiction (documentary) storytelling traditions in the U.S. and abroad. Students will study canonical and independently produced documentaries directed by domestic and international filmmakers to deepen their overall understanding of the technological and aesthetic contributions that national cinemas have contributed to nonfiction filmmaking. Major themes to be discussed are tradition vs. modernization, colonialism, religion, cross cultural relationships, class, gender, ethnicity, nationalism, the human condition, hegemony, and displacement. Students will gain factual knowledge and learn to analyze and critically evaluate points of view that may not be their own. Previously FTM 0104.

**FTMA 1120 Beginning Screenwriting for Film and Television 3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course

This introductory course introduces students to screenwriting by developing their understanding of the structure of short and long form narrative film. The main goal of the course is to develop creative capacities in storytelling and written expression while introducing students to fundamental principles of conventional fiction and television screenwriting. This course utilizes lecture, discussion, screenings, readings, and reflective essay writing to grapple with issues of structure, characterization, conflict, and aesthetics. Students will participate in regular writing workshops and produce a complete draft of a short film screenplay by the end of the course. Previously FTM 0120.

**FTMA 1130 Film Editing and Media Construction 3 Credits**

**Fee:** \$75 Materials Fee

This course explores how filmmakers create meaning through the assembly of images and sound, ranging from the classical-Hollywood narrative film, to more experimental modes of time-based storytelling. Students will examine the theoretical conventions of motion picture editing through screenings, discussions and hand-on projects, including the filming their own short films with professional camera and sound equipment and editing in Adobe Premiere Pro. Previously FTM 0130.

**FTMA 1950 Production Practicum 1 Credit**

In this course, restricted to Film, Television, and Media Arts majors and minors, students will receive credit for their participation on approved student film and media productions, both on-set and in-post, beyond their own classroom assignments. This class will provide students with an opportunity to reflect on their production experiences, through written assignments. Enrollment by permission only. May be taken up to three times. Previously FTM 0090.

**FTMA 2131 Intermediate Film Production 3 Credits**

**Prerequisites:** FTMA 1010, FTMA 1011.

This course introduces FTM majors to the major elements and principles of film, television, and media production, and its three stages of pre-production, production, and post-production. Each student authors and collaboratively produces short narrative, documentary, and experimental pieces on a common theme. Previously FTM 0131.

**FTMA 2201 Filmmaker Studies 3 Credits**

Each semester that it is offered, this course takes up the study of one or more individual filmmakers (primarily directors) and surveys that person's (or pair's or group's) body of work, examining major themes, techniques, motifs, topics, collaborations. In so doing, it seeks to measure and evaluate their contribution to the history and craft of film. Filmmakers have included Alfred Hitchcock, Clint Eastwood, Quentin Tarantino, Women Directors, and Ang Lee. May be taken twice. Previously FTM 0201.

**FTMA 2204 African American Cinema****3 Credits**

**Attributes:** ASUP American Studies Upper Level, BSAH Black Studies: Arts and Humanities, BSFC Black Studies Focus Course, GDFT Graphic Design: Film and Television, UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course

**Prerequisite:** FTMA 1010.

This course explores the historical, social and cultural significance of African American cinema from the silent era until present-day. Students will grapple with issues concerning the politics of representation of people of African descent in the American film industry and deepen their overall understanding of ways that African American filmmakers have achieved artistry and expression in spite of obstacles posed by race, class, and gender. Through regular screenings, readings, and presentations students will deepen their overall understanding of the impact of historical events and key filmic technological advancements on the establishment of the separate and unequal African American film industry. Previously FTM 0204.

**FTMA 2206 American Film: Decades****3 Credits**

**Attributes:** ASGW American Studies: Gateway, GDFT Graphic Design: Film and Television, VPCH Visual and Performing Arts Core: History Course, WDIV World Diversity

**Prerequisite:** FTMA 1010.

This course examines the use of film form (e.g., cinematography, editing, sound design) in American movies made during a given 10-year period, as well as the social, cultural, historical and ideological contexts of the era in which they were made. Each iteration of the course is organized around particular themes relevant to the decade under discussion, e.g. '1970s - Rebels with Causes.' Previously FTM 0206.

**FTMA 2207 Film Genres****3 Credits**

**Attributes:** GDFT Graphic Design: Film and Television, VPCH Visual and Performing Arts Core: History Course

**Prerequisite:** FTMA 1010.

Genres are categories of film characterized by recognizable conventions that include settings, stock characters, narrative patterns, stylistic devices, historical contexts, and themes. Genres interact with filmmakers' and audiences' shared expectations and evolve over time. Each iteration of this course examines a specific genre (e.g. the Western, Horror, Science Fiction, etc.) and evaluates it in terms of film form and its own evolving set of conventions. Previously FTM 0207.

**FTMA 2208 Television Genres****3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course

**Prerequisite:** FTMA 1010.

Basic to understanding television as an art form is the concept of genre. This course introduces students to the defining characteristics and the critical analysis of television genre. On a rotating basis, the course focuses on drama, serial, situation comedy, news and documentary, and reality television, examining distinct conception, writing, production, directing, editing and other conventions of each. Social and historical elements of the genre are also addressed. Previously FTM 0208.

**FTMA 2209 Gender, Sexuality, and Cinema****3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course, WSGF Women, Gender, and Sexuality Studies: Gender Focused

**Prerequisite:** FTMA 1010.

This course examines how American movies have portrayed gender and queer sexuality (lesbian, gay, bisexual, transgender/transsexual, and questioning) to create a range of stereotypical and multi-dimensional characters. From 'coded' sexual references in classical films, to timid New Hollywood-era films, to today's thriving independent cinema, this representational genealogy includes condescending myth and bold truth-telling, works that both mirror and shape their cultural moment. Previously FTM 0209.

**FTMA 2220 Intermediate Screenwriting****3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course

**Prerequisite:** FTMA 1120.

Writing a feature film script can be one of the most difficult and daunting tasks for a writer/filmmaker, yet it remains the dominant format in filmmaking practice. This class builds upon the foundation of FTMA 1120, expanding upon the narrative techniques at play in short films and applying them to the roughly 90 page format. The majority of this class is structured like a writers room/group, where students write, write, write, and foster a collaborative environment where they share, critique and develop script ideas. Previously FTM 0220.

**FTMA 2230 Lighting and Cinematography****3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course

**Prerequisites:** FTMA 1010, FTMA 1011, FTMA 2131.

This advanced motion picture production course focuses on the production of narrative fiction films. Students study and practice advanced techniques of film production: including preproduction, production and postproduction responsibilities of the producer relating to management, financing, contracts, distribution and other business elements of filmmaking. Students in the class collaborate to produce significantly more complex narrative films with more advanced camera, lighting, audio, and editing equipment. Previously FTM 0230.

**FTMA 2231 Documentary Film Production****3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course

**Fee:** \$75 Materials Fee

**Prerequisite:** FTMA 1011 or FTMA 1130.

This course is designed to develop skills and critical perspectives needed to produce character-driven documentary work. Through lectures, discussions, screenings, readings, and hands-on demonstrations, students will learn about documentary workflow, as well the medium's potential to promote social activism and awareness. Students will write, produce, direct, and edit short documentaries and, by periodically presenting their own work, students will engage one another in discussions and develop skills in constructive critique. Previously FTM 0231.

**FTMA 2232 Studio and Field Television Production****3 Credits**

**Attributes:** ENPC Digital Journalism Production Component, VPC2 Visual and Performing Arts Core: Applied Course

**Prerequisite:** FTMA 1011 or FTMA 1130.

This course offers a theoretical and hands-on introduction to the art and technology of television production within both a studio and field-based context. Students receive instruction on the creative and aesthetic use of the elements and technology of television production - cameras, audio, lighting, editing, set design, and program development - and participate in a series of projects completed individually and as part of a team. Previously FTM 0232.



**FTMA 2234 Directing for Film, TV, Media 3 Credits****Attributes:** VPC2 Visual and Performing Arts Core: Applied Course**Prerequisite:** FTMA 1011 or FTMA 1130.

This course explores what a film director does, how they manipulate and manage the divergent elements of cinema into a coherent whole, and often, into a unique and personal vision. The specific tasks of a director related to their role with crew and actors, and in the development of a film from start to finish, are studied from practical and theoretical perspectives. Previously FTM 0234.

**FTMA 2235 New Media Workshop 3 Credits****Attributes:** VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

The digital revolution has arrived for the production of moving images, from the omnipresence of photo-realistic visual effects and animation in movies, to the rise of virtual and augmented reality tech as storytelling venues. Students will examine the historical context and cultural impact of the VFX, VR and AR revolution, on their way to developing and making cutting-edge short form media projects, using Adobe After Effects, Unity, VR cameras, VR/AR headsets, and beyond. Previously FTM 0235.

**FTMA 2236 Digital Audio Workstation 3 Credits****Attributes:** VPC2 Visual and Performing Arts Core: Applied Course**Prerequisite:** FTMA 1011 or FTMA 1130 or MUSC 1150 or MUSC 1156.

This course will provide the student with an in-depth knowledge of the practical application of the Digital Audio Workstation (DAW). This course is primarily designed for students interested in audio editing as it applies to producing recordings, creating sound effects, and soundtrack design for film/TV/radio. Creating samples, recording techniques, waveform manipulation, mixing, and the role of the Digital Audio Workstation in the overall process of sound design will be explored. Students will be proficient at using Logic Pro audio software to manipulate MIDI and audio. Students will learn how to record live sound effects from the environment and manipulate the recordings to create Foley sound effects, and apply them to a film segment. Students will learn to mix and master a segment of multi-track audio. Crosslisted with MUSC 2236. Previously FTM 0236.

**FTMA 2237 Acting for the Camera 3 Credits****Attributes:** VPC2 Visual and Performing Arts Core: Applied Course**Prerequisite:** THTR 1030.

This course is an experiential introduction to the specialized techniques used in successful on-camera acting. On-camera exercises will emphasize the importance of listening, truthful moment-to-moment response, and effective communication skills. Students will practice their skills and apply their training to commercials, current television scripts, and screenplays. Initial classes examine the difference between acting for the stage and acting for the camera. Students will practice a variety of on-camera styles including comedy, crime drama, and commercials. The course builds towards longer scene work from a screenplay. Topics include script analysis, nuance and depth of performance, and relaxation, and confidence on-camera. Crosslisted with THTR 2237. Previously FTM 0237.

**FTMA 2245 Survey of Film Music: Hearing the Movies 3 Credits****Attributes:** VPCH Visual and Performing Arts Core: History Course**Prerequisite:** FTMA 1010 or MUSC 1103 or MUSC 1104.

This course provides an overview of film music from 1900 to today. Students investigate the defining characteristics of the major historical periods of film music, explore the social and historical events that shaped the industry, learn to actively listen to a score, and discuss salient features of a given score. The object in this course is to develop skills in analyzing the sound track, music's role in the sound track, and the relation of sound track and image track on small-scale and large-scale (narrative) levels. The course develops critical listening and viewing skills as well as a film-music historical survey. Crosslisted with MUSC 2245. Previously FTM 0205.

**FTMA 2271 Italian Cinema 3 Credits****Attributes:** ISIF Italian Studies: Italy-Focused, ISIT Italian Studies: Italian, VPCH Visual and Performing Arts Core: History Course

This survey of Italian films as textual, cultural, and historical artifacts analyzes movements such as neorealism, *commedia all'italiana*, the spaghetti western, and new Italian cinema through the works of selected directors. The course follows a chronology from the silent period to present day, with special emphasis on the 'golden ages' of Italian cinema, neo-realism of the postwar period, the 1960s' comedy of manners, and the new Italian cinema of the 1980s and 1990s. Students analyze the works of Rossellini, De Sica, Fellini, Visconti, Germi, Antonioni, Wertmüller, Leone, Pasolini, Moretti, Benigni, and others. Crosslisted with ITLN 3271. Previously FTM 0201B.

**FTMA 2900 Special Topics (Shell) 3 Credits****Attributes:** VPCH Visual and Performing Arts Core: History Course

These courses, offered periodically, focus in depth on a specific theme or issue, and may draw upon films from one or more countries, from among numerous directors, and from various periods in film history from the dawn of cinema to the present. Special applied courses may also be offered in this category. May be taken twice with different topics. Previously FTM 0210.

**FTMA 3980 Internship 1-3 Credits**

In consultation with a faculty member, upper-level major and minor students arrange a semester-long internship with one of many film production companies located within Connecticut and the New York metropolitan area. The course combines on-site supervision and meetings with faculty advisors with weekly journal submissions and an assigned paper at the end of the internship. Enrollment by permission only. May be taken for FTM major credit up to three credits. Previously FTM 0306.

**FTMA 3990 Independent Study 1-3 Credits**

Open to students majoring or minoring in Film, Television, and Media Arts, this course allows a student to pursue a topic in film, television, or media arts in-depth and in close consultation with a faculty member of the Film, Television, and Media Arts program. Enrollment by permission only. May be taken for FTM major credit up to three credits. Previously FTM 0305.

**FTMA 4998 Capstone Seminar I 3 Credits****Prerequisite:** Junior standing.

This course provides an opportunity for Film, Television, and Media Arts majors in their junior year to envision and begin on the production of a creative work that pulls together the theoretical concepts and technical skills they have acquired during their years in the program. This course is required for all Film, Television, and Media Arts majors, who must take it in the spring semester of their junior year. The capstone project is completed with FTMA 4999 in the fall semester of the student's senior year. Open to FTM majors only. Previously FTM 0310.



**FTMA 4999 Capstone Seminar II****3 Credits****Prerequisite:** FTMA 4998.

This course provides an opportunity for Film, Television, and Media Arts majors in their senior year to produce a creative work that pulls together the theoretical concepts and technical skills they have acquired during their years in the Program. This course is required for all Film, Television, and Media Arts majors, who must take it in the fall semester of their senior year. Previously FTM 0311.

## Graphic Design

**GDSN 3201 Graphic Design I: Making Meaning****3 Credits****Prerequisite:** Completion of four preparatory classes in the Graphic Design minor.

In today's world, we are literally surrounded by graphic design, from billboards to soda cans, from Facebook pages to political ads. The graphic designer develops engaging material that communicates a pointed message and persuades an audience. This class focuses on the basic ingredients of graphic design: typography, image, and color. We further explore the combination of these elements into compositions, utilizing proximity, alignment, contrast and repetition. We engage in the complexity of the creative process, developing a strong designer's process, working both by hand and on the computer. Being critical of design is an essential element of designing. Therefore, we will analyze designs for their efficacy, as we lay the foundation for further study in graphic design. In addition to personal sketchbooks, we will use Adobe Photoshop, Illustrator, InDesign, and AfterEffects software. Previously GD 0201.

**GDSN 3202 Graphic Design II: Clients and Collaboration****3 Credits****Prerequisite:** GDSN 3201.

This course will address the relationship between the graphic designer and the client. What can a designer do when the client specifies a 'cleaner' logo? How can a designer respond when a client says, 'I don't know what I want, but it's not that'? Students will practice essential research and analysis skills, as well as the questions that designers can ask clients, to help both parties understand the goals of any given design. They will also examine the variety of delivery systems for graphic design, from printed to electronic media, and how they affect both layout and file formats. Students will continue to develop expressive skills using text, image and layout. They will also continue to engage in the complexity of the creative process, developing a strong designer's process, working both by hand and on the computer. We will also continue to develop our design sense by critically analyzing designs. Previously GD 0202.

## Music

**MUSC 1101 The History of Jazz****3 Credits****Attributes:** ASGW American Studies: Gateway, ASVP American Studies: Visual and Performing Arts, BSAH Black Studies: Arts and Humanities, BSFC Black Studies Focus Course, EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course

This course traces the development of American jazz from its origins in African-American musical traditions. Students examine the roots of jazz in ragtime, blues, work songs, and march music and study the development of different jazz styles such as Dixieland in the '20s, swing in the '30s, bop in the '40s, and continuing to the present. The course emphasizes the connection between historical periods and the music of jazz: America's original art music. Previously MU 0101.

**MUSC 1102 History and Development of Rock****3 Credits****Attributes:** ASGW American Studies: Gateway, ASVP American Studies: Visual and Performing Arts, UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course

This course surveys the musical and social trends that resulted in the emergence of rock and roll as an important musical and cultural force in America. The course traces the roots of rock, blues, and country styles, showing how they merged with popular music. Students examine periods from the 1950s to the present, along with Elvis Presley, Chuck Berry, Little Richard, the Beatles, the British invasion, folk music, Bob Dylan, jazz and art rock, Jimi Hendrix, the west coast movement, and the music industry. Students learn to understand, discuss, and differentiate between stylistic periods and their historical relevance to American culture. Previously MU 0102.

**MUSC 1103 History of Music: 400-1700****3 Credits****Attributes:** VPCH Visual and Performing Arts Core: History Course

From the humble beginnings of prayer set to chant, through the golden age of polyphony, to the masters of the baroque, this course surveys the origin of western art music. Students learn the basic elements of music and chart the evolution of these elements through the centuries. Students also learn about the cultural and intellectual environment that gave birth to different music genres and styles. Previously MU 0103.

**MUSC 1104 History of Music: 1700-1964****3 Credits****Attributes:** MUEM European Music, VPCH Visual and Performing Arts Core: History Course

This course explores the ways in which composers manipulated musical language to meet the growing demands of the middle class. After learning the basic elements of music, students explore the world of the Enlightenment and Haydn, Mozart, and Beethoven. In the romantic period, the course explores the interaction of all the arts and the influence of politics and economics on compositional style. With the dawn of the 20th century, the course explores what 'modern' means, learns about attempts to expand and replace musical language, and studies the impact of American culture on music. Previously MU 0104.

**MUSC 1112 Music of Black Americans****3 Credits****Attributes:** ASGW American Studies: Gateway, ASVP American Studies: Visual and Performing Arts, BSAH Black Studies: Arts and Humanities, BSFC Black Studies Focus Course, EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course

This musical and historical survey of African-American music and its important contributions to American culture examines African heritage, slave songs, and the colonial era, followed by the role of African-Americans in the music and culture of the Revolutionary and Civil War periods. Students examine the evolution of spirituals, minstrel songs, and ragtime as they relate to dance forms; the role of African-Americans as performers and composers in classical music and music of the theatre; and the blues as it evolves into jazz, soul, reggae, funk, disco, and rap. This course takes a look at racism and issues of gender in America, and how musicians of diverse backgrounds have collaborated and contributed to the evolution of American music despite prejudice and adversity. Previously MU 0112.

**MUSC 1120 History of American Song 3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASVP American Studies: Visual and Performing Arts, UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course

This course examines the history of our most popular form of American music: the song. It explores the origins of song, the impact of immigrants, war, women, and political agendas on the development of this genre, as well as popular American songwriters, singers, and styles. Through critical analysis, we will see the patterns that shaped the music of today. Previously MU 0120.

**MUSC 1122 World Music History and Ensemble 3 Credits**

**Attributes:** BSAH Black Studies: Arts and Humanities, BSCC Black Studies Component Course, EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, LCEL LACS Minor: Elective, VPCH Visual and Performing Arts Core: History Course, WDIV World Diversity

The course includes a survey and hands-on instrumental experimentation with world music including African, Brazilian, African-American, Native American, Latin American, Indian, and South Asian styles. Students attend a formal lecture and a practice or performance session each week. During the latter session, students learn to play (primarily African) percussion instruments, coming to view them as the first building blocks of much larger units of ethnic, folk, traditional, or popular ensembles. The course raises student awareness of corresponding songs and traditions; links history, tradition, music, and culture; and introduces students to the contribution of a wide range of cultures to the music world and to the widespread belief that music is a universal language. Students perform as a class or an ensemble on set show-and-tell occasions that may be open to invited guests and/or the University community. No previous musical experience is required. Previously MU 0122.

**MUSC 1124 Bach and Beethoven 3 Credits**

**Attributes:** GMEL German Major or Minor Course, GMEN German Course Taught in English, VPCH Visual and Performing Arts Core: History Course

This course examines the lives and music of two masters. The first half of the course explores the great secular and religious music of Johann Sebastian Bach, the last great exponent of baroque style. The second half of the course investigates the life and works of Ludwig van Beethoven, the composer who, more than any other, represents the struggle for artistic truth. Previously MU 0124.

**MUSC 1126 History of Choral Music 3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course

From Palestrina's masses to Verdi's Requiem, this course explores the history of music through choral music. The composers themselves often considered these masterpieces to be the culmination of their compositional development and work. A basic ability to read music is helpful. Previously MU 0126.

**MUSC 1132 Critical Issues in American Popular Music: Blues to Hip Hop 3 Credits**

**Attributes:** ASVP American Studies: Visual and Performing Arts, BSAH Black Studies: Arts and Humanities, BSCC Black Studies Component Course, UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course

This course provides an in-depth look at the important musical, social, and racial issues in American popular music, from the media exploitation of the blues in the 1920s through current issues in hip hop. Subject areas will include blues and its origins, jazz and modernism, the obstacles of race in music, the death of rhythm and blues, rock's evolution in the 1950s, rap and hip hop culture, and issues in both postmodernism and perverse as seen by many music and art critics. Previously MU 0132.

**MUSC 1150 Music Theory and Composition I 3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course

This course introduces students to the basic concepts of music theory and beginning compositional skills. Starting with the notation of pitch and rhythm, the course investigates the major/minor key system, intervals, chord construction, melody writing, and rudimentary harmonization. No background in music is expected. Previously MU 0150.

**MUSC 1155 Popular Music Theory and Composition 3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course

This course gives students a working knowledge of jazz and pop harmony. Students will attain keyboard proficiency through an emphasis on ear-training, voicings, tritone substitutions, and improvisation theory; this proficiency can be used on other instruments. Students learn all upper-structure chords in all keys as well as ways to improvise on various chord structures. Students should be able to play through lead sheet material with reasonable proficiency using jazz voicings and voice-leading techniques. Basic knowledge of the keyboard is recommended, but the course is open to all instrumentalists and vocalists. Previously MU 0155.

**MUSC 1156 Introduction to Music Technology: History and Practice 3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course

This course provides students with an introduction to the use of musical instrument digital interface and its various formats. Participants study principles of MIDI, the use of computers in music, and music software as it applies to composition, arranging, sequencing, and music notation, examining how these formats enhance the performance of music and music production. Students learn the technology used in pop music, soundtracks, and commercial music. This course requires a basic knowledge of music and is open to students with some musical background. Previously MU 0156.

**MUSC 1157 Introduction to the Music Industry 3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course

This course introduces students to the various aspects of the music industry. Students discuss the history and process behind the creation, manufacture, and distribution of prerecorded music. The course covers the earliest record companies, changes in the technology, and the growing awareness and sophistication of the consumer and the artists, as well as the function of managers, attorneys, musicians, and agents in the music industry. Previously MU 0157.

**MUSC 1911 Private Lessons: Bass 2 Credits**

**Fee:** \$595 Music Lesson Fee

**MUSC 1912 Private Lessons: Bassoon 2 Credits**

**Fee:** \$595 Music Lesson Fee

**MUSC 1913 Private Lessons: Cello 2 Credits**

**Fee:** \$595 Music Lesson Fee

**MUSC 1914 Private Lessons: Clarinet 2 Credits**

**Fee:** \$595 Music Lesson Fee

**MUSC 1915 Private Lessons: Flute 2 Credits**

**Fee:** \$595 Music Lesson Fee

**MUSC 1916 Private Lessons: Guitar 2 Credits**

**Fee:** \$595 Music Lesson Fee

**MUSC 1917 Private Lessons: Harp 2 Credits**

**Fee:** \$595 Music Lesson Fee

**MUSC 1918 Private Lessons: Oboe 2 Credits**

**Fee:** \$595 Music Lesson Fee

<b>MUSC 1919 Private Lessons: Percussion</b> <b>Fee:</b> \$595 Music Lesson Fee	<b>2 Credits</b>	<b>MUSC 2215 American Musical Theatre: History and Practice</b> <b>3 Credits</b> <b>Attributes:</b> UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course <b>Prerequisite:</b> One music or theatre course.
<b>MUSC 1920 Private Lessons: Piano</b> <b>Fee:</b> \$595 Music Lesson Fee	<b>2 Credits</b>	Musical theatre is a complex genre that has developed in tandem with the developing American nation. It is a serious art form that, in its finest iterations, represents total works of art unique in and of themselves.
<b>MUSC 1921 Private Lessons: Beginning Piano</b> <b>Fee:</b> \$595 Music Lesson Fee	<b>2 Credits</b>	This course expands students' knowledge of the range and diversity of the genre as codified in the middle 20th century by Rodgers and Hammerstein and their imitators. Embedded in great musical theatre pieces is the essence of what it means to be an American living in the United States at a particular time in history. Crosslisted with THTR 2215. Previously MU 0215.
<b>MUSC 1922 Private Lessons: Jazz/Pop Piano</b> <b>Fee:</b> \$595 Music Lesson Fee	<b>2 Credits</b>	
<b>MUSC 1923 Private Lessons: Saxophone</b> <b>Fee:</b> \$595 Music Lesson Fee	<b>2 Credits</b>	
<b>MUSC 1924 Private Lessons: Trombone</b> <b>Fee:</b> \$595 Music Lesson Fee	<b>2 Credits</b>	
<b>MUSC 1925 Private Lessons: Trumpet</b> <b>Fee:</b> \$595 Music Lesson Fee	<b>2 Credits</b>	<b>MUSC 2236 Digital Audio Workstation</b> <b>3 Credits</b> <b>Prerequisite:</b> FTMA 1011 or FTMA 1130 or MUSC 1150 or MUSC 1156.
<b>MUSC 1926 Private Lessons: Violin</b> <b>Fee:</b> \$595 Music Lesson Fee	<b>2 Credits</b>	This course will provide the student with an in-depth knowledge of the practical application of the Digital Audio Workstation (DAW). This course is primarily designed for students interested in audio editing as it applies to producing recordings, creating sound effects, and soundtrack design for film/TV/radio. Creating samples, recording techniques, waveform manipulation, mixing, and the role of the Digital Audio Workstation in the overall process of sound design will be explored. Students will be proficient at using Logic Pro audio software to manipulate MIDI and audio. Students will learn how to record live sound effects from the environment and manipulate the recordings to create Foley sound effects, and apply them to a film segment. Students will learn to mix and master a segment of multi-track audio. Crosslisted with FTMA 2236. Previously MU 0202.
<b>MUSC 1927 Private Lessons: Viola</b> <b>Fee:</b> \$595 Music Lesson Fee	<b>2 Credits</b>	
<b>MUSC 1928 Private Lessons: Voice</b> <b>Fee:</b> \$595 Music Lesson Fee	<b>2 Credits</b>	
<b>MUSC 1951 Instrumental Ensembles</b> <b>Prerequisite:</b> Orchestra or symphonic band performance experience. This ensemble helps instrumental musicians develop their skills further through public concert performances. Students learn ensemble performance ethics and stylistic interpretation, as well as performing pieces from a wide variety of genres and time periods. This course may be taken repeatedly. Previously MU 0255.	<b>1 Credit</b>	
<b>MUSC 1953 Jazz Ensemble</b> <b>Prerequisites:</b> Instrumental or vocal performance experience; selection through audition. Jazz Ensemble is open to musicians who wish to develop their skills in jazz performance. Students rehearse and receive instruction in performing and improvising in different styles of jazz, from swing to fusion. This course may be taken repeatedly. Previously MU 0256.	<b>1 Credit</b>	<b>MUSC 2242 Music of the Classical Era</b> <b>3 Credits</b> <b>Attributes:</b> VPCH Visual and Performing Arts Core: History Course During the classical era (about 1750 to 1830), music shifted from an aristocratic concern to the favorite popular art of the middle class. The course examines the lives and music of the three most important composers of this period: Haydn, Mozart, and Beethoven. Previously MU 0242.
<b>MUSC 2201 Hip-Hop and Its Antecedents</b> <b>Attributes:</b> BSFC Black Studies Focus Course, MUAM American Music, MUHI Music History, UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course This class explores the musical, cultural, political, and aesthetic foundations of hip-hop. We will trace the corporeal, visual, spoken word, literary, and musical antecedents to and manifestations of hip-hop in American cultural. Students will investigate specific black cultural practices that have given rise to its various idioms. Students create material culture related to each thematic section of the course. Scheduled work in performance studio helps students understand how hip-hop is created and assessed. We will analyze the effects of corporate America and examine the images and ideas presented by an industry driven by profit. Are we really in a post-racial society? How does hop-hop help us understand race, class, gender, power, and oppression? Artists studied will not be those with the highest number of albums sold, but those with significant musical or lyrical content and impact on hip-hop as a whole. Previously MU 0201.	<b>3 Credits</b>	<b>MUSC 2243 19th Century Romanticism in Music</b> <b>3 Credits</b> <b>Attributes:</b> ISIF Italian Studies: Italy-Focused, ITEN Italian Course Taught in English, VPCH Visual and Performing Arts Core: History Course This comprehensive survey of 19th-century romanticism in music considers the music of Beethoven, Chopin, Verdi, and Wagner, among others. The music of the romantic era contains some of the richest masterpieces in music history. The course considers the relationship between music and the other arts. Previously MU 0243.
		<b>MUSC 2244 Music of the 20th Century</b> <b>3 Credits</b> <b>Attributes:</b> VPCH Visual and Performing Arts Core: History Course This introduction to the mainstreams of music of our time begins with Debussy, Ravel, and the French moderns. After investigating the music of Stravinsky, Bartók, and other European composers, the course concludes with such modern trends as electronic music, film music, jazz, and popular music. Previously MU 0244.

**MUSC 2245 Survey of Film Music: Hearing the Movies** 3 Credits**Attributes:** VPCH Visual and Performing Arts Core: History Course**Prerequisite:** FTMA 1010 or MUSC 1103 or MUSC 1104.

This course provides an overview of film music from 1900 to today. Students investigate the defining characteristics of the major historical periods of film music, explore the social and historical events that shaped the industry, learn to actively listen to a score, and discuss salient features of a given score. The object in this course is to develop skills in analyzing the sound track, music's role in the sound track, and the relation of sound track and image track on small-scale and large-scale (narrative) levels. The course develops critical listening and viewing skills as well as a film-music historical survey. Crosslisted with FTMA 2245. Previously MU 0245.

**MUSC 2250 Music Theory and Composition II** 3 Credits**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course**Prerequisite:** MUSC 1150.

In this course, students build a theoretical and compositional foundation by studying 7th chords, part-writing, harmonic progressions, and chromatic harmony. In addition, students compose original melodies and learn how to harmonize them, and undertake simple analysis projects to further understand how music is put together. Previously MU 0250.

**MUSC 2900 Special Topics (Shell)** 3 Credits**Prerequisite:** One 1000-level music course.

Students will undertake an in-depth study of a specific problem, period, composer, performer, or style of performing, creating, or responding to music. The course will be conducted by a leading scholar/practitioner in the field. The course may be repeated with permission of the program director. Previously MU 0200.

**MUSC 3980 Internship** 1-3 Credits**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course

Internships are available in a number of organizations. Students receive semester credit in exchange for working a minimum of 10 hours per week. Students may count no more than six credits towards a major, and no more than three credits towards a minor. Open to music majors and minors only. Enrollment by permission only. Previously MU 0305.

**MUSC 3990 Independent Study** 1-3 Credits**Attributes:** MUHI Music History, VPCH Visual and Performing Arts Core: History Course

By arrangement with music faculty, students work independently on special topics within the field of music. Open to music majors and minors only. Enrollment by permission only. Previously MU 0300-0301.

**MUSC 4998 Senior Capstone Project I** 3 Credits**Attributes:** MUHI Music History, VPCH Visual and Performing Arts Core: History Course

The capstone project provides opportunities for majors to work at a very high level, reflecting their expertise and ongoing research. Enrollment by permission only. Previously MU 0310.

**MUSC 4999 Senior Capstone Project II** 3 Credits**Attributes:** MUAP Applied Music, VPC2 Visual and Performing Arts Core: Applied Course

The capstone project provides opportunities for majors to work at a very high level, reflecting their expertise and ongoing research. Enrollment by permission only. Previously MU 0311.

## Studio Art

**SART 1011 Introduction to Sculpture** 3 Credits**Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This beginning sculpture course is an introduction to working three-dimensionally. Promoting an understanding of the creative process, students will construct objects in both abstract and realistic styles. The course emphasizes concepts, contemporary art and theory through a wide variety of materials and aesthetic categories such as collage, sculptural construction, and installation. Previously SA 0011.

**SART 1012 Introduction to Drawing** 3 Credits**Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This course focuses on the act of seeing and its intimate connection with mark-making. Experiences develop observational, expressive, and conceptual skills. Students explore the formal elements of drawing, such as line, value, composition, and form, and how they can be used to express an awareness of one's self and the world around one. The course explores a variety of materials and processes through in- and out-of-class projects. Students participate in critiques of these projects and, through writing and speaking, develop a language of aesthetic awareness and a sense of artistic quality. Previously SA 0012.

**SART 1013 Introduction to Figure Drawing** 3 Credits**Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This introduction to drawing from the human figure uses a wide variety of media and techniques. The course emphasizes understanding, interpretation, and expressive use of the figure in contemporary studio practice. Students discover proportion and form through line, value, perspective, anatomical studies, and analysis of structure. Students participate in critiques of their projects and, through writing and speaking, develop a language of aesthetic awareness and a sense of artistic quality. Previously SA 0013.

**SART 1014 Introduction to Printmaking** 3 Credits**Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This course is an introduction to traditional, contemporary and experimental approaches to making prints. By exploring etching, monoprinting, digital imaging, and photographic techniques students learn skills fundamental to the printmaking process. In this course we will explore visual language in a broader studio arena, incorporating color theory and an exploration of ideas based on individual experiences and a response to and reflection on current issues and concerns. Previously SA 0014.

**SART 1015 Introduction to Painting** 3 Credits**Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This course introduces the methods, techniques, and language of oil painting. Students explore principles of color, construction, paint handling, delineation of form and space, light and shadow, surface, texture, and composition. Students paint primarily from observation and employ representational and abstract modes. Materials and historical concerns are integral parts of directed and individual investigations. Previously SA 0015.



**SART 1016 Introduction to 2-D Design****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This course is an introduction to the aesthetic dimension of human existence through the appreciation and practice of pictorial design, a fundamental aspect of our larger visual culture. Studio exercises will familiarize students with concepts such as line, rhythm, shape, balance, texture, and pattern. A hands-on studio environment with computer-based assignments will involve students in practical and creative problem-solving. Adobe Illustrator and Photoshop will be the software programs used on all assignments. Across the semester students become more familiar and conversant in the elements and principles of design as well as the two software programs. Previously SA 0016.

**SART 1101 Digital Tools in Art Making****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

In this introductory studio course, students will explore digital graphics software and how it may be used in conjunction with traditional art media (such as painting and drawing in pencil, ink, charcoal, pastels, and gouache) to develop a unique visual voice. Through projects that build on one another's idea-based and technical components, students will develop an understanding of vocabulary fundamental to visual language and technology's relationship to art now and throughout history. Projects will emphasize that digital technology is not an end in itself, but a means to realizing ideas. Previously SA 0101.

**SART 1102 Experiments in Drawing****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

In this introductory course students will gain an expanded view of how seeing, drawing, and thinking contribute to organizing and expressing one's visual thoughts and ideas. Through hands-on studio projects, visual thinking will be emphasized as a creative practice that augments intellectual thought and teaches problem-solving skills. Through an interdisciplinary approach, students will discover new ways of organizing visual space and reflect on the myriad of approaches to working with their hands and new materials both found and new. Projects will include a wide range of mark making, collage, collotypes, and other layering techniques. This course is designed to be open and accessible to all students. Previously SA 0100.

**SART 1105 Color Workshop****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This course investigates fundamental color theory through studio projects using contemporary and historical references. Students focus on the development and exploration of ideas using a variety of color media and study the practical mixing and application of pigments. The course stresses perception, visual awareness, sensitivity, attitude, and judgment, and is typically offered fall semester. This course is designed to be open and accessible to all students. Previously SA 0105.

**SART 1132 Sculpture: Construction and Subtraction****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

An introduction to three-dimensional form and the area that it inhabits, this broad-spectrum course offers an in-depth focus on developing studio skills in sculpture. Hands on collaborative and individual projects introduce students to the themes of space and the environment through an exploration of abstraction and representation. A consideration of the evocative nature of materials is central to this course, as visual organization in the world around us is investigated. This course is designed to be open and accessible to all students. Previously SA 0132.

**SART 1133 Alternative Processes Photography****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$125 Materials Fee

This course covers alternative techniques in photography, including Cyanotypes, Kallitypes, collage, and instant photography. Additionally, students will have readings pertaining to the history of the medium, and will be introduced to contemporary concepts and use of the photographic image. A digital camera, while not required, will be useful. There are a small number of manual and digital loaner cameras available through the Studio Art Program, but loans are available on a first come basis. This course is designed to be open and accessible to all students. Previously SA 0133.

**SART 1134 Digital Photography****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$125 Materials Fee

This course covers basic techniques of digital photography, including print production, the development of concepts and theory in photography, the relationship of photography to other visual media, and the study of historical and contemporary precedents. In addition, students will explore the manipulation of photographic images in both black and white and color through the use of Adobe Photoshop. Students must provide their own digital camera. For this course, cameras must have a manual over-ride option. There are nine possible loaner cameras available through the Studio Art Program, but loans are available on a first come basis. This course is designed to be open and accessible to all students. Previously SA 0134.

**SART 1136 Artist Book Construction****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

In this course, students will engage in book making, book altering, and book deconstruction as a creative endeavor, examining how visual language and written language differ and interact, and will consider the book as a metaphor for any technology that preserves and transmits information. The course will examine our changing relationship with books in the 21st Century by introducing you to the methods and thought processes of working artists as well as social, natural, and/or political issues common to practicing contemporary artists. This course is designed to be open and accessible to all students. Previously SA 0136.



**SART 1137 Motion and Time-Based Art****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This course uses a wide variety of media to develop and present performance and installation art, emphasizing interconnections with video, computer, telecommunications, photography, film, live performance, music, and sound. It is typically offered every other spring semester. This course is designed to be open and accessible to all students. Previously SA 0137.

**SART 1138 From Drawing to Painting****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This course specializes in teaching students to work with drawing as a way to develop subject matter and transition into painting. The first part of the semester is focused on collecting and drawing from visual references such as nature, the figure, interiors and still life. Working with sketches, students learn to develop a visual vocabulary to articulate ideas that are meaningful and personal to them. This practice is used as a starting point to develop a language of expression and transition into painting. This course is designed to be open and accessible to all students. Previously SA 0138.

**SART 1139 Watercolor****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This course is an introduction to the methods, techniques and language of watercolor. In exploring the fundamentals of watercolor this course helps students develop their abilities to see and explore washes of color in relation to pictorial space and form. Value, composition, color, transparency, and wet into wet processes are explored. This course is designed to be open and accessible to all students. Previously SA 0139.

**SART 1140 Darkroom Photography****3 Credits****Attributes:** VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This course is an introduction to the practice of photography by means of film and the darkroom. Students will understand the action of light on film and paper as an art medium. Basic principles and practices of black and white film, intention, processing film and prints, exposure, and printing are instructed and built upon. Students will begin to learn the mechanics and vernacular of analog photography while beginning to understand their own personal aesthetics by completing visual exercises and a final portfolio. Previously SA 0140.

**SART 2230 Advanced Painting****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee**Prerequisite:** SART 1015.

This course builds on the experience of Introduction to Painting and stresses fluency in paint and the advanced development of technical and expressive skills. It focuses on the generation of ideas as a central component in the process of painting. Individual direction is developed in consultation with the instructor. This course includes individual and group criticism. Previously SA 0230.

**SART 2231 Advanced Printmaking****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee**Prerequisite:** SART 1014 or SART 1136.

This course focuses on the development of technical and conceptual skills as a central component in the process of printmaking, with an emphasis on developing individual direction through studio work, drawing, writing, and research. Students explore intaglio, silkscreen, and painterly methods of mono-printing. Previously SA 0231.

**SART 2232 Advanced Sculpture****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee**Prerequisite:** SART 1011 or SART 1132.

This course builds on the experience of Sculpture I and stresses the advanced development of technical and expressive skills. It focuses on the generation of ideas as a central component in sculpture. Individual direction is developed in consultation with the instructor. This course includes individual and group criticism. Previously SA 0232.

**SART 2233 Advanced Photography****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

This course builds upon the fundamentals of photography learned in previous photography courses, and depending on the semester focuses on either digital or darkroom techniques. If the focus is digital, a digital camera is required for this course. Previously SA 0233.

**SART 2235 Advanced Drawing****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee**Prerequisite:** SART 1012 or SART 1013 or SART 1101 or SART 1102 or SART 1138.

This course builds upon the experience of SART 1012 and stresses advanced development of skills. It focuses on the generation of ideas as a central component in the process of drawing and emphasizes individual direction and inventive drawing through studio projects developed in consultation with the instructor. This course includes individual and group criticism. Previously SA 0235.

**SART 2900 Special Topics (Shell)****3 Credits****Attributes:** VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee

Students will have the opportunity to work in a specific medium or technique, or on a particular subject, not available in our regular course offerings. Previously SA 0199.

**SART 3299 Advanced Projects Seminar****3 Credits****Attributes:** GDSA Graphic Design: Studio Arts, VPC2 Visual and Performing Arts Core: Applied Course**Fee:** \$75 Materials Fee**Prerequisites:** Three courses in studio art.

Required for students majoring and an option for students minoring in Studio Art, this course helps students develop a unique body of work representative of their explorations, discoveries and development. Emphasis is on preparing a portfolio reflective of their individual practice. Students read and discuss contemporary and art historical issues. Visiting artists and critics are a feature of the class. Open to majors and minors only. Previously SA 0299.

**SART 3980 Studio Internship****1-3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course  
Internships are for students who have completed at least three studio courses and whose academic work has prepared them for professional work related to internships as studio assistants to professional artists or for work in museums, galleries, or art-related non-profit organizations in the New York City and local areas. Internships require faculty sponsorship and departmental approval, and are developed by each student in consultation with the supervising professor. Previously SA 0304.

**SART 3990 Independent Study****1-3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course  
By arrangement with studio faculty, juniors and seniors may work independently on specific studio projects. Progress is reviewed through individual critiques. Students regularly read and discuss contemporary and art historical issues. Students must finalize independent studies with the studio program director. Previously SA 0302.

**SART 4301 Exhibition Seminar****3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course

**Fee:** \$75 Materials Fee

**Prerequisite:** Senior standing.

Students in this course build on Advanced Projects experiences and continue to develop a unique body of work representative of their explorations, discoveries, research, and deep reflection. Students regularly read and discuss contemporary art theory and art historical issues. Emphasis is placed on preparing a portfolio and senior exhibition. Visiting artists and critiques are a feature of the class. Open to studio art majors only. Previously SA 0301.

## Theatre

**THTR 1011 Introduction to Theatre****3 Credits**

**Attributes:** MWAC Magis Core: Writing Across Curriculum, VPCH Visual and Performing Arts Core: History Course

When we can download any movie we want to our computer and watch it from the comfort of the residence hall, why do live theatre? Why see live theatre? Does live theatre have anything to offer that movies and TV cannot? Is it worth doing or seeing? Actually, the act of witnessing live theatre challenges us to think more deeply, more critically, and more thoughtfully about our society and ourselves. Theatre can change the world. This course is about understanding why we need theatre in our lives, and becoming more active, more engaged, more attentive audience members. Previously TA 0011.

**THTR 1030 Acting I****3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course  
This class is an intensive introduction to technique and training essential to acting. Manifesting the understanding of key concepts through demonstrating skills is the primary focus of the course. Physical openness and responsiveness are explored and developed in pursuit of performance that is dynamically immediate and wholly engages audience, ensemble, and performer. Students will learn and practice Viewpoints, an approach to performance that allows performers to develop stage presence, play as a member of an ensemble, and make exciting performance choices. The class also introduces vocal technique for stage, the key ingredient to theatrical storytelling. Previously TA 0030.

**THTR 1106 Theatre Management****3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course  
When considering a theatre event, we usually think of actors performing for an audience. Yet, there is a network of factors ensuring a successful actor/audience connection. On the management side, there is the stage manager, making sure that every moment of the performance runs smoothly. On the administration side, there are other issues: Where did the money come from? How did the audience learn about the production? What is the overriding purpose of the theatre company? This course introduces the numerous managerial and administrative matters that are necessary for theatre production. Previously TA 0106.

**THTR 1111 World Theatre I****3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course  
Theatre serves as a vehicle to consider the social, political, and economic forces that shaped societies and their entertainments. This course surveys theatre and performance as a mirror of the people and times that shaped them. It begins with a consideration of the human need for mimesis and entertainment, and swiftly moves into the golden age of Greek drama. Other topics include Roman theatre, medieval religious drama, Japanese theatre, Renaissance spectacle and pageantry, censorship, the advent of women on the stage, and popular theatre forms through the 18th century. The course includes theatre trips. Previously TA 0110.

**THTR 1112 World Theatre II****3 Credits**

**Attributes:** VPCH Visual and Performing Arts Core: History Course  
This course examines 19th- and 20th-century theatre and performance in the context of the people and societies that shaped them. It begins by examining the impact of technology on the theatrical world and continues to the present day with a consideration of the avant-garde and contemporary forms such as performance art. The course includes theatre trips. Previously TA 0111.

**THTR 1135 Modern and Contemporary Dance****3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course  
This course explores the movement principles of the major dance figures in the 20th century, including Martha Graham, Doris Humphrey, Hanya Holm, Jose Limon, and Merce Cunningham. Students complete research, compositional assignments, and structured improvisations to support the classroom activity. Overall, students gain a historical perspective of modern dance as an art form and improve their own dance technique in terms of strength, alignment, and flexibility. Previously TA 0135.

**THTR 1138 Folk and Social Dance****3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course  
This course explores dance as social interaction and communal activity. Students discuss and participate in various kinds of folk dances originating from different ethnic cultures and explore their common roots in primitive rituals, religious worship, courtship, recreation, celebration, and therapeutic or healing experiences. The course also explores contemporary forms of ballroom, disco, and club dancing. Students complete research, compositional assignments, and structured improvisations to support classroom activity. Previously TA 0138.

**THTR 1150 Introduction to Entertainment Technology 3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course  
This course is an introduction to the technical aspects of theatre production. Students learn basic techniques of set construction, rigging and stage lighting. Lectures serve as foundational information for a series of lab sessions held throughout the semester. In labs, students construct, rig and light a fully realized Theatre Fairfield production. Proper use of hand and power tools is emphasized. Lab schedules are created during the first weeks of class, in consultation between the instructor and students. To compensate students for the lab requirement, students will earn one credit through enrollment in THTR 1952. Previously TA 0150.

**THTR 1153 Stage Makeup and Costume Construction 3 Credits**

**Attributes:** VPC2 Visual and Performing Arts Core: Applied Course  
This course introduces the basic principles, skills, and techniques of applying theatrical makeup and building costumes. The makeup portion explores two- and three-dimensional makeup techniques including corrective makeup, age makeup, facial hair, and prosthetic makeup. The costume portion focuses on hand and machine sewing techniques, fabrics and fabric modification, and garment construction. Students are required to participate in costume construction for Theatre Fairfield productions. To compensate students for the lab requirement, students earn one credit through enrollment in THTR 1952. Previously TA 0153.

**THTR 1155 Design I 3 Credits**

**Attributes:** GDTA Graphic Design: Theatre, VPC2 Visual and Performing Arts Core: Applied Course  
Designing for the theatre involves a series of interrelated actions: play analysis, visual research, ideation, development, drawing/painting, and collaborating with others. In this class, students study and practice all of these areas of the creative process. In addition, students study the underlying theories and principles that affect scenery, costume and lighting design. Previously TA 0155.

**THTR 1158 Scene Painting 3 Credits**

**Attributes:** GDTA Graphic Design: Theatre, VPC2 Visual and Performing Arts Core: Applied Course  
This workshop introduces the basic principles, skills, and techniques of the scenic artist. Through a series of painting projects, students explore common painting techniques. The course gives special attention to matching the paint project to the paint elevation, as well as developing creative thinking skills. Projects emphasize craftsmanship and the ability to work as part of a team in addition to dealing with the time factors of actual production. Students research various techniques, styles, and visual textures in addition to hands-on work in the class. Students serve as members of a paint crew for a Theatre Fairfield production. Previously TA 0158.

**THTR 1200 American Women Playwrights 3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASVP American Studies: Visual and Performing Arts, ENAM American Literature, E\_AF English Literature After 1800, UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course, WSGF Women, Gender, and Sexuality Studies: Gender Focused  
This course traces the evolution of plays by women from the Revolutionary War to plays reflecting the 21st-century concerns of African American, Asian, American, and Latina playwrights. Plays are discussed in light of the social, political, and economic climates that produced them. Special emphasis is given to questions of sex, gender, race, ethnicity, and class, as we explore how American women, despite considerable obstacles, have developed their own theatrical voices. Our study is further informed by the work of feminist performance theorists. Crosslisted with ENGL 1200. Previously TA 0123.

**THTR 1250 American Drama 3 Credits**

**Attributes:** ASGW American Studies: Gateway, ASVP American Studies: Visual and Performing Arts, E\_AF English Literature After 1800, UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course  
This course examines the development of American theatre from the 18th through the 21st centuries. It includes a study and analysis of the special problems affecting the development and changes in American society as seen through American playwriting and theatre production. Students read over twenty plays that grapple with issues of race, ethnicity, gender, class, and what it means to be an American. The course includes theatre trips. Crosslisted with ENGL 1250. Previously TA 0120.

**THTR 1951 Theatre Fairfield Performance Practicum 1 Credit**

Students gain first-hand training in performance under the guidance of theatre professionals. Everyone cast in a Theatre Fairfield production is automatically enrolled in this one-credit practicum. Students may also earn credit by enrolling in weekly Performance Workshops, which focus each semester on introducing a particular performance skill. Some of the topics covered in previous Performance Workshops include: clowning, stage combat, physical performance, and puppetry. This course may be repeated but may not be included in the 120 credits required for graduation. Previously TA 0094.

**THTR 1952 Theatre Fairfield Production Practicum 1 Credit**

Students gain first-hand training in theatre production under the guidance of theatre professionals. Everyone working on a crew of a Theatre Fairfield production is automatically enrolled in this one-credit practicum. Students must consult with theatre faculty regarding placement as a crew head in stage management, technical, or front-of-house duties. This course may be repeated but may not be included in the 120 credits required for graduation. Previously TA 0095.

**THTR 2210 Theatre in Production 3 Credits**

Students take this course in conjunction with a particular Theatre Fairfield production. This course offers an immersion experience, as students engage in focused theatrical research in the classroom and immediately apply the concepts in the production. The class/production format makes particularly challenging scripts and/or artistic approaches possible. Some of the topics covered in previous semesters include Restoration comedy, performing Shakespeare, and devised theatre. Previously TA 0210.

**THTR 2215 American Musical Theatre: History and Practice 3 Credits**

**Attributes:** UDIV U.S. Diversity, VPCH Visual and Performing Arts Core: History Course

**Prerequisite:** One music or theatre course.

Musical theatre is a complex genre that has developed in tandem with the developing American nation. It is a serious art form that, in its finest iterations, represents total works of art unique in and of themselves. This course expands students' knowledge of the range and diversity of the genre as codified in the middle 20th century by Rodgers and Hammerstein and their imitators. Embedded in great musical theatre pieces is the essence of what it means to be an American living in the United States at a particular time in history. Crosslisted with MUSC 2215. Previously TA 0215.

**THTR 2230 Acting II 3 Credits****Attributes:** VPC2 Visual and Performing Arts Core: Applied Course**Prerequisite:** THTR 1030.

This is an intensive acting course that builds upon the basic acting principles taught in Acting I. In this course, students apply what they have learned about the art, analysis, and interpretation of acting to a variety of dramatic styles. Students explore several period acting styles through exercises, scenes and monologues. Students gain a well-rounded and thoughtful understanding of acting as a practical and intellectual art that prepares them for further work in theatre and related performing arts. Previously TA 0230.

**THTR 2237 Acting for the Camera 3 Credits****Attributes:** VPC2 Visual and Performing Arts Core: Applied Course**Prerequisite:** THTR 1030.

This course is an introduction to the specialized techniques used in successful on-camera acting. On-camera exercises emphasize the importance of listening, truthful moment-to-moment response, and effective communication skills. Initial classes examine the difference between acting for the stage and acting for the camera. Students practice a variety of on-camera styles including comedy, crime drama, and commercials. The course builds towards longer scene work from a screenplay. Topics include script analysis, nuance and depth of performance, relaxation, and confidence on-camera. Crosslisted with FTMA 2237. Previously TA 0231.

**THTR 2253 Costume Design 3 Credits****Attributes:** GDTA Graphic Design: Theatre**Prerequisite:** THTR 1155.

Before a character even speaks, we have a strong sense of who that person is, based on our impression of the costume design. This class focuses on how costume designers engineer strong connections between the world of the play and the audience's experience. Play analysis, historical research, visual research, idea-generation, design development and rendering styles are addressed. Emphasis is placed on a sound creative process, as well as grounding our designs with historical accuracy. Previously TA 0253.

**THTR 2256 Stage Lighting 3 Credits****Attributes:** GDTA Graphic Design: Theatre**Prerequisite:** THTR 1150 or THTR 1155.

With light on stage, we create a vast array of environmental moods. In order to accomplish these effects, students must grasp two separate fields of information. First, there are technical elements: the nature of light, electricity, reflection, refraction, lighting instruments and control systems. Then there is light in the context of the theatrical production. This involves play analysis, visual research, and manipulating light in the theatre space. Both the technical and aesthetic aspects are covered in this class. Safe use of electricity and lighting equipment is emphasized. Previously TA 0256.

**THTR 2288 Scene Design 3 Credits****Attributes:** GDTA Graphic Design: Theatre**Prerequisite:** THTR 1155.

In a play, scenery provides the context, allowing the audience to connect to the characters and their dramatic journey. Not merely locale, scenery is a visual accompaniment to the action of the play. In this course, students develop their drafting, rendering and model-making skills, as these are the designer's principle communication tools. The course includes play reading, analysis and historical research. Emphasis is placed on a sound creative process, as well as grounding designs with historical accuracy. Previously TA 0288.

**THTR 2900 Special Topics (Shell) 3 Credits****Attributes:** VPCH Visual and Performing Arts Core: History Course

In this class, students undertake an in-depth study of a specific problem. This might include period research, dramaturgy, a particular style of acting, a particular style of design, or other aspect of production. The course is conducted by a leading scholar/practitioner in the field. Previously TA 0300.

**THTR 3240 Directing 3 Credits****Attributes:** VPC2 Visual and Performing Arts Core: Applied Course**Prerequisite:** THTR 1030.

This course for advanced students covers the theory, practice, and history of directing for the theatre. In a workshop format, students explore various ways of bringing a play script from conception to full production. The course includes sessions in text analysis, working with actors and designers, and the role and responsibility of the director to the overall production. Students direct several in-class scenes and a one-act play that is produced in Director's Cut, part of Theatre Fairfield's season. Previously TA 0240.

**THTR 3980 Internship 1-3 Credits****Attributes:** VPC2 Visual and Performing Arts Core: Applied Course

With faculty sponsorship, students work with professional theatre companies and theatre artists. Students develop their skills in real-world situations, while networking and gaining invaluable work experience. Internships are also available on-campus, within Theatre Fairfield. Students interested in becoming interns must consult with theatre faculty well in advance of the desired internship semester. Internships for summer work are encouraged. Previously TA 0395.

**THTR 3990 Independent Study 1-3 Credits****Attributes:** VPCH Visual and Performing Arts Core: History Course

This course allows students to intensively explore a particular aspect of stage management, design, acting, directing or dramaturgy under the guidance of a faculty member. Students must have the approval of the theatre faculty before registering for this course. Previously TA 0399.

**THTR 4999 Capstone: Theory of Production 3 Credits****Attributes:** VPCH Visual and Performing Arts Core: History Course

This course is an in-depth exploration of theatre aesthetics and production theory. Students consider what theatre is, can, and should be, while studying varying perspectives on theatrical design, directing, and staging practices. Class sessions focus on analyzing the writings of such major figures as Antonin Artaud, Peter Brook, Edward Gordon Craig, Robert Edmond Jones, and Susan Sontag. This is the capstone class for theatre majors and minors but other interested students with sufficient background are welcome. Previously TA 0310.

## Faculty

### Professors

Eliasoph, P  
LoMonaco  
Porter  
Schwab  
Torff  
Yarrington

### Associate Professors

Chamlin  
Nash  
Rose, chair



Assistant Professors

Brooks  
Calhoun

Visiting Assistant Professor

O'Connor

Lecturers

Cesiro  
Ciavaglia  
Cooney, M  
Covaci  
Donovan  
DiMarzo  
Durand  
Edwards  
Ford  
Fumasoli  
Grauer  
Hofmann  
Kendall  
Leavitt-Learson  
Lee  
Mason  
Mendelsohn  
Murchie  
Ogden  
Paqua  
Pilotti  
Post  
Roth  
Ruling  
Schwans

Professors Emeriti

Gish  
Grossman  
Sutherland

Art History and Visual Culture Major

We live in a visual world, and the study of Art History and Visual Culture provides essential tools for experiencing and understanding humanity's creative visual achievements, while enhancing critical thinking and communication skills. The program in Art History and Visual Culture offers a curriculum exploring art from prehistory until today across the globe, as well as classes in museum studies.

Among the many outstanding resources available to students are: specially arranged visits to major museums in New York and Connecticut with behind-the-scenes tours; internships at the Fairfield University Art Museum and New York City and regional museums, businesses, and cultural organizations; and research on the Fairfield University Art Museum's collection and the historic Plaster Cast Collection.

Many Art History and Visual Culture majors enrich their experience further by spending a semester or year abroad including our signature programs at Florence University for the Arts and IAU in Aix-en-Provence, France. Our alumni work in museums, galleries, and auction houses as well as in education, law, the non-profit sector, marketing, public relations,

development and fundraising, publishing - nearly every occupation that requires observation, analysis, and communication. Our dedicated alumni are valuable resources for current students, returning to campus regularly to give career advice and participating in job shadow programs and intern hiring.

Students in introductory Art History and Visual Culture courses should be able to meet the following learning goals:

- Have visual literacy and fluency
- Be able to discern and evaluate visual forms of expression
- Have an increased comfort in museum/gallery/cultural settings

and learning outcomes:

- Recognize and analyze paradigm monuments, and monuments related to them.
- Use art historical vocabulary correctly.
- Make meaningful connections between artworks and other examples of human expression within their historical contexts.
- Find, evaluate, and use sources to answer questions and present findings in appropriate written form.

Students in upper-level seminars should be able to show proficiency in the above outcomes, as well as:

- Demonstrate writing and research skills necessary in the field of Art History and Visual Culture.
- Demonstrate creative capacities in oral and written expression.
- Analyze and critically evaluate ideas, arguments, and points of view.

Students may choose the traditional Art History and Visual Culture major or an Art History and Visual Culture major with a concentration in Visual Arts Administration.

Requirements

For a 30-credit major in Art History and Visual Culture, students complete the following:

Code	Title	Credits
Select two of the following Exploring Art History and Visual Culture courses:		6
AHST 1001	Exploring Art History: Technology and Art	
AHST 1002	Exploring Art History: Migration and Art: Raids, Trade, Pilgrimage	
AHST 1003	Exploring Art History: Life, Death, and the Afterlife in Art	
AHST 1004	Exploring Art History: Propaganda and Art: From Shamans, Pharaohs, and Kings to Christ	
AHST 1005	Exploring Art History: Sex, Sacrilege, Scandals: From Caves to Culture Wars	
AHST 1006	Exploring Art History: Destruction, Plunder, and Preservation	
Select three courses from the following: <sup>1</sup>		9
AHST 1102	Art of East Asia	

AHST 1103	Art of Africa, the Caribbean, and the Americas	
AHST 1104	Art of Asia	
AHST 1105	History of Architecture	
AHST 1109	Jewish Art: Moses to Modernity	
AHST 1111	Greek Art and Archaeology	
AHST 1112	Etruscan and Roman Art and Archaeology	
AHST 1113	Art and Archaeology of Ancient Egypt: Images for Eternity	
AHST 1120	Medieval Art of Western Europe	
AHST 1121	Celtic and Early Irish Art	
AHST 1130	Early Renaissance Art in Italy	
AHST 1131	High Renaissance and Mannerism in Italy	
AHST 1152	Modern Art	
AHST 1164	American Art and Media Culture	
AHST 1165	The Black Experience: African-American Art and Criticism in the 20th and 21st Centuries	
AHST 1172	History of Photography	
AHST 1191	Art and Mythologies of Nazi Germany, Fascist Italy, Bolshevik Russia: Comparative Systems & Outcomes	
AHST 1192	History, Theory, and Practice of Museums	
AHST 1193	Inside Museums and Galleries: Taste, Place, Public Space	
Select one course from the following:		3
AHST 2209	Historic Plaster Cast Collection at Fairfield University	
AHST 2210	Myth in Classical Art	
AHST 2221	Arts of Ireland and the British Isles, 500-1000	
AHST 2222	Byzantine Art	
AHST 2900	Special Topics (Shell)	
AHST 2292	Museums, Art, Ethics, and the Law	
AHST 3990	Independent Study <sup>2</sup>	
AHST 3980	Internship <sup>2</sup>	
Select three additional art history courses at the 100 level or higher		9
AHST 4999	Senior Capstone Seminar	3
Total Credits		30

<sup>1</sup> Students are advised to take courses from a range of time periods and geographical locations.

<sup>2</sup> AHST 3980 and AHST 3990 are available to advanced students. Only one may be counted toward the major in Art History and Visual Culture.

## Concentration in Visual Arts Administration

For a 30-credit major in Art History and Visual Culture with a concentration in Visual Arts Administration, students complete the following:

Code	Title	Credits
Select two of the following Exploring Art History and Visual Culture courses:		6

AHST 1002	Exploring Art History: Migration and Art: Raids, Trade, Pilgrimage	
AHST 1003	Exploring Art History: Life, Death, and the Afterlife in Art	
AHST 1004	Exploring Art History: Propaganda and Art: From Shamans, Pharaohs, and Kings to Christ	
AHST 1005	Exploring Art History: Sex, Sacrilege, Scandals: From Caves to Culture Wars	
AHST 1006	Exploring Art History: Destruction, Plunder, and Preservation	
Select one 1000-level Art History and Visual Culture course		3
Select one 2000-level Art History and Visual Culture course		3
Select one additional art history course numbered 1100 or higher		3
Select at least one of the following museum-themed courses:		3
AHST 1192	History, Theory, and Practice of Museums	
AHST 1193	Inside Museums and Galleries: Taste, Place, Public Space	
AHST 2292	Museums, Art, Ethics, and the Law	
AHST 3980	Internship	3
AHST 4999	Senior Capstone Seminar	3
ENGL 1839	Grant and Proposal Writing	3
Select one of the following Business courses:		3
ACCT 1011	Introduction to Financial Accounting	
MGMT 2101	Introduction to Management	
MGMT 3240	Leading and Managing People	
MGMT 4335	Entrepreneurship: Ideation and Validation	
MGMT 4370	Managing Non-Profit Organizations	
MKTG 1101	Principles of Marketing	
Total Credits		30

It is recommended that AETH 2291 Business Ethics be one of the courses taken for fulfillment Area III of the Core Curriculum. Additional DSB courses listed above are recommended as electives.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Art History and Visual Culture Minor

For an 18-credit minor in Art History and Visual Culture, students complete the following:

Code	Title	Credits
Select two of the following Exploring Art History and Visual Culture courses:		6
AHST 1001	Exploring Art History: Technology and Art	
AHST 1002	Exploring Art History: Migration and Art: Raids, Trade, Pilgrimage	
AHST 1003	Exploring Art History: Life, Death, and the Afterlife in Art	

AHST 1004	Exploring Art History: Propaganda and Art: From Shamans, Pharaohs, and Kings to Christ	
AHST 1005	Exploring Art History: Sex, Sacrilege, Scandals: From Caves to Culture Wars	
AHST 1006	Exploring Art History: Destruction, Plunder, and Preservation	
Select four additional art history courses at the 1100-level or higher <sup>1</sup>		12
Total Credits		18

<sup>1</sup> AHST 3980 may not be used. At least three art history courses must be taken while in residence at Fairfield.

## Film, Television, and Media Arts Major

The Film, Television, and Media Arts Program at Fairfield University takes a dynamic approach to the study of narrative media. FTM majors and minors build skills in both critical analysis and hands-on production, acquiring a solid foundation in creating and reflecting on multimedia storytelling forms. In FTM, students learn the skills and habits of mind needed to succeed in the rapidly evolving media landscape.

Since the Film, Television, and Media Arts Program exists within a comprehensive, liberal arts university, its curriculum strikes an appropriate balance between professional-quality film and television production, film and media history and theory, and analytic research and writing. Students learn the theory, analysis and collaborative practice of all aspects of visual storytelling: writing, moving-image design, producing, directing, cinematography, sound design, digital imaging, and editing. The program's faculty members are scholars, artists, and working professionals, ensuring that students learn information at the cutting edge of the field.

The academic major is a good introduction for students interested in continuing as professionals in the film and television industries. Since Fairfield has an excellent reputation and is situated in the greater New York region, many opportunities exist for internships in media production and significant internships are available at the Media Center and in production companies throughout the metropolitan area. After graduation, many students in this program acquire solid entry-level jobs in various media fields or continue to develop their interest through graduate studies.

Students in Film, Television, and Media courses should be able to:

### Goals

- Produce thoughtful creative work
- Think critically about themselves as producers and consumers of media
- Develop skills in creative collaboration

### Outcomes

- Analyze and interpret moving images
- Recognize key ideas, forms, and historical contexts in film and television
- Demonstrate media literacy through clear and effective writing

- Exhibit mastery of filmmaking craft and concepts in the service of communicating to an audience

Some courses require an additional materials fee.

## Requirements

For a 33-credit major in Film, Television, and Media Arts, students complete the following:

Code	Title	Credits
FTMA 1010	Introduction to Film Studies	3
FTMA 1011	Introduction to Film and Video Production	3
FTMA 1103	Global Cinema	3
FTMA 1120	Beginning Screenwriting for Film and Television	3
FTMA 1130	Film Editing and Media Construction	3
Select four elective courses in FTMA <sup>1</sup>		12
FTMA 4998	Capstone Seminar I	3
FTMA 4999	Capstone Seminar II	3
Total Credits		33

<sup>1</sup> Of these FTMA electives, one must be in film studies and two must be at the 2000 level or higher. FTMA 3980 Internship and FTMA 3990 Independent Study may each be taken once for major credit.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Film, Television, and Media Arts Minor

For an 15-credit minor in Film, Television, and Media Arts, students complete the following:

Code	Title	Credits
FTMA 1010	Introduction to Film Studies	3
FTMA 1011	Introduction to Film and Video Production	3
Select three elective courses in FTMA <sup>1</sup>		9
Total Credits		15

<sup>1</sup> Of these FTMA electives, one must be at the 2000 level or higher. FTMA 3980 Internship and FTMA 3990 Independent Study may not be taken as minor electives.

## Graphic Design Minor

In today's world, we are literally surrounded by graphic design, from billboards to soda cans, from social media posts to political ads. The graphic designer develops engaging material that communicates a pointed message and persuades an audience. The form of the communication can be physical or virtual, and may include images, words, or graphic forms. The work can happen at any scale, from the design of a single postage stamp to a national postal signage system. It

can also be for any purpose, whether commercial, educational, cultural, or political. However you define it, graphic design is ubiquitous.

The interdisciplinary minor in Graphic Design asks students to learn, reflect, and act as designers, preparing students for work in the increasingly complex role of design in virtually all facets of business, in both for-profit and not-for-profit fields. The minor complements students' other fields of study, with the concepts, theories and competencies of design.

Part of being a graphic designer is using Adobe digital graphics software, which is upgraded frequently. Hence, designers also must keep up with the changes in the software. The graphic design courses feature a few software tutorials, but students are expected to train themselves in the digital graphics software. Numerous tutorials for the Adobe software are available through LinkedIn Learning.

## Goals and Learning Outcomes

Students seeking a minor in Graphic Design demonstrate proficiency in design principles, design process, theory, history and contemporary design practice. Students develop an understanding of design process and problem solving methods and explore the effect graphic design has upon the human environment from social responsibility, sustainability and interdisciplinary perspectives. Students demonstrate proficiency in identified technical skills, understand and apply basic principles in the process of creating, analyzing, and evaluating graphic design solutions in relation to specific end uses and consumer needs. Students demonstrate proficiency in research, writing, communication and presentation skills.

Graphic Design students demonstrate the following knowledge and skills:

- Acquire, articulate, and apply specialized terminology and knowledge relevant to graphic design including relationships to other disciplines and to contemporary global issues.
- Assess, predict, and articulate the influence and importance of graphic design issues within the human environment from social responsibility, sustainability and interdisciplinary perspectives.
- Acquire and demonstrate competency in technical skills applicable to graphic design.
- Demonstrate the ability to use design thinking strategies in an iterative design process.
- Demonstrate the ability to analyze, synthesize, and develop probable solutions.

The Graphic Design minor prepares students for a range of post-graduate opportunities, including in the non-profit sector and graduate school.

## Requirements

For an 18-credit minor in graphic design, students complete the following:

Code	Title	Credits
Select two classes from the following that focus on learning to see and analyze visual art:		6
AHST 1001	Exploring Art History: Technology and Art	
AHST 1002	Exploring Art History: Migration and Art: Raids, Trade, Pilgrimage	
AHST 1003	Exploring Art History: Life, Death, and the Afterlife in Art	

AHST 1004	Exploring Art History: Propaganda and Art: From Shamans, Pharaohs, and Kings to Christ	
AHST 1005	Exploring Art History: Sex, Sacrilege, Scandals: From Caves to Culture Wars	
AHST 1006	Exploring Art History: Destruction, Plunder, and Preservation	
AHST 1102	Art of East Asia	
AHST 1103	Art of Africa, the Caribbean, and the Americas	
AHST 1104	Art of Asia	
AHST 1105	History of Architecture	
AHST 1109	Jewish Art: Moses to Modernity	
AHST 1111	Greek Art and Archaeology	
AHST 1112	Etruscan and Roman Art and Archaeology	
AHST 1113	Art and Archaeology of Ancient Egypt: Images for Eternity	
AHST 1120	Medieval Art of Western Europe	
AHST 1121	Celtic and Early Irish Art	
AHST 1130	Early Renaissance Art in Italy	
AHST 1152	Modern Art	
AHST 1164	American Art and Media Culture	
AHST 1165	The Black Experience: African-American Art and Criticism in the 20th and 21st Centuries	
AHST 1172	History of Photography	
AHST 1191	Art and Mythologies of Nazi Germany, Fascist Italy, Bolshevik Russia: Comparative Systems & Outcomes	
COMM 1130	Mass Media and Society	
COMM 3337	Visual Communication	
FTMA 1101	American Cinema History	
FTMA 1102	American Television History	
FTMA 1103	Global Cinema	
FTMA 1104	Documentary Cinema	
FTMA 2206	American Film: Decades	
FTMA 2207	Film Genres	
FTMA 2201	Filmmaker Studies	
FTMA 2204	African American Cinema	
Select two classes from the following that focus on making art, keeping a sketchbook, and visual composition:		6
SART 1011	Introduction to Sculpture	
SART 1012	Introduction to Drawing	
SART 1013	Introduction to Figure Drawing	
SART 1014	Introduction to Printmaking	
SART 1015	Introduction to Painting	
SART 1016	Introduction to 2-D Design	
SART 1101	Digital Tools in Art Making	
SART 1102	Experiments in Drawing	
SART 1105	Color Workshop	
SART 1132	Sculpture: Construction and Subtraction	
SART 1133	Alternative Processes Photography	
SART 1134	Digital Photography	
SART 1136	Artist Book Construction	



SART 1137	Motion and Time-Based Art
SART 1138	From Drawing to Painting
SART 1139	Watercolor
SART 2230	Advanced Painting
SART 2231	Advanced Printmaking
SART 2232	Advanced Sculpture
SART 2233	Advanced Photography
SART 2235	Advanced Drawing
SART 3299	Advanced Projects Seminar
THTR 1155	Design I
THTR 1158	Scene Painting
THTR 2253	Costume Design
THTR 2288	Scene Design

Select two classes that focus on graphic design. Students may only enroll in these courses after they have completed the requirements above:

GDSN 3201	Graphic Design I: Making Meaning
GDSN 3202	Graphic Design II: Clients and Collaboration

Total Credits 18

## Music Major

Music allows for analytic, critical, and speculative humanistic inquiry, but is built on a foundation of mathematics and science. It allows creativity and personal interpretation and requires a rigorous understanding of syntax and abstract reasoning; it provides insight into culture and history and relates to and illuminates what is happening here and now; it is a language by which we can communicate with one another and is an art that expresses what words cannot.

As one of the original seven liberal arts, music maintains a place in the university as a subject of broad and passionate interest to educators, historians, performers, composers, and theorists, as well as those interested in arts management, recording, music industry, and the interaction of music with other arts such as film and theatre. At Fairfield, all of these form a community dedicated to furthering a knowledge and love of music. We not only want students to understand, evaluate, and analyze music, but also want to make music a meaningful part of their life. We want students to find the passion in music and to actively engage with the issues and the contexts surrounding, impacting, and influencing music.

The study of music is not just about preserving knowledge of the past; it is a field of study that provides forums for debate and action, and also delivers content that gives context to learning.

The Music program's goals are to:

- Offer students a variety of opportunities to develop musical skills and knowledge.
- Acquaint students with the growing scope and substance of musical thought and practice.
- Advance the historical, theoretical, and critical study of music.
- Equip students with technical, cognitive, and creative skills that will enable them to use their knowledge effectively in any field or discipline.
- Foster students' understanding of both the creative process in music and the products of musical creation.

- Develop the ability to write critically and analytically, and express a well-developed opinion both orally and in writing.
- Provide students the knowledge and modes of inquiry characteristic of other disciplines.
- Cultivate in students the desire for continued musical and intellectual growth throughout their lives.

The learning outcomes of the Music program are for students to:

- Demonstrate deep understanding of the historical, theoretical, and critical constructs of music
- Demonstrate factual knowledge about music and ability to identify it in terms of discipline-specific concepts and language, as well as style, genre, and historical context.
- Apply course material by analyzing and evaluating music, both in speaking and in writing.
- Demonstrate knowledge of musical traditions, as well as the fundamental principles, generalizations, and theories behind those traditions.

## Applied Music Lessons

The department provides private lesson instruction for all interested students and University members in most areas of music performance. Instruction carries an extra charge beyond tuition and includes 10 private lessons per semester. Lessons are for one hour and earn two credits. Lesson times are arranged individually with the instructor.

These credits do not count towards the 38 three-credit courses required for graduation, but six may be counted towards the music major or minor. Students interested in registering for lessons may do so via online registration as they would any other course, and must do so before the end of the add/drop period as identified on the University Academic Calendar. For more information, please contact the department coordinator, Melissa Roberto, or Dr. Laura Nash.

Music lessons carry an additional fee. See the Tuition and Fees page for details (p. 32).

## Performing Ensembles

For information about performance ensembles, students are encouraged to contact Dr. Nash or Prof. Torff.

## Requirements

For a 30-credit major in music, students complete the following:

Code	Title	Credits
Select 10 courses in Music, including:		30
At least two courses from each of the three categories: American, European, and Experiential music <sup>1</sup>		
At least one 3000-level course		
At least one course emphasizing Pre-20th Century music		
Total Credits		30

<sup>1</sup> At least one of these must be at the 2000 level.

The remaining credits to complete the major may be fulfilled with a combination of:

- internship
- independent study
- additional course(s) from any of the three areas
- performance ensembles (Students may accumulate more than 6 credits, but no more than 6 performance credits may count toward the major.)

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Music Minor

For an 18-credit minor in music, students complete the following:

Code	Title	Credits
Select one music history course		3
Select one applied music course		3
Select 2-4 music elective courses		6-12
Performance credits (lessons or ensembles)		0-6
Total Credits		18

## Studio Art Major

The Studio Art program promotes the development of creative inquiry, expression of ideas, and critical thinking. Through the use of traditional and new materials and techniques, students increase skills of visual expression and problem-solving. Through art-making, discussions, readings, writings, and museum and gallery visits, students expand their understanding of visual art and its process, while gaining analytical skills and factual knowledge to aid their perception of art and the world around us.

Students who take Studio Art core courses (1000-level) will be able to:

### Goals:

- Think and make creatively
- Observe, depict, analyze, and interpret sensory information
- Understand how knowledge is socially constructed within and beyond the studio
- Identify an area of interest and articulate why it is meaningful
- Consider the ethical implications of decisions made within our globally interconnected society

### Outcomes:

- Show evidence of critical thinking about the social and cultural forces that shape decision-making
- Demonstrate skills and practices that enhance their expression and communication
- Clearly articulate comprehension of methods and process within and beyond the studio

Students who take upper level Studio Art core courses (2000- and 3000-level) will be able to do the above, and:

- Make art that draws on knowledge from the class gained from other fields and the studio

## Requirements

For a 30-credit major in studio art, students complete the following:

Code	Title	Credits
Select one of the following Drawing courses:		3
SART 1012	Introduction to Drawing	
SART 1013	Introduction to Figure Drawing	
SART 1102	Experiments in Drawing	
SART 1101	Digital Tools in Art Making	
SART 1138	From Drawing to Painting	
Select six additional courses in Studio Art <sup>1</sup>		18
Select one course in Art History and Visual Culture		3
SART 3299	Advanced Projects Seminar	3
SART 4301	Exhibition Seminar	3
Total Credits		30

<sup>1</sup> This may include any course in Studio Art, including Drawing, Painting, Photography, Printmaking, and Sculpture.

## Magis Core Curriculum

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## Studio Art Minor

For an 18-credit minor in studio art, students complete the following:

Code	Title	Credits
Select one of the following Drawing courses:		3
SART 1012	Introduction to Drawing	
SART 1013	Introduction to Figure Drawing	
SART 1101	Digital Tools in Art Making	
SART 1102	Experiments in Drawing	
SART 1138	From Drawing to Painting	
Select four additional 1000- or 2000-level Studio Art courses		12
Select one Art History and Visual Culture course		3
Total Credits		18

## Theatre Major

The Theatre Program at Fairfield offers students a liberal arts education balanced between theory and practice: we study theatre and we make theatre. Students work with theatre professionals in acting, dance, design, directing, playwrighting, production, and entertainment technology, and study with professors specializing in history, literature, and criticism of the stage. Students leave Fairfield with a solid foundation in theatre production skills, as well as a strong understanding of the cultural and intellectual contributions theatre continues to make in our world.

Goals for students taking theatre core courses are:

- To gain factual knowledge of all aspects of theatre in practice and theory.
- To develop the specific skills required for working theatre professionals.
- To develop creative capacities as artists, thinkers, and problem solvers.

In advanced courses, students' abilities are enhanced through rigorous engagement in analyzing, critically evaluating, and creating theatre art.

Theatre Fairfield is the production company of the program. Participation in Theatre Fairfield productions is open to all students at the University, regardless of major or minor. We think of Theatre Fairfield as our practical laboratory, where we experiment and refine concepts we are learning in the classroom. Theatre Fairfield's season includes professionally directed and designed productions as well as pieces that feature student playwrighting, directing, designing and acting. In any given four-year period, we produce plays from many historical periods and styles: musicals, comedies, serious plays, period plays, contemporary works, and original plays. Every student has the opportunity to be a performer, writer, director, producer, designer, technician, dramaturg, and critic, and there are many opportunities for advanced work in all of these areas. A group of four production interns, chosen by competitive scholarship, works closely with faculty and staff in administering Theatre Fairfield's season.

Recent productions have included:

- *Titus Andronicus* by William Shakespeare
- *Authenticity* by John Morogiello from an idea by Jakob G. Hofmann and John Morogiello (world premiere production)
- *Fortinbras* by Lee Blessing
- *The Curious Incident of the Dog in the Night-Time* by Simon Stephens, based on the novel by Mark Haddon
- *Silent Sky* by Lauren Gunderson
- *The Spitfire Grill* by James Valcq and Fred Alley
- *Antigone* by Sophokles, in a new translation by Anne Carson
- *The Taming of the Shrew* by William Shakespeare
- *Pack of Lies* by Hugh Whitmore
- *The Art of Dining* by Tina Howe
- *A Man's World* by Rachel Crothers
- *Avenue Q* by Robert Lopez, Jeff Marx and Jeff Whitty
- *Dancing at Lughnasa* by Brian Friel
- *Measure for Measure* by William Shakespeare
- *Stop Kiss* by Diana Son
- *Rhinoceros* by Eugene Ionesco
- *An Enemy of the People* by Henrik Ibsen
- *The Glass Menagerie* by Tennessee Williams
- *Dead Man's Cell Phone* by Sarah Ruhl
- *Romeo and Juliet* by William Shakespeare, directed by distinguished guest artist Barbra Berlovitz
- *Machinal* by Sophie Treadwell
- *The Rocky Horror Show* by Richard O'Brien
- *Cabaret* by John Kander and Fred Ebb
- *The Importance of Being Earnest* by Oscar Wilde
- *Picasso at the Lapin Agile* by Steve Martin
- *Dead Man Walking* by Tim Robbins
- *The Birds* by Aristophanes

- *Lend Me a Tenor* by Ken Ludwig
- *The Laramie Project* by Moisés Kaufman

In helping students become well-rounded theatre people, this program emphasizes good research and good communication skills, which are essential to work in the theatre, as well as to all aspects of life. Courses stress the development of written, verbal, and artistic abilities. The program also advocates double-majors and/or minors with other disciplines such as English, psychology, sociology, history, philosophy, communication, and modern languages, as well as double-majors with the School of Business.

Studying in the Theatre Program prepares students for any career that requires creativity, communication skills, and good business practice. Our graduates include managers, lawyers, and educators, as well as theatre professionals working in all aspects of the industry.

### Credit for Theatre Fairfield Productions

In order to understand the nature of theatre, you must engage in the process of making theatre. Therefore, major and minor coursework is supplemented by required participation in Theatre Fairfield productions.

Students earn course credit for such participation. This acknowledges and embraces the educational nature of production work. Grades in these classes are figured in the student GPA, but the class hours count over and above the 120 credit hours required for graduation.

1. THTR 1951 Theatre Fairfield Performance Practicum is a zero/one-credit course that enrolls all students who perform in Theatre Fairfield shows.
2. THTR 1952 Theatre Fairfield Production Practicum is a zero/one-credit course that enrolls all students who are on crews for Theatre Fairfield shows.

### Curriculum Categories

Code	Title	Credits
Theory		
THTR 1011	Introduction to Theatre	
THTR 4999	Capstone: Theory of Production	
Performance		
THTR 1030	Acting I	
THTR 1135	Modern and Contemporary Dance	
THTR 1138	Folk and Social Dance	
THTR 1951	Theatre Fairfield Performance Practicum	
THTR 2210	Theatre in Production	
THTR 2230	Acting II	
THTR 3240	Directing	
THTR 2900	Special Topics (Shell) (in Performance)	
Dramatic Literature and History		
ENGL 1804	Creative Writing: Drama	
THTR 1111	World Theatre I	
THTR 1112	World Theatre II	
THTR/ENGL 1200	American Women Playwrights	
THTR/ENGL 1250	American Drama	
THTR 2210	Theatre in Production	

THTR 2215	American Musical Theatre: History and Practice
THTR 2900	Special Topics (Shell) (in Dramatic Literature and History)
<b>Technology</b>	
THTR 1150	Introduction to Entertainment Technology
THTR 1153	Stage Makeup and Costume Construction
THTR 1158	Scene Painting
THTR 1952	Theatre Fairfield Production Practicum
THTR 2900	Special Topics (Shell) (in Entertainment Technology)
<b>Design</b>	
THTR 1155	Design I
THTR 2253	Costume Design
THTR 2256	Stage Lighting
THTR 2288	Scene Design
THTR 2900	Special Topics (Shell) (in Design)
<b>Arts Administration</b>	
THTR 1106	Theatre Management
<b>Internships and Independent Studies</b>	
THTR 3980	Internship
THTR 3990	Independent Study

## Requirements

For a 33-credit major in theatre, students complete the following:

Code	Title	Credits
THTR 1011	Introduction to Theatre	3
THTR 1030	Acting I	3
THTR 1106	Theatre Management	3
THTR 1111	World Theatre I	3
THTR 1112	World Theatre II	3
THTR 1150	Introduction to Entertainment Technology	3
THTR 1155	Design I	3
THTR 1250 or THTR 2210	American Drama Theatre in Production	3
THTR 2230	Acting II	3
THTR 2253 or THTR 2256 or THTR 2288	Costume Design Stage Lighting Scene Design	3
THTR 4999	Capstone: Theory of Production	3
Total Credits		33

Theatre majors must participate in the majority of the annual Theatre Fairfield Productions, through THTR 1951 and THTR 1952.

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## Theatre Minor

For an 18-credit minor in theatre, students complete the following:

Code	Title	Credits
THTR 1011	Introduction to Theatre	3
THTR 1030	Acting I	3
THTR 1112	World Theatre II	3
THTR 1150	Introduction to Entertainment Technology	3
THTR 1155	Design I	3
THTR 4999	Capstone: Theory of Production	3
Total Credits		18

Theatre minors must participate in the majority of the annual Theatre Fairfield Productions, through THTR 1951 and THTR 1952.

## Women, Gender, and Sexuality Studies

Women, Gender, and Sexuality Studies is an interdisciplinary program that challenges the cultural, intellectual, social, and political assumptions about sex, gender, and sexuality systems. A unique field, Women, Gender, and Sexuality Studies draws on scholarship from multiple disciplines to develop its own theories, methods and epistemologies. The inextricable linkage of theory and practice forms the foundation of the field. Courses in the program critically engage issues of race, ethnicity, class, gender, sexuality and other key components of identity, and the ways they intersect.

The Women, Gender, and Sexuality Studies program offers you opportunities to:

- Identify intersecting systems of power; including race, class, ethnicity, gender, sex, and sexuality.
- Gain specialized knowledge and acquire proficiency in course content.
- Apply theories, methods, and epistemologies to course materials and lived experience.
- Analyze and critically evaluate the implications of specialized knowledge put into practice.

As an interdisciplinary program, Women, Gender, and Sexuality Studies offers a unique way to combine elements from other disciplines and bring them together in especially powerful ways: Women, Gender, and Sexuality Studies encourages research and scholarship that integrate diverse ideas.

## Programs

- Women, Gender, and Sexuality Studies Minor (p. 250)



Courses

**WGSS 3980 Internship** **3 Credits**  
**Attributes:** WSGF Women, Gender, and Sexuality Studies: Gender Focused  
The internship program allows students to gain on-site experience that can be related to the discipline of Women, Gender, and Sexuality Studies. Internship areas include health, publishing, communications, politics, and many other fields. Students consult the program director for a list of internship opportunities before registering for this course. Faculty supervision helps students integrate their experiences with the intellectual foundation acquired in their academic courses. Enrollment by permission only. Previously WS 0299.

**WGSS 4990 Independent Study** **1-3 Credits**  
**Attributes:** WSGF Women, Gender, and Sexuality Studies: Gender Focused  
By arrangement with Women, Gender, and Sexuality Studies faculty, students may choose to work independently on special topics. Enrollment by permission only. Previously WS 0399.

**WGSS 4999 Capstone Seminar** **3 Credits**  
**Attributes:** PJST Peace and Justice Studies, WSGF Women, Gender, and Sexuality Studies: Gender Focused  
Students take this final course in the minor sequence in the senior year after completing the other five required courses. The course integrates feminist approaches across the disciplines, emphasizing the relationship between theory and practice. It is open to seniors only; juniors may enroll with the permission of the program director. Previously WS 0301.

Faculty

Director

Garvey (English)

Coordinating Faculty

- Brennan (Communication)
- Brunn-Bevel (Sociology and Anthropology)
- Harriott (Biology)
- Hohl (History)
- Kelley (English)
- Labinski (Philosophy)
- Lawrence (History)
- McClure (Psychology)
- Orlando (English)
- Rodrigues (Sociology and Anthropology)
- Willsky-Ciollo (Religious Studies)

Women, Gender, and Sexuality Studies Minor

For an 18-credit minor in Women, Gender, and Sexuality Studies, students complete the following:

Code	Title	Credits
Select five courses from the list below, including: <sup>1</sup>		15
at least three gender-focused courses		
two additional gender-focused or gender-component courses		

WGSS 4999	Capstone Seminar <sup>2</sup>	3
Total Credits		18

- <sup>1</sup> Courses must be chosen from at least two disciplines.
- <sup>2</sup> With permission of the director(s), other capstone experiences that focus on women, gender and sexuality topics may be counted in place of WGSS 4999. If another capstone experience is substituted, then a sixth WGSS course must be completed from the list of approved courses.

Women, Gender, and Sexuality Studies Electives

Code	Title	Credits
AETH 2283	Environmental Justice	3
ANTH 1125	Sex, Gender, and Sexual Orientation	3
BIOL 1071	Identity and the Human Genome	3
COMM 2236	Gender, Sexuality, and Media	3
COMM 2246	Family Communication	3
COMM 3245	Identities, Discourse, and Social Change	3
COMM 3323	Gender and Organizing	3
ECON 2114	Economics of Race, Class, and Gender in the American Workplace	3
ENGL 1200	American Women Playwrights	3
ENGL/CLST 1270	Romantic Love in Greek and Roman Literature	3
ENGL 1300	Literature by Women: Vision and Revision	3
ENGL 1310	Contemporary Women Writers of Color	3
ENGL 1620	Irish Women Writers	3
ENGL 1710	Literature and the Visual Arts <sup>1</sup>	3
ENGL 2016	Victorian Poetry and Poetics <sup>1</sup>	3
ENGL 2033	American Women Writers of the 19th Century	3
ENGL 2045	Edith Wharton and Her Circle	3
ENGL 2063	African American Women Writers	3
ENGL 2075	Modern Women Writers	3
ENGL 2083	Asian Diasporas: Challenges to Citizenship	3
ENGL 2091	Gender and Sexuality in Film and Literature	3
ENGL 3014	Renaissance Eros	3
ENGL 3036	Seminar on Toni Morrison	3
ENGL 3072	All About Eve	3
ENGL 3074	The Woman Question: Early Feminism and 19th Century Transatlantic Literature	3
ENGL 3075	Caribbean Women Writers	3
ENGL 3076	Global Women's Fiction	3
ENGL 3077	Urban Texts and Contexts: NYC	3
FTMA 2201	Filmmaker Studies (Women Directors)	3
FTMA 2209	Gender, Sexuality, and Cinema	3
HIST 1146	Women's History as U.S. History	3
HIST 2240	The Personal Is Political: Women's Activism in the 1960s	3
HIST 2245	Feminism in the United States	3
HIST 2246	Women and Gender in U.S. History	3
HIST 2247	Family and Sexuality in U.S. History	3

HIST 2257	Who Built America? Working People in America	3
HIST 2263	Inventing Themselves: African-American Women in U.S. History	3
HIST 3346	Saints, Sinners, and Sisters: Women and Religion in American History	3
HIST 3366	Gender, Culture, and Representation: Women in China and Japan, 1600 to Present	3
NURS 3314	Maternal and Newborn Nursing	4
PHIL 2206	Philosophical Perspectives on Women in Classical Literature	3
PHIL 2281	Philosophies of Love and Sex	3
PHIL 2282	Violence and the Sacred	3
PHIL 2283	Philosophy and Pornography	3
POLI 2334	Sex, Sexuality, and Gender	3
POLI 2336	Politics of Race, Class, and Gender	3
POLI 4301	The Battle Over Family Values in American Politics	3
POLI 4302	Seminar on Feminist Theory	3
POLI/INST 4303	Gender, War, and Peace	3
PSYC 2330	Gender and Mental Health	3
RLST 2115	Women in Judaism	3
RLST 2205	Women in the Bible	3
RLST 2336	Christian Feminist Theology	3
SOCI 1115	Sociology of the Family <sup>1</sup>	3
SOCI 1120	Sociology of Sexuality	3
SOCI 1130	Feminism, Gender, and Everyday Life	3
SOCI 1135	Race, Gender, and Ethnic Relations <sup>1</sup>	3
SOCI 2115	Women: Work and Sport	3
THTR 1200	American Women Playwrights	3
WGSS 3980	Internship	3
WGSS 4999	Capstone Seminar	3
WGSS 4990	Independent Study	1-3

<sup>1</sup> Indicates gender-component course.

## Post-Baccalaureate Certificate Pre-Health Certificate

The purpose of the Post-Baccalaureate Pre-Health (PBPH) Program is to prepare and support students for matriculation into a professional school as they pursue careers in health care. The program is designed for students who have already received an undergraduate degree in a non-science field. These students need to take the core science and math classes that are required to enter any medical or clinical program. The minimum admission requirements for medical programs are one year of biology, one year of physics, one year of English, and two years of chemistry. Additionally, some medical schools highly recommend or may require specific mathematics courses (calculus and/or statistics), biochemistry, psychology, and sociology courses.

Students enrolled in the PBPH Program will take a minimum of 9 math and science courses (most include a mandatory one-credit co-requisite laboratory) or 35 credits. The PBPH Program is designed such that a student may complete all required and recommended math and science

courses in two years. All credit transfers of previously taken courses must be approved by the PBPH program prior to program acceptance. Students will also participate in an MCAT preparatory course and receive mentoring by the advisor of the Health Professions Program (HPP), Geoffrey Church, Ph.D.

## Requirements

Code	Title	Credits
Select at least nine courses in mathematics and natural sciences		35
Options may include:		
BIOL 1171 & 1171L	General Biology I and General Biology I Lab	
BIOL 1172 & 1172L	General Biology II and General Biology II Lab	
BIOL/CHEM 3324	Biochemistry I	
Upper-level Biology elective		
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	
CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	
Upper-level Chemistry elective		
Health Studies elective		
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	
MATH 2217	Statistics I	
PHYS 1171 & 1171L	General Physics I and General Physics I Lab	
PHYS 1172 & 1172L	General Physics II and General Physics II Lab	
Introductory Psychology elective		
Total Credits		35

## School Directory Administration

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Dean

**Scott Lacy, PhD**  
Associate Dean

**Glenn Sauer, PhD**  
Associate Dean

**Andrea Martinez, MA, NCC**  
Senior Assistant Dean

**Colby Lemieux, MA**  
Assistant Dean

**Jean Daniele**  
Manager, CAS Operations

**Elizabeth Petrino, PhD**  
Director of the Magis Core

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Director, American Studies

**David Schmidt**  
Director, Applied Ethics

**Marice Rose**  
Director, Art History

**Anna Marie Aksan**  
Director, Asian Studies

**Shelley Phelan**  
Chair, Biology

**Kris Sealey**  
Director, Black Studies

**Paul Lakeland**  
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**Matthew Kubasik**  
Chair, Chemistry and Biochemistry

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**Carol Ann Davis**  
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**Ryan Colwell**  
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**Lynne Porter**  
Director, Graphic Design

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Director, Health Studies

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Director, International Studies

**William Abbott and Marion White**

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**Mary Ann Carolan**  
Director, Italian Studies

**Gavriel Rosenfeld**  
Director, Judaic Studies

**Jessica Alicea-Planas and Lucrecia Garcia Iommi**  
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Chair, Mathematics (BS)

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Chair, Physics

**David Downie**  
Chair, Politics

**Margaret McClure**  
Chair, Psychology

**Sean Horan**  
Director, Public Relations

**Martin Nguyen**  
Chair, Religious Studies

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**Marice Rose**  
Chair, Visual and Performing Arts

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# DOLAN SCHOOL OF BUSINESS

## A Message from the Dean

Today more than ever the business world is in need of ethical leaders who are able to adapt to and succeed in a global environment. At the Dolan School of Business, we echo this need in our Jesuit mission and vision of educating women and men for others. Competitive forces both domestically and abroad produce markets that are in constant flux. As a result of the exchange of technology, entrepreneurial insight, and dynamic innovation, organizations are seeking leaders who can anticipate such forces and act accordingly. An education from Fairfield's Dolan School of Business makes this possible by providing:

**Faculty who are both national scholars and highly engaged and informed teachers in the classroom.** As thought-leaders in their disciplines, Dolan School faculty members use scholarly research to inform their teaching. As a result, students benefit from lectures and course activities that bring real world issues into the classroom.

**Curricula that challenge and inspire students while also providing them with the necessary tools to become true leaders in organizations.** At the undergraduate level, business education is purposively infused with a broad and rich arts and sciences university core curriculum. This results in forming engaged students who are critical thinkers, informed participants in the larger society, and highly competent contributors to both profit and not-for-profit endeavors. Regarding graduate study, the Dolan MBA and various specialized MS programs afford students opportunities to study advanced business topics and master quantitative skills. Thus, Dolan students are sought after for positions in public accounting, analytics, finance and investing, human resources, and marketing.

**Personal and professional development opportunities tailored to complement one's academic experiences.** A rigorous academic curriculum is paramount for success; however, it is also important to develop one's character for the business world. Workshops, seminars, lectures, and experiential activities ranging from field trips to mock interviews to study abroad options are some of the many resources available to further enhance students' personal and professional capabilities.

Businesses are looking for informed, dynamic individuals who have the skills and confidence to be not only decision-makers but also "game changers!" If you are forward-thinking, highly motivated and open to challenges, then an education from the Dolan School of Business is definitely for you. I look forward to welcoming you to our community.

**Zhan Li, DBA**  
Dean, Dolan School of Business

## Overview

Students in the Dolan School of Business take the general education core curriculum required of all undergraduate students, ensuring that they receive a broad knowledge of the humanities, mathematics, social sciences, and natural sciences. In addition, students complete a business core curriculum introducing the fields of accounting, business ethics, economics, finance, global strategy, information systems, the legal environment of business, management, marketing, business analytics, and statistics.

The balance of the program depends on the major: accounting, economics, finance, information systems, international business,

management, or marketing. Minors are available to all students in accounting, accounting/information systems, business analytics, business law and ethics, economics, entrepreneurship, finance, information systems, management, marketing, and sports leadership and management.

All members of the business faculty serve as academic advisors. Faculty members have substantial business experience, helping them to be invaluable guides for students choosing a course of study to further specific career goals. The combination of general education and business core courses with those in the major areas of study develops in students the flexibility of mind that is a critical asset for business leaders.

Students are motivated to continue to grow intellectually and be prepared for a professional career and future graduate study. A broad perspective on society and the proper role of business, based on an appropriate set of ethical values, are emphasized. In consultation with faculty, students follow an approved curriculum that reflects the depth and breadth of modern business practices.

## School Activities/Programs

Complementing the Dolan School of Business' traditional pedagogical mission is a series of diverse and distinctive programs that serve to enrich the University community and its various constituencies.

- **Dean's Lecture Series.** The Dolan School of Business brings to the classroom setting leaders from the corporate and financial communities who address students on a specific topic related to the subject matter within an identified major area of study within the school. The unique perspective that business practitioners can bring to the academic environment is a welcome and valuable element to a student's business education.
- **Professional Development Series.** The Professional Development Series consists of events and workshops designed to complement student development throughout their four years at Fairfield and provide a structured forum for students to gain the necessary knowledge, skills, and networking strategies to supplement their business education. The purpose of this series is to provide students with a competitive edge when entering the labor market.
- **Fairfield StartUp Entrepreneurship Competition.** This competition features student teams from across the University presenting their pitches to a panel of expert judges including venture capitalists, social entrepreneurs, and business executives. Substantial cash prizes go to winners to be applied toward developing entrepreneurial businesses. This event attracts a standing-room-only crowd from both the University and the Fairfield community.
- **Student Co-curricular Activities.** Students can participate in faculty-advised activities including: NY Society of Security Analysts Case Competition, Rotman School (University of Toronto) Trading Competition, the Fed Challenge, American Accounting Association Conferences, Beta Gamma Sigma (Business Honor Society) Student Leadership Conference, Beta Alpha Psi (Accounting Honor Society) Conference, Student Managed Investment Fund, Fairfield Investment Group, Institute of Management Accounting Student Conference, and departmental clubs in accounting, finance, entrepreneurship, management, and marketing.
- **Dolan Student Ambassadors.** In order to receive student feedback directly, the Dean's Office host meetings each semester with the Dolan Student Ambassadors (DSAs), a group of 12-15 high-achieving business students representing a variety of disciplines. Events and



updates within the Dolan School of Business are discussed, and students provide a range of excellent suggestions.

## Degrees

### Bachelor of Science

#### Major Areas of Study

Seven major areas of study are available to students in the Dolan School of Business. It is advised that students decide on a major, in consultation with their advisors, prior to the end of the sophomore year (before course registration for the junior year in April). Once a major is selected, students have the option to change their major without penalty provided there is a sufficient period of time to complete the degree. The process of selecting and changing a major requires the student to complete and submit the Change of Major form, available in the Dean's office.

Majors available in the Dolan School of Business include:

- Accounting (p. 265)
- Business Analytics (p. 276)
- Economics (p. 267)
- Finance (p. 271)
- Information Systems (p. 274)
- International Business (p. 277)
- Management (p. 279)
- Marketing (p. 285)

#### Minor Areas of Study

Dolan School of Business minors are available to all university students. It is the student's responsibility to complete the requisite Minor Application and submit to the Dolan School of Business Dean's office.

To ensure the feasibility of minor completion, students are strongly encouraged to declare business minors by the end of the fall semester of the junior year. The completion of the minor is contingent upon course availability and the student's individual progress.

Minors available in the Dolan School of Business are as follows:

- Accounting
- Accounting/Information Systems
- Business Analytics
- Business Law and Ethics
- Economics
- Entrepreneurship
- Finance
- Information Systems
- Management
- Marketing
- Sports Leadership and Management

### Change of School

Students may transfer into the Dolan School of Business from the College of Arts and Sciences, Marion Peckham Egan School of Nursing, or School of Engineering if their overall grade point average is 2.80 or better.

## Internship Program

The Dolan School of Business offers optional internships for qualified students. The presence of a large number of corporate offices in the Fairfield area provides a range of rewarding career preparation opportunities. These internships may be undertaken for credit, for pay, or for both credit and pay. When pursuing an internship for academic credit, an on-the-job supervisor, the Dolan Director of Career Development, and a faculty member monitor student progress. Students interested in internships should discuss arrangements as early as possible with the Dolan Director of Career Development. Students must have an overall GPA of 2.50 or higher to qualify for the internship program, and all internships must be approved by the appropriate Department Chair through the Dolan Director of Career Development.

Three-credit internships may be pursued by qualified juniors and seniors in any business discipline. These internships do not fulfill any requirements toward the major or minor; rather, they satisfy either the Business Elective or a free elective requirement. One-credit internships may be pursued by qualified sophomores, juniors, and seniors in any business discipline. One-credit internships do not satisfy any graduation requirements.

Students may earn up to eight internship credits (two 3-credit internships and two 1-credit internships).

## University Honors Program

The Dolan School of Business participates in the University Honors Program (p. 145), an interdisciplinary course of study open to invited first years and sophomores and devoted to intellectual history, interdisciplinary studies, and advanced work in the student's major field.

## Courses

### General Business

#### BUSN 2980 Internship

**1 Credit**

**Prerequisite:** Sophomore standing.

Students will engage in a work experience that is designed to be relevant to the student's academic pursuits, personal development, and professional preparation. The internship provides students with the opportunity to gain experience in workplace settings and to translate classroom learning into practice. The internship is a substantive career development experience. It can be paid or unpaid with the intent of the experience being for the student to be exposed to ideas and concepts in a professional setting while being mentored. At the end of the internship experience, students will be able to reflect on their personal and professional growth and make a more informed decision on their career path. Students must have a GPA of 2.5 or higher. Enrollment by permission only. Previously BU 0397-0398.

#### BUSN 3211 Legal Environment of Business

**3 Credits**

**Prerequisite:** Junior standing.

This course examines the broad philosophical as well as practical nature and function of the legal system, and introduces students to the legal and social responsibilities of business. The course includes an introduction to the legal system, the federal courts, Constitutional law, the United States Supreme Court, the civil process, and regulatory areas such as employment discrimination, protection of the environment, and corporate governance and securities markets. Previously BU 0211.

**BUSN 3220 Environmental Law and Policy** **3 Credits**

**Attributes:** EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, EVSS Environmental Studies: Social Science, MGEL Management: General Elective  
This course surveys issues arising out of federal laws designed to protect the environment and manage resources. It considers in detail the role of the Environmental Protection Agency in the enforcement of environmental policies arising out of such laws as the National Environmental Policy Act, the Clean Water Act, and the Clear Air Act, among others. The course also considers the impact of Congress, political parties, bureaucracy, and interest groups in shaping environmental policy, giving special attention to the impact of environmental regulation on business and private property rights. Previously BU 0220.

**BUSN 3391 Seminar in Business Ethics** **3 Credits**

**Attributes:** MGEL Management: General Elective  
**Prerequisites:** AETH 2291, BUSN 3211, two additional courses in law or applied ethics.  
This course is an interdisciplinary study of these two aspects of the business environment. Topics focus on the interaction of law and ethics, and the regulatory public policy issues in such areas as multiculturalism, work and family, the environment, product safety, international business, and advertising. This course is the capstone experience for students earning a minor in business law and ethics. Crosslisted with AETH 3391. Previously BU 0391.

**BUSN 3980 Internship** **3 Credits**

**Prerequisite:** Junior standing.  
Students will engage in a work experience that is designed to be relevant to the student’s academic pursuits, personal development, and professional preparation. The internship provides students with the opportunity to gain experience in workplace settings and to translate classroom learning into practice. The internship is a substantive career development experience. It can be paid or unpaid with the intent of the experience being for the student to be exposed to ideas and concepts in a professional setting while being mentored. At the end of the internship experience, students will be able to reflect on their personal and professional growth and make a more informed decision on their career path. Students must have a GPA of 2.5 or higher. Enrollment by permission only. Previously BU 0395-0396.

**BUSN 4320 Employment Law and Discrimination in the Workplace** **3 Credits**

**Attributes:** MGEL Management: General Elective, UDIV U.S. Diversity  
This course examines a variety of legal issues related to the workplace including the doctrine of employment at will, employee privacy, and the history and development of labor unions and the legal protections afforded by the National Labor Relations Act. A study of the role of the Civil Rights Act of 1964 and the Equal Employment Opportunity Commission in eradicating discrimination based on race, sex, religion, national origin, age, and disability occupies a major portion of the course. Other employment issues include affirmative action, worker safety, and compensation. Previously BU 0320.

**Other Subjects**

Consult the pages for each department for courses in the following fields:

- Accounting (p. 265)
- Economics (p. 268)
- Finance (p. 272)
- International Business (p. 277)

- Information Systems and Operations Management (p. 274)
- Management (p. 279)
- Marketing (p. 285)

**Core Curriculum**

The Dolan School of Business has two components to its student undergraduate core curriculum. Fairfield’s Magis Core, common to all undergraduates, provides a solid grounding in liberal arts skills and habits of mind: critical thinking, oral and written communications, and reflective practice, to name a few. The Dolan Business Core provides a solid foundation in the business disciplines while preparing them to delve deeply into their chosen major.

The plan of study below presents a typical four-year schedule of courses in the program.

**Dolan School of Business Curricula**

*Applies to Class of 2024 and Later*

	Courses	Credits
A. Magis Core Requirements	15	45
B. Business Core Requirements	9	27
C. Major Field Courses	6	18
D. Free Electives	11	33
Total	41	123

**Magis Core Curriculum**

*15 courses, 45 credits.*

Beginning with the Class of 2023, all undergraduate students will be required to complete the newly designed Magis Core Curriculum. For students entering Fairfield prior to fall 2019, please reference the Catalog Archive (<http://catalog.fairfield.edu/archive/>).

Students in the Dolan School of Business will fulfill certain areas of the Magis Core by taking specified courses as outlined below. Please refer to the Curricula section of this catalog for full requirements and a detailed explanation of the Magis Core (p. 28).

**Tier I: Orientation**

Code	Title	Credits
<b>Mathematics</b>		
Select one Calculus course <sup>1</sup>		3
MATH 2217	Statistics I	3
<b>Modern or Classical Language</b>		
Select one language course based on placement		3

<sup>1</sup> Students will take MATH 1121, MATH 1122, MATH 1141, MATH 1142, MATH 1171, or MATH 1172, based on placement.

**Tier II: Exploration**

Code	Title	Credits
<b>Behavioral and Social Sciences</b>		
ECON 1011	Introduction to Microeconomics	3
ECON 1012	Introduction to Macroeconomics	3

## Business Core Requirements

9 courses; 27 credits.

Code	Title	Credits
ACCT 1011	Introduction to Financial Accounting <sup>1</sup>	3
ACCT 1012	Introduction to Management Accounting <sup>1</sup>	3
AETH 2291	Business Ethics	3
BUAN 2101	Business Analytics <sup>2</sup>	3
BUSN 3211	Legal Environment of Business	3
FNCE 2101	Introduction to Finance <sup>2</sup>	3
MGMT 2101	Introduction to Management <sup>2</sup>	3
MGMT 4300	Business Strategies in the Global Environment <sup>3</sup>	3
MKTG 1101	Principles of Marketing <sup>2</sup>	3
Total Credits		27

<sup>1</sup> These courses should be primarily taken in the first year.

<sup>2</sup> These courses should be primarily taken in the second year.

<sup>3</sup> This course may not be taken until the senior year.

## Business Major Requirements

6 courses; 18 credits.

Some concentrations may require additional courses. Descriptions and requirements of each of the seven majors are detailed in the respective departmental sections that follow. Course descriptions are also included.

## Free Electives

11 courses; 33 credits.

All business students must complete a minimum of eleven free electives totaling 33 credits. A free elective is a three- or four-credit course chosen by students without any restrictions related to their majors. Students can (and often do) use the free electives toward the completion of a double major or a minor.

## Accounting

The accounting program in the Dolan School of Business offers students a complete liberal arts education combined with an innovative and integrated approach to business studies. Through the program, students acquire the conceptual and technical knowledge to develop, measure, analyze, and validate financial information.

The curriculum emphasizes the role of accounting as a key component of all business enterprises. Our faculty takes a personal interest in developing our student's professional foundation and personal potential. Majors acquire excellent accounting and communication skills, and are well versed in the various fields of business. Throughout, you learn how to record, examine, and communicate information concerning an individual's or organizations financial performance.

## Programs

- Accounting Major (p. 267)
- Accounting Minor (p. 267)
- Accounting Information Systems Minor (p. 267)

## Courses

### ACCT 1011 Introduction to Financial Accounting 3 Credits

This course introduces students to financial accounting. Students learn to read and comprehend published financial statements and are introduced to the financial reporting process. Topics include financial statement analysis; accrual accounting; revenue and expense recognition; and accounting for assets, liabilities, and equities. Previously AC 0011.

### ACCT 1012 Introduction to Management Accounting 3 Credits

**Prerequisite:** ACCT 1011.

This course introduces students to managerial accounting and the role of accounting information in managerial decision-making. Topics include a description of basic cost elements; the interrelationship between fixed costs, variable costs, and profit; and methods of accumulating the costs associated with producing products and providing services (e.g., activity-based costing), so that students can make recommendations about performance evaluation, project evaluation and other management decisions. Previously AC 0012.

### ACCT 2203 Intermediate Accounting I 3 Credits

**Prerequisite:** ACCT 1011.

This course provides an in-depth study of financial accounting theory and concepts and the presentation of financial statements in conformity with Generally Accepted Accounting Principles (GAAP). The course emphasizes balance sheet valuations and their relationship to income measurement and determination. Previously AC 0203.

### ACCT 2204 Intermediate Accounting II 3 Credits

**Prerequisite:** ACCT 2203.

This course continues the in-depth study of financial accounting theory and concepts, and the presentation of financial statements in conformity with Generally Accepted Accounting Principles (GAAP) begun in ACCT 2203. In addition to balance sheet valuation and income measurement issues, the course includes special topics such as earnings per share, accounting for income taxes, leases, and cash flows. Previously AC 0204.

### ACCT 2265 Accounting Information Systems 3 Credits

**Prerequisite:** ACCT 1012.

This course analyzes the methods used to capture, process, and communicate accounting information in a modern business enterprise. Students learn to document business transaction cycles using data-flow diagrams and flowcharts. They analyze the accounting information system, identify weaknesses, and recommend improvements to internal control. Students process accounting information through a modern database management application program such as a general ledger package or an enterprise resource planning system. Previously AC 0265.

### ACCT 2980 Internship 1 Credit

**Prerequisite:** Sophomore standing.

Students gain practical experience in accounting. Students must have a GPA of 2.5 or higher. Enrollment by permission only. Previously AC 0393-0394.

**ACCT 3320 Cost Management****3 Credits****Prerequisites:** ACCT 2203, junior standing.

This course focuses on the proactive management of costs and the effect of costs on managers' decision-making, planning, and control. Students learn to accumulate costs and assign them to products and services using several different techniques such as activity-based costing. Other topics include profit planning and resource allocation through the budgeting process; the evaluations of organizational performance in cost, profit, and investment centers; and the importance of cost in the strategic management of the organization. Previously AC 0320.

**ACCT 3320L Cost Management Lab****1 Credit****Corequisite:** ACCT 3320.

In this lab, students practice applying cost accounting concepts. Activities include using computer applications (e.g., Excel) to solve and present solutions to cost management problems. Note: This optional lab is not required, but highly recommended. Previously AC 0320L.

**ACCT 3330 Auditing****3 Credits****Prerequisites:** ACCT 2204, junior standing.

This course introduces the audit of financial statements by independent CPAs. It bridges the gap between knowledge of accounting principles and the professional practice of accounting and auditing in the working world. Students learn about the role of auditing in society and the professional standards for behavioral and technical competence. They also study the factors entering into judgments about audit risk and the fair presentation of financial statement assertions. The course presents programs and procedures for defining audit objectives, gathering evidence, making decisions, and exercising professional skepticism. Previously AC 0330.

**ACCT 3343 Federal Income Taxation I****3 Credits****Prerequisites:** ACCT 2204, junior standing.

This course introduces students to income tax, adjusted gross income, deductions from adjusted gross income, itemized deductions, property transactions, filing status and exemptions, passive activity losses, tax credits, and tax computations. The course also includes tax compliance and preparation considerations for individuals. Previously AC 0343.

**ACCT 3344 Individual Taxation: Socioeconomic Applications****3 Credits****Attributes:** UDIV U.S. Diversity**Prerequisites:** ACCT 3343, junior standing.

This course builds on the knowledge students obtained in ACCT 3343. In addition to reviewing the fundamentals of individual income tax theory and the associated various forms and schedules, the course will provide students with practical experience in preparing and filing individual tax returns and the procedures used to enforce the individual taxation system. Students will become familiar with using the tax forms, calculating different tax credits and deductions, and conducting research to answer tax questions. The course will also address different social, economic, and ethical perspectives of the taxation system. Students will apply professional tax software, and will be required to obtain the necessary certification and volunteer in a Volunteer Income Tax Assistance (VITA) site as tax preparers. Previously AC 0344.

**ACCT 3345 Federal Income Taxation II****3 Credits****Prerequisites:** ACCT 3343, junior standing.

This course continues the study of taxation begun in ACCT 3343. The topics include formation of the corporation, distributions, liquidations, and reorganizations. The course covers tax return preparation, tax planning, research, and compliance issues throughout, and also includes personal holding companies, Subchapter S corporations, and partnerships. Previously AC 0345.

**ACCT 3380 Not-for-Profit Accounting****3 Credits****Prerequisites:** ACCT 2204, junior standing.

This course examines accounting theory and concepts, and the reporting principles promulgated by the Financial Accounting Standards Board (FASB) as they relate to voluntary health and welfare organizations, healthcare organizations and universities and all types of not for profit organizations. Learning will be enhanced by a service learning experience. Previously AC 0380.

**ACCT 3980 Internship****3 Credits****Prerequisite:** Junior standing.

Students gain practical experience in accounting. Students must have a GPA of 2.5 or higher. Enrollment by permission only. Previously AC 0391-0392.

**ACCT 3990 Independent Study****3 or 6 Credits****Prerequisite:** Senior standing.

This course provides students with the opportunity to study and research a specialized topic under faculty guidance. Students must have a GPA of 2.5 or higher. Open to Accounting majors only. Enrollment by permission only. Previously AC 0397-0398.

**ACCT 4310 Advanced Accounting****3 Credits****Prerequisites:** ACCT 2204, senior standing.

This course focuses on accounting for various financial investments, including financial instruments, derivatives, and business combinations. Students also study the role of financial instruments in hedging foreign currency exposures and the complications encountered in financial reporting in a global environment. Previously AC 0310.

## Faculty

### Professors

Caster  
Lee, J.  
Massey

### Associate Professors

Bloch, *chair*  
Bradford  
Coyne  
Ebrahim

### Assistant Professors

Hunter  
Peck

### Instructors of the Practice

Brenner  
Drusbosky  
Mettler  
Tharrington

### Lecturers

D'Agostin  
DeMelis  
Glinka  
Hartman  
Kardos  
Klein

Orticelli  
Peck, III  
Sciametta  
Yost

## Accounting Major

Accounting majors take courses appropriate for careers in public and private accounting, internal auditing, and government and not-for-profit accounting. Many students find that undergraduate studies in accounting are excellent preparation for a wide range of corporate positions.

### Requirements

For a 45-credit major in accounting, students complete the following:

Code	Title	Credits
Business Core Requirements		27
ACCT 2203	Intermediate Accounting I	3
ACCT 2204	Intermediate Accounting II	3
ACCT 3320	Cost Management	3
ACCT 3330	Auditing	3
ACCT 3343	Federal Income Taxation I	3
ACCT 4310	Advanced Accounting	3
Total Credits		45

Accounting majors must maintain a GPA of at least a 2.50 in accounting.

## Accounting Minor

The accounting minor offers students an extensive understanding of accounting content and function in areas of business. It is not designed to prepare a student for the Certified Public Accountant exam.

For a 15-credit minor in accounting, students complete the following:

Code	Title	Credits
ACCT 1011	Introduction to Financial Accounting	3
ACCT 1012	Introduction to Management Accounting	3
ACCT 2203	Intermediate Accounting I	3
ACCT 2204	Intermediate Accounting II	3
ACCT 2265	Accounting Information Systems (or a 3000-level accounting elective course)	3
Total Credits		15

Accounting minors must maintain a GPA of at least 2.50 in all accounting courses.

## Accounting Information Systems Minor

The accounting information systems minor highlights the impact of technology and business analytics on the accounting profession as well as the regulatory and internal control issues associated with accounting information.

For an 18-credit minor in accounting information systems, students must complete the following:

Code	Title	Credits
ACCT 1011	Introduction to Financial Accounting	3
ACCT 2203	Intermediate Accounting I	3
ACCT 2265	Accounting Information Systems	3
BUAN 2101	Business Analytics	3
BUAN 3210	Business Analytics Methods	3
BUAN 3260	Database Systems	3
Total Credits		18

Accounting majors may double count ACCT 2203 for the accounting major and the accounting information systems minor. Information systems majors may double count BUAN 3210 for the information systems major and the accounting information systems minor.

Accounting information systems minors may not declare a second minor in accounting or information systems.

## Economics

The curriculum of the Department of Economics blends basic economic concepts and their applications with contemporary issues. Courses develop reasoning capacity and analytical ability in students. By focusing on areas of application, students use economic principles to stimulate their powers of interpretation, synthesis, and understanding. The department's individualized counseling encourages majors to tailor their study to career and personal enrichment goals. A major in economics provides an excellent background for employment in the business world while maintaining the objectives of a liberal education. The economics degree pairs nicely with a wide variety of double majors and minors, including finance, math, international studies, area studies, and other social sciences. In fact, many economic elective courses "double count" towards other major, minor, and core requirements. Economics majors regularly use a variety of up-to-date analytical tools, including Microsoft Excel and PowerPoint, and are introduced to Stata, a sophisticated statistical package. The economics major also prepares students for advanced study in graduate or professional schools.

## Learning Outcomes for Economics Students

Students who study in the economics department should be able to use models and analytical tools, within an institutional framework, to understand and evaluate economic outcomes.

### Goal I

Students will understand the tradeoffs between efficiency and equity that are made as resources are allocated among economic actors

Learning Objectives: Students will be able to

- appraise various market models
- use welfare measures to analyze economic tradeoffs

### Goal II

Students will describe economic concepts and apply them to real world issues.

Learning Objectives: Students will be able to



- use theory to explain economic events
- evaluate the success or failure of policies used to achieve intended economic outcomes

### Goal III

Students will acquire quantitative skills to analyze data and use that data and analysis to support logical positions

Learning Objectives: Students will be able to

- acquire data-gathering skills in order to analyze an existing economic argument or present an economic argument of their own
- experience using statistical software packages to analyze economic data,
- formulate empirically testable hypotheses

### Goal IV

Students will use qualitative and quantitative models to interpret the impact of public policy choices

Learning Objectives: Students will be able to

- identify how economic policies can be utilized to overcome market inadequacies
- construct economic arguments using both quantitative and non-quantitative forms of evidence

## Programs

### Dolan School of Business

- Economics Major - Bachelor of Science (p. 271)
- Economics Minor (p. 103)

### College of Arts and Sciences

- Economics Major - Bachelor of Arts (p. 102)
- Economics Major - Bachelor of Science (p. 102)
- Economics Minor (p. 103)

## Courses

#### ECON 1011 Introduction to Microeconomics 3 Credits

This course analyzes the behavior of individual consumers and producers as they deal with the economic problem of allocating scarce resources. The course examines how markets function to establish prices and quantities through supply and demand, how resource costs influence firm supply, and how variations in competition levels affect economic efficiency. Topics may include antitrust policy, the distribution of income, the role of government, and environmental problems. Previously EC 0011.

#### ECON 1012 Introduction to Macroeconomics 3 Credits

This course develops models of the aggregate economy to determine the level of output, income, prices, and unemployment in an economy. In recognition of the growing importance of global economic activity, these models incorporate the international sector. The course examines and evaluates the role of public economic policy, including fiscal and monetary policy. Topics may include growth theory and price stability. Previously EC 0012.

#### ECON 2112 Economic Aspects of Current Social Problems 3 Credits

**Attributes:** LCEL LACS Minor: Elective

This course uses a policy-oriented approach to study contemporary economic issues. Topics include government spending, the role of federal budgets in solving national problems, poverty, welfare, social security, population, the limits to growth controversy, pollution, energy, and regulation. Previously EC 0112.

#### ECON 2114 Economics of Race, Class, and Gender in the American Workplace 3 Credits

**Attributes:** EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, UDIV U.S. Diversity, WSGF Women, Gender, and Sexuality Studies: Gender Focused

This course examines the impact of race, class, and gender differences on decisions made in households and in the workplace. It begins with an in-depth analysis of labor supply decisions and responsibilities of households, moving to an examination of labor demand decisions and wage-rate determination. The course reviews applications of theoretical predictions as they relate to important public policy issues such as child and elder care, social security, pay equity, the glass ceiling, affirmative action, sexual harassment, and poverty. Previously EC 0114.

#### ECON 2120 Introduction to Environmental Economics 3 Credits

**Attributes:** ANMC Asian Studies Elective, EVME Environmental Studies Major Elective, EVPE Environmental Studies Elective, EVSS Environmental Studies: Social Science, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective

This course, which presents an overview of the theory and empirical practice of economic analysis as it applies to environmental issues, first establishes a relationship between the environment and economics. It then develops the concept of externalities (or market failures) and the importance of property rights before exploring the valuation of non-market goods. It examines the practice of benefit-cost analysis and offers economic solutions to market failures, while highlighting pollution control practices, especially those based on incentives. Throughout, the course examines current issues regarding environmental protection around the globe. Previously EC 0120.

#### ECON 2140 Health Economics 3 Credits

**Attributes:** HACA Humanitarian Action Minor Context Course, HSSS Health Studies: Social Science, PJST Peace and Justice Studies

This course begins by applying microeconomic theory to the health sector of the U.S. economy. The U.S. experience will be generalized to global health issues and alternative health care systems. Topics include the demand for health care and health insurance, managed care and the role of government, physician compensation, and specialty choice, the role of nurses and other healthcare professionals, the hospital sector, and medical cost inflation. Previously EC 0140.

#### ECON 2150 Media Economics 3 Credits

This course analyzes the operation and consumption of the music, television, and entertainment industries within a microeconomic framework. Students will learn what forms of competition drive the production and distribution of media in the context of a changing technical environment. Theories of different media market settings will be illustrated and then concepts reinforced by real-world examples, including the changing operation of music production and distribution as the internet evolves, and the ways in which current media companies integrate seemingly different products. To explain these processes the topics of competition, pricing, industry structures, and regulatory environments will be explored. Previously EC 0150.

**ECON 2152 Economics of Sport****3 Credits**

This course develops and examines the tools and concepts of economic analysis as they apply to the sports industry. Topics in professional sports include free agency, salary cap, and new franchises. The course also explores economic issues and institutional structures of sports such as golf and tennis, and the broader industry including the National Collegiate Athletic Association, sports equipment, advertising, minor leagues, and the Olympics. Students gain an increased understanding of how economics affect them through this combination of sports and economics. Previously EC 0152.

**ECON 2185 Regional Economic Development****3 Credits**

This course includes two key components: a theoretical examination of the basic theories of regional economic development such as growth poles, spillovers, infrastructure requirements, and center-periphery analysis; and an application of these theories to a specific economic issue. Students participate in a comprehensive study of a significant economic issue facing a Connecticut community, in cooperation with a regional agency, resulting in detailed analysis of the issues and potential solutions. Fieldwork is required. Previously EC 0185.

**ECON 3204 Intermediate Microeconomic Theory****3 Credits**

**Prerequisite:** ECON 1011.

This course builds upon and expands the theoretical models of EC 0011. The course introduces indifference curves to explain consumer behavior; short- and long-run production functions, showing their relationship to product costs; and the efficiency of various competitive market structures. Topics include marginal productivity theory of income distribution, monopoly, and general equilibrium theory. Previously EC 0204.

**ECON 3204L Intermediate Microeconomic Theory Lab****1 Credit**

**Corequisite:** ECON 3204.

In this lab, students actively engage in the science of economics. Activities include lectures on mathematical methods, advanced problem-solving projects, collaborative teamwork experiences, and computer simulations. Note: This lab is required of all students pursuing the BS in economics; it is optional for students earning the BA. Previously EC 0204L.

**ECON 3205 Intermediate Macroeconomic Theory****3 Credits**

**Prerequisite:** ECON 1012.

This course, which includes computer applications, analyzes the determination of national income and output; fiscal and monetary tools; and growth, inflation, and stabilization policies. Previously EC 0205.

**ECON 3205L Intermediate Macroeconomic Theory Lab****1 Credit**

**Corequisite:** ECON 3205.

In this lab, students actively engage in the science of economics. Activities include lectures on mathematical methods, advanced problem-solving projects, collaborative teamwork experiences, and computer simulations. Note: This lab is required of all students pursuing the BS in economics; it is optional for students earning the BA. Previously EC 0205L.

**ECON 3210 Money and Banking****3 Credits**

**Attributes:** BUEL Business Elective

**Prerequisite:** ECON 1012.

This course covers the commercial banking industry, the money market, Federal Reserve operations and policy making, and monetary theory. Previously EC 0210.

**ECON 3224 Labor Economics and Labor Relations****3 Credits**

**Prerequisites:** ECON 1011, ECON 1012.

Nearly 70 percent of income earned in the United States is a return to labor. This course applies the fundamentals of microeconomic and macroeconomic analysis to important decisions that people make in labor markets. From an employee's perspective, questions include: Should I work in exchange for a wage? If so, how much? How will my work affect my lifestyle and family decisions? Should I go to school to improve my skills? From an employer's perspective, questions include: Should I hire workers? If so, how many? How should I pick workers out of a pool of applicants? What techniques should I use to provide incentives for these workers? Many of the answers to these questions require complex analysis and an understanding of the impact of government policy on the workplace. The course explores a variety of public policy issues such as minimum wage programs, government welfare programs, workplace regulatory requirements, Title IX, immigration, and the union movement. Previously EC 0224.

**ECON 3225 Applied Environmental Economics****3 Credits**

**Attributes:** EVME Environmental Studies Major Elective, EVPE

Environmental Studies Elective, EVSS Environmental Studies: Social Science, PJST Peace and Justice Studies

**Prerequisites:** ECON 1011, ECON 2120.

This in-depth examination of the economic tools used in environmental economics and policy-making builds on basic environmental economic concepts and provides the opportunity to put those concepts into practice. The course explores common externalities and market failures in the United States and analyzes governmental policies used to control them. Previously EC 0225.

**ECON 3230 Comparative Economic Systems****3 Credits**

**Attributes:** ANMC Asian Studies Elective, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective, RECS Russian, Eastern European, and Central Asian Studies, WDIV World Diversity

**Prerequisite:** ECON 1011 or ECON 1012.

Is communism dead? Is capitalism the only real economic system left? This course explores the various economic systems that are used to distribute resources, i.e., to decide 'who gets what' in a nation's economy. The course considers the differences between alternative distribution mechanisms, what it means to transition from one system to another, and how these economic decisions are affected by political and national realities. Because there are so many international alternatives to be explored, each semester focuses on an economic region of the globe: Asia, Eastern Europe and Central Asia, Africa, or Latin America. This course, where appropriate, is available for credit in international studies or area studies programs. Previously EC 0230.

**ECON 3231 International Trade****3 Credits**

**Attributes:** INEL International Studies / International Business Elective

**Prerequisite:** ECON 1011.

This course covers international trade theory, U.S. commercial policy (tariffs, quotas), common markets, trade with and among developing nations, balance of payments disequilibria, and multinational enterprises. Previously EC 0231.

**ECON 3233 International Economic Policy and Finance****3 Credits**

**Attributes:** INEL International Studies / International Business Elective

**Prerequisite:** ECON 1012.

This course explores international financial relations. Topics include the international monetary system, exchange rate systems, balance of payments adjustment mechanisms, and changes in international finance relations. It treats theoretical concepts and considers governmental policy approaches to the various problems. Previously EC 0233.

**ECON 3235 Economic Development****3 Credits**

**Attributes:** ANMC Asian Studies Elective, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective, WDIV World Diversity

**Prerequisites:** ECON 1011, ECON 1012; or INST 1053.

This course considers the nature and causes of problems facing low-income nations, with a focus on the impact that various economic policies have on promoting economic development. Previously EC 0235.

**ECON 3237 Fair Trade and Microfinance****3 Credits**

**Attributes:** BUEL Business Elective, INEL International Studies / International Business Elective, LCEL LACS Minor: Elective

**Prerequisites:** ECON 1011, ECON 1012.

Fair trade and microfinance are two very important trends aiding the development of poor countries around the world. In this project-based course, will learn about the challenges of producing and distributing fair trade products, bringing them to market, and accessing funding to pay for expanding one's business or materials to increase production. Previously EC 0237.

**ECON 3244 Behavioral Economics****3 Credits**

**Prerequisites:** ECON 1011, ECON 1012.

This course is an introduction to behavioral economics: incorporating insights from psychology into economics. Though behavioral economics is a relatively new field, it has already led to one Nobel Prize and is beginning to have a huge impact in finance, marketing, management, industrial organization, psychology, political science, and philosophy. In this course, we will study how behavioral economists explain a range of psychological and social phenomena, and how those explanations differ from standard economic ones. Likely topics include drug use, sex, crime, gambling, over-eating, overconfidence and procrastination. In particular, we will study various ways in which (apparent) irrationality influences people's judgment and decision-making.

**ECON 3250 Industrial Organization and Competitive Strategy****3 Credits**

**Prerequisite:** ECON 1011.

Using microeconomic theory, this course examines the economic behavior of firms and industries, identifying factors affecting the competitive structure of markets and using these structural characteristics to evaluate the efficiency of resource use. Topics include mergers, measures of concentration, pricing, entry barriers, technological change, and product development. Previously EC 0250.

**ECON 3252 Urban Economics****3 Credits**

**Prerequisites:** ECON 1011, ECON 1012.

This course analyzes the development of modern urban areas by applying the tools of economic analysis to their problems. Topics include transportation, housing, and the provision and financing of public services. Previously EC 0252.

**ECON 3270 Engineering Economics****3 Credits**

**Prerequisite:** ECON 1011.

Engineering projects must be analyzed based upon their technical soundness, but also upon their ability to attract investment dollars in a market economy. This course prepares engineering students to apply microeconomic, financial, and statistical methods as they analyze the economic feasibility of projects. Students will learn about capital budgeting, risk and uncertainty, demand analysis, production and cost modeling, and linear programming. They will apply Excel and other computer-based simulations to analyze data. The goal of the course is ultimately to provide the student with the economic decision-making skills they need to plan, design, and finance engineering projects. Previously EC 0270.

**ECON 3275 Managerial Economics****3 Credits**

**Prerequisite:** ECON 1011.

This course prepares economics and business students to apply microeconomic, financial, and statistical methods as they analyze the economic feasibility of projects. Students will learn about capital budgeting, risk and uncertainty, demand analysis, regression analysis, production and cost modeling, and linear programming. They will apply Excel and other computer-based simulations to analyze data. The goal of the course is ultimately to provide students with the economic decision-making skills they need to plan, design, and finance projects, and to understand how various divisions of a firm must work together to achieve goals. Previously EC 0275.

**ECON 3276 Public Finance****3 Credits**

**Prerequisites:** ECON 1011, ECON 1012.

This course examines government expenditure and tax policies with an emphasis on evaluation of expenditures; the structure of federal, state, and local taxes; and the budget as an economic document. Previously EC 0276.

**ECON 3278 Economic Statistics****3 Credits**

**Attributes:** EVAP Environmental Studies: Applied Professional Skills

**Prerequisites:** ECON 1011, ECON 1012.

This course introduces students to descriptive statistics, probability theory, discrete and continuous probability distributions, sampling methods, sampling distributions, interval estimation, and hypothesis testing. A weekly lab provides opportunities for active exploration and application of course concepts. Previously EC 0278.

**ECON 3278L Economic Statistics Lab****1 Credit**

**Corequisite:** ECON 3278.

In this lab, students actively engage in the science of statistics. Activities include lectures on mathematical methods, advanced problem-solving projects, collaborative teamwork experiences, and computer applications appropriate to statistical analysis. Note: This lab is required of all students pursuing the BS in economics; it is not required for students earning the BA. Previously EC 0278L.

**ECON 3290 Mathematical Economics****3 Credits**

**Prerequisites:** ECON 1011, ECON 1012, MATH 1016.

This course applies mathematical models and concepts to economic problems and issues. Mathematical techniques include calculus and matrix algebra. Economic applications include the areas of consumer theory, theory of the firm, industrial organization, and macroeconomic modeling. Previously EC 0290.

**ECON 3980 Internship****3 or 4 Credits**

Students, placed in a professional environment by the department, use economic and analytical skills acquired from their courses in a non-academic job setting. Students submit a written assignment detailing their internship experience to a faculty sponsor by the end of the term. Enrollment by permission only. Previously EC 0299.

**ECON 4305 Economic Growth****3 Credits**

**Prerequisite:** ECON 3205.

This advanced course in macroeconomics discusses the fundamental determinants of long-run economic growth. It introduces students to the theoretical tools, data, and insights required to understand why some countries are rich and others are poor from an economic perspective. In this course, students will study the role of factor accumulation and technological progress on economic growth. Students also will explore the extent to which other factors, such as geography, religion, culture, and political and social institutions, influence the process of economic growth. Previously EC 0305.

**ECON 4320 Financial Markets and Institutions****3 Credits****Prerequisite:** ECON 3210.

Topics include capital markets, financial intermediaries, equities, bonds, options, futures, security analysis, portfolio theory, and the efficient markets hypothesis. Students manage a hypothetical portfolio and use a computer model. Previously EC 0320.

**ECON 4380 Econometrics****3 Credits****Prerequisites:** ECON 1011, ECON 1012; ECON 3278 or MATH 2217.

This course introduces students to the process used to formulate theories of economic behavior in mathematical terms and to test these theories using statistical methods. The course discusses the technique and limitations of econometric analyses as well as methods available for overcoming data problems in measuring quantitative economic relationships. Previously EC 0380.

**ECON 4391 Microeconomics Seminar****3 Credits****Attributes:** LCEL LACS Minor: Elective

This seminar seeks to familiarize participants with recent developments in the discipline and sharpen research skills. Students complete a research project concerning a topic of their choice. The course includes computer applications. Enrollment by permission only. Previously EC 0397.

**ECON 4392 Macroeconomics Seminar****3 Credits**

This seminar seeks to familiarize participants with recent developments in the discipline and sharpen research skills. Students complete a research project concerning a topic of their choice. The course includes computer applications. Enrollment by permission only. Previously EC 0398.

**ECON 4990 Independent Study****1-3 Credits**

For economic majors only, this course is open to seniors by invitation or mutual agreement with the instructor. Previously EC 0298.

Matthews  
Trichur

## Professors Emeriti

Buss  
Deak  
Kelly  
Miners

## Economics Major

Economics majors in the Dolan School of Business test the claims of theory against the everyday experience of the marketplace. Courses develop reasoning capacity and analytical ability in students, while internships and service learning courses prepare students for a variety of jobs in business, finance, and government.

### Requirements

For a 45-credit major in economics, students complete the following:

Code	Title	Credits
Business Core Requirements		27
ECON 3204	Intermediate Microeconomic Theory	3
ECON 3205	Intermediate Macroeconomic Theory	3
Select four elective courses in economics <sup>1</sup>		12
Total Credits		45

<sup>1</sup> No more than two 2000-level economics courses may be counted toward the major.

## Finance

The Finance program at the Dolan School of Business is designed to develop individual competency in the financial theory and tools necessary to conduct sound financial analysis to support the financial decision-making of individuals and organizations. Through the use of lecture, case studies, and computer-based problem solving and simulation, the finance major blends financial theory and practice.

Business core coursework includes accounting and financial reporting, business organization, production and operations, management, marketing, information systems, business law, and ethics. Major courses focus on financing and investing decision-making at the level of the individual and organizations.

### Programs

- Finance Major (p. 273)
- Finance Minor (p. 273)

## Faculty

### Professors

Franceschi, *chair*  
LeClair  
Nantz  
Vásquez-Mazariegos

### Associate Professors

Aksan  
Hiller  
Lane  
Murray  
Shadmani

### Assistant Professors

Keefe

### Visiting Assistant Professors

Kibe

### Instructors of the Practice

Martin

### Lecturers

McCloghry



## Courses

### **FNCE 2101 Introduction to Finance** **3 Credits**

**Fee:** \$125 DSB Computer Lab Fee

**Prerequisites:** ACCT 1011, ECON 1011, ECON 1012, MATH 1016 or higher, sophomore standing.

This course provides the building blocks for understanding the role of finance in the domestic and international environments. Specifically, in a qualitative and quantitative manner, this course addresses the three interrelated fields of finance, namely: financial markets, investments, and business finance. Previously FI 0101.

### **FNCE 2190 Personal Finance** **3 Credits**

This course for non-majors covers financial decision-making from a personal standpoint. The course examines investments including stocks, bonds, housing purchases, and mutual funds with an emphasis on the elementary financial principles of risk and return. Other topics include life, health, and other insurance needs, and pension and estate planning. Previously FI 0190.

### **FNCE 2980 Internship** **1 Credit**

**Prerequisite:** Sophomore standing.

Students may take up to two semesters of a department-approved internship. Students must have a GPA of 2.5 or higher. Previously FI 0393-0394.

### **FNCE 3200 Global Capital Markets** **3 Credits**

**Attributes:** INEL International Studies / International Business Elective

**Prerequisites:** FNCE 2101, junior standing.

This course surveys a variety of financial instruments, institutions, and markets from a global perspective and covers the relationship between financial intermediaries and central banks. Students review the use of traditional and new financial instruments in the context of the specific markets they serve. Previously FI 0200.

### **FNCE 3210 Principles of Investment** **3 Credits**

**Prerequisites:** FNCE 2101, junior standing.

This course offers a general view of the operation of security markets and the factors that influence security prices. Further, it includes basic analysis and valuation of stocks, bonds, options, and futures. The course also provides an introduction to the tools and techniques that can be used to measure performance, manage risk, and construct efficient portfolios. Previously FI 0210.

### **FNCE 3215 Financial Management** **3 Credits**

**Prerequisites:** FNCE 2101, junior standing.

This course examines the role of financial managers in the context of the firm. The course covers the theory and operationalization of the major financial decisions faced by financial managers. Major topics include optimal financial decision-making, capital budgeting, financing, and cash distribution decisions within the framework of firm value maximization. Previously FI 0215.

### **FNCE 3980 Internship** **3 Credits**

**Prerequisite:** Junior standing.

Students may take up to two semesters of a department-approved internship. Students must have a GPA of 2.5 or higher. Previously FI 0391-0392.

### **FNCE 4240 International Financial Management** **3 Credits**

**Attributes:** INEL International Studies / International Business Elective

**Prerequisite:** FNCE 3215.

This course deals with the international aspects of corporate finance. Topics include foreign exchange with emphasis on exchange rate determination, exchange rate risk management, international money and capital markets, international capital budgeting, cost of capital, and international trade financing. Previously FI 0240.

### **FNCE 4300 Seminar in Fixed Income** **3 Credits**

**Prerequisite:** FNCE 3210 or FNCE 3215.

This course provides an in depth analysis of fixed income securities and markets. The primary focus of the course is the analysis and valuation of fixed income securities. The course also provides an overview of fixed income markets and an introduction to fixed income portfolio management. Topics to be discussed include interest rate exposure (duration and convexity), credit risk analysis, hedging with swaps and futures, and the term and credit structure of interest rates. Previously FI 0300.

### **FNCE 4305 Financial Trading and Strategic Simulations** **3 Credits**

**Attributes:** BUEL Business Elective, FIEL Finance Elective

**Prerequisites:** FNCE 3210, FNCE 3215.

In this course, students will be introduced to the forces at work that create a market for various types of financial securities. The emphasis of the course will be to understand the microstructure of financial markets and to investigate the risks and returns of various trading strategies. Students who complete the course satisfactorily will be able to design and execute trading strategies with a firm understanding of their potential outcomes. Previously FI 0305.

### **FNCE 4310 Portfolio Analysis** **3 Credits**

**Prerequisite:** FNCE 3210.

This course deals with the principles and applications of modern portfolio theory from the point of view of both the institutional and the individual investor. More specifically, the course analyzes portfolio objectives, efficient portfolio construction, performance evaluation, and portfolio risk management using derivatives. Previously FI 0310.

### **FNCE 4315 Futures and Options Markets** **3 Credits**

**Prerequisite:** FNCE 3210.

This course deals with options and futures on financial assets, as well as commodities. The course covers the basic uses of these instruments and the various pricing methodologies based on equilibrium conditions. Previously FI 0315.

### **FNCE 4320 Financial Modeling** **3 Credits**

**Prerequisite:** FNCE 3210 or FNCE 3215.

In this course, students will build financial models in a spreadsheet environment. Emphasis is placed on the use of financial models to conduct quantitative analysis and aid in decision making using advanced spreadsheet analytical tools and commands including simulation. The modeling assignments cover a wide range of topics in corporate finance and investment topics. The course requires group work and a final project. Previously FI 0320.



**FNCE 4325 Seminar in Real Estate****3 Credits****Attributes:** FIEL Finance Elective**Prerequisite:** FNCE 3210 or FNCE 3215.

This course provides an in depth analysis of real estate debt and equity markets. Both primary and secondary markets will be studied. The course will cover the following topics: analysis of real estate markets; valuation of residential and commercial real estate; investment and financing of residential and commercial real estate property; application of financial mathematics to the calculation of payment streams, outstanding loan balances, equity returns and other basic financial measurements; secondary mortgage market securitization and the market for residential and commercial mortgage backed securities; Real Estate Investment Trusts. Previously FI 0325.

**FNCE 4330 Case Studies in Finance****3 Credits****Prerequisites:** FNCE 3210, FNCE 3215, senior standing.

This course examines and applies the principles developed in financial management and investments in a domestic and international context with the objective of integrating finance practice and theory using case studies. Previously FI 0330.

**FNCE 4390 Seminar in Finance****3 Credits****Attributes:** FIEL Finance Elective

This course involves contemporary or specialized topics in finance . Seminars are open to finance majors only; prerequisites may vary. Previously FI 0397-0398.

**FNCE 4990 Independent Study****3 Credits**

This course offers students the opportunity for independent study in contemporary or specialized topics in finance. Independent studies are open to finance majors only and require senior standing and a GPA of 2.5 or higher.

Jenkins  
Parisi  
Richardson  
Van Ness

## Finance Major

Finance majors study the theory and practice of financial management and investments in the required foundation courses. The finance major builds upon a solid foundation in math and statistics, economics, and accounting. Finance electives provide for the study of more specialized topics within financial management and investments such as financial modeling, futures and options, portfolio analysis, real estate, and other specialized topics. All finance major complete a capstone experience in their final semester that synthesizes their business and finance knowledge in analyzing case studies in a wide variety of applications. The finance major prepares students to enter into a wide variety of finance positions with corporate, not-for-profit, and governmental organizations.

### Requirements

For a 45-credit major in finance, students complete the following:

Code	Title	Credits
Business Core Requirements		27
FNCE 3210	Principles of Investment	3
FNCE 3215	Financial Management	3
FNCE 4330	Case Studies in Finance	3
Select three courses from the following: <sup>1</sup>		9
FNCE 3200	Global Capital Markets	
FNCE 4240	International Financial Management	
FNCE 4300	Seminar in Fixed Income	
FNCE 4305	Financial Trading and Strategic Simulations	
FNCE 4310	Portfolio Analysis	
FNCE 4315	Futures and Options Markets	
FNCE 4320	Financial Modeling	
FNCE 4325	Seminar in Real Estate	
FNCE 4390	Seminar in Finance	
Total Credits		45

<sup>1</sup> At least one elective must be a 300-level course.

Note: Finance Internships do not satisfy the finance elective requirement but may be used to satisfy a free elective requirement.

## Finance Minor

This minor offers students the opportunity to complement their major by studying financial theory and its application to decision-making. The investment and financing decisions of organizations are emphasized.

For a 15-credit minor in finance, students complete the following:

Code	Title	Credits
FNCE 2101	Introduction to Finance	3
FNCE 3210	Principles of Investment	3
FNCE 3215	Financial Management	3

## Faculty

### Professors

Conine  
Koutmos

### Associate Professors

Bardos  
Hlawitschka  
Martinez  
McDermott, *chair*  
McDonald  
Zhang

### Assistant Professors

Alan  
Kozlowski  
Puleo

### Instructors of the Practice

Looby

### Lecturers

Faucheaux  
Gangwani  
George  
Harrity

Select two courses from the following:	6
FNCE 3200 Global Capital Markets	
FNCE 4240 International Financial Management	
FNCE 4300 Seminar in Fixed Income	
FNCE 4305 Financial Trading and Strategic Simulations	
FNCE 4310 Portfolio Analysis	
FNCE 4315 Futures and Options Markets	
FNCE 4320 Financial Modeling	
FNCE 4325 Seminar in Real Estate	
Total Credits	15

## Information Systems and Operations Management

You have heard the buzzwords: Business Analytics, Big Data, Artificial Intelligence, Machine Learning. Did you know that today's leading companies use them to make business decisions on a daily basis? Through the majors and minors offered by the Information Systems and Operations Management Department, students will learn about these modern tools and apply them to various business scenarios in the areas of finance, marketing, accounting, and management. Our flagship major, Business Analytics, for example, is currently one of the hottest areas in any business segment. The major was intelligently designed by our experienced faculty to complement your existing major through exposure to various data analysis tools and apps.

Our courses offer students valuable hands-on experience, and most include a semester-wide team project, which can involve real organizations as clients. Coursework includes business analytics methods, database systems, business intelligence, data mining, systems analysis and design, and project management. We encourage you to explore the future of business with us now!

### Programs

- Business Analytics Major (p. 276)
- Business Analytics Minor (p. 276)
- Information Systems Major (p. 276)
- Information Systems Minor (p. 276)
- Accounting Information Systems Minor (p. 277)

### Courses

#### BUAN 2101 Business Analytics 3 Credits

**Prerequisites:** MATH 2217, sophomore standing.

This course introduces basic skills necessary for business analytics such as data analysis and preparation, probability and statistical modeling, data-driven decision making, and persuasion/storytelling with data. Spreadsheets are used as the platform for conducting analyses, performing statistical calculations, and presenting results.

#### BUAN 2980 Internship 1 Credit

**Prerequisite:** Sophomore standing.

Students may take up to two semesters of a department-approved internship. Students must have a GPA of 2.5 or higher.

#### BUAN 3210 Business Analytics Methods 3 Credits

**Prerequisites:** BUAN 2101, junior standing.

This course focuses on quantitative modeling and analyzing business problems using spreadsheet software such as Excel, and data visualization software such as Tableau. Topics include descriptive analytics, visualizing and exploring data, predictive modeling, regression analysis, time series analysis, portfolio decisions, risk management, and simulation. Business models relevant to finance, accounting, marketing, and operations management are set up and solved, with managerial interpretations and 'what if' analyses to provide further insight into real business problems and solutions. Previously IS 0210.

#### BUAN 3235 Python Applications for Business Analytics 3 Credits

**Prerequisite:** BUAN 3210.

This course introduces students to business analytics using Python. Students should gain a fundamental understanding of how analytics can be done using Python. Business problems will be used for assignments and projects. Technical topics include reading/writing to files, data types, variables, simple control logic, loops, strings, lists, dictionaries, functions, and structure. Previously IS 0235.

#### BUAN 3260 Database Systems 3 Credits

**Prerequisite:** BUAN 2101.

The course begins by covering fundamental database concepts, such as data models, and then moves on to design concepts such as entity-relationship modeling. This essential background leads to in-depth study and hands-on use of the Structured Query Language (SQL) for defining, manipulating, accessing and managing data. A comprehensive semester-wide team project gives students an opportunity to bring together several database design and implementation concepts. Previously IS 0260.

#### BUAN 3980 Internship 3 Credits

**Prerequisite:** Junior standing.

Students may take up to two semesters of a department-approved internship. Students must have a GPA of 2.5 or higher.

#### BUAN 4310 Business Intelligence 3 Credits

**Prerequisites:** BUAN 3210, BUAN 3260.

Business Intelligence (BI) is an umbrella concept covering the processes and methods of collecting, storing, and analyzing data generated from business operations or activities to make informed business decisions. Disparate industries, such as retail, healthcare, and education, have adopted BI for various decision support purposes. Since data in today's business environments is vast in volume and grows at a fast pace, utilizing computerized technologies helps managers make fact-based decisions to support business operations. This course provides an introduction to the use of business intelligence and data visualization in organizations, with emphasis on how data is gathered, stored, analyzed, and used. Topics covered include business intelligence, data warehousing, data visualization, and business reporting.

#### BUAN 4315 Data Mining and Applications 3 Credits

**Prerequisites:** BUAN 3210, BUAN 3260.

This course provides students with a practical understanding of data mining, applications, techniques, and tools, with a specific focus on business analytics. The pillars of the data mining process (data collection/extraction and mining) are demonstrated with real world examples. Applications of these techniques and tools to different areas are covered. A semester-wide team project provides students with hands-on experience to bring together data mining concepts learned. Previously IS 0315.

**BUAN 4999 Business Analytics Capstone****3 Credits****Prerequisite:** Senior standing.

This course is the capstone for the business analytics major. Students collaborate on different types of analytical projects of varying scope and complexity. Each student acquires and applies specialized technical and managerial expertise as required for completing the projects. The capstone projects will be real-world, client-oriented, and faculty-guided applications. Supplementary instruction in analytical project design, development, and evaluation is provided on an as-needed basis within the context of the project work. Previously IS 0395.

**ISOM 2100 Introduction to Information Systems****3 Credits**

This course helps students understand the role of information systems in the contemporary business environment. It introduces them to the use of information systems concepts and techniques in solving a wide range of business problems. Working in small teams, students develop, analyze, and present solutions to a business problem using information technology. Previously IS 0100.

**ISOM 2101 Operations Management****3 Credits**

**Prerequisites:** ECON 3278 or MATH 1017 or MATH 2217; sophomore standing.

This course provides the primary exposure to service and manufacturing operations management within the business core curriculum. Topics include process modeling, quality management and control, decision analysis, capacity planning, supply chain management, and project planning and control. Special attention is given to showing how concepts and models presented in lectures and readings apply to real-world business situations. Examples of international operations are studied, and ethical issues are explored within the context of decisions such as where to locate facilities. Previously OM 0101.

**ISOM 2135 Fundamentals of Web Design****3 Credits**

Students learn the theory and practice of front-end web design. Theoretical content will primarily focus on website design, with a heavy emphasis on developing sites that conform to standards and are responsive to the needs of practical applications and mobile devices. Hands-on work will help develop technical skills, such as HTML, CSS, XML, and other web client technologies. Students will learn to use a professional-quality toolset and to follow generally accepted best practices. The course includes weekly web-programming assignments and a semester project. Previously IS 0135.

**ISOM 2140 Project Management****3 Credits**

**Prerequisite:** ECON 3278 or MATH 1017 or MATH 2217.

This course introduces students to project management and its role in business operations, with applications in such functional areas as accounting, finance, information systems, management, and marketing. Topics include the linkage between projects and organizational strategy, project planning and scheduling, project development and implementation, applying best practices and tools, evaluation methodologies and control techniques, and critical success factors. Special attention is given to showing how concepts and models presented in lectures and readings apply to real-world projects. Previously OM 0140.

**ISOM 2980 Internship****1 Credit**

**Prerequisite:** Sophomore standing.

Students may take up to two semesters of a department-approved internship. Students must have a GPA of 2.5 or higher. Previously IS 0393-0394.

**ISOM 3240 Systems Analysis and Logical Design****3 Credits**

**Prerequisite:** BUAN 2101.

Common wisdom dictates, 'You can't get a job without experience, and you can't get experience without a job.' While having experience helps tremendously in obtaining a job, one can get experience without a job, and that is the goal of this course. In this course, students will attempt to work on a live project with real clients, preferably a client with social goals, i.e., they aim to make a positive impact on the world by helping the less privileged, either directly or indirectly. Working on a real, live project, and interacting with real clients will teach students several of the skills they need as a systems analyst. As the course progresses, students will learn about requirements elicitation, and several diagramming techniques to analyze the system that will be built. Previously IS 0240.

**ISOM 3980 Internship****3 Credits**

**Prerequisite:** Junior standing.

Students may take up to two semesters of a department-approved internship. Students must have a GPA of 2.5 or higher. Previously IS 0391-0392.

**ISOM 4310 E-Business Applications****3 Credits**

**Attributes:** INEL International Studies / International Business Elective

**Prerequisite:** BUAN 3260 or ISOM 3240.

This course examines e-business applications such as knowledge management, enterprise resource planning (ERP), customer relationship management (CRM), and mobile applications in inter-organizational, national, and global business environments. Students explore new e-business applications, the economics of e-business, value chains and value networks, related legal and ethical issues, information privacy and security, disaster planning and recovery, and the impact of emerging e-business and mobile applications. The course includes a brief introduction to technical architecture, technology, solutions, and financing required for effective e-business applications. Students investigate emerging opportunities, challenges, and trends through interactive team exercises, case studies, and individual research projects and presentations. Previously IS 0310.

**ISOM 4320 Systems Design and Implementation****3 Credits**

**Prerequisites:** BUAN 3260, ISOM 3240.

Students work in collaborating teams to design and build a networked information system. Emphasis is placed on development as an ongoing iterative and incremental process. Standard CASE tools, design patterns, and business practices are used to ensure proper communication and integration across development teams. Previously IS 0320.

**ISOM 4990 Independent Study****3 Credits**

Students pursue topics of special interest through independent study, research, and/or completion of an information systems project under the supervision of a full-time faculty member. The department chair and dean must approve the work. The student and a faculty project advisor who agrees to conduct the work according to a mutually agreeable schedule must complete an application form. Once the form is completed and submitted to the registrar, the student may register for the course. If any work is expected to occur at any time other than the semester registered, students must obtain the approval of the faculty project advisor and the department chair prior to commencing of any work. Normally, students will complete at least two advanced information systems courses before taking this course. Previously IS 0399.

# Faculty

## Professors

He

## Associate Professors

Huntley  
Lee, P.  
Ozcelik, *chair*  
Vinekar

## Assistant Professors

Tao

## Lecturers

Brown  
Bruck  
Lewis  
McCabe  
Remediani

## Business Analytics Major

Business Analytics is an application of new methods and insights to business problems using data, apps, statistical models, artificial intelligence, and machine learning. A variety of industries need capable individuals who can take on positions to collect, analyze, and interpret data in order to make sound business decisions. Being a popular field among recruiters, the Business Analytics major was intelligently designed by our experienced faculty to complement your existing major through exposure to various data analysis tools and apps.

# Requirements

For a 45-credit major in business analytics, students complete the following:

Code	Title	Credits
Business Core Requirements		27
BUAN 3210	Business Analytics Methods	3
BUAN 3260	Database Systems	3
BUAN 4310	Business Intelligence	3
BUAN 4315	Data Mining and Applications	3
BUAN 4999	Business Analytics Capstone	3
Select one elective course in BUAN or ISOM		3
Total Credits		45

Students must maintain at least a 2.5 average in all business analytics and information systems major courses.

## Business Analytics Minor

Business analytics focuses on developing new insights and understanding for solving business problems based on data and statistical techniques, which complements the other disciplines within the school. Business analytics refers to the skills, technologies, applications and practices for continuous iterative exploration and

investigation of past business performance to gain insight and drive business planning.

Student earn a 15-credit business analytics minor by completing the following:

Code	Title	Credits
BUAN 2101	Business Analytics	3
BUAN 3210	Business Analytics Methods	3
BUAN 3260	Database Systems	3
BUAN 4315	Data Mining and Applications	3
Select one elective course in BUAN or ISOM		3
Total Credits		15

## Information Systems Major

The Information Systems major prepares students to design and deliver business solutions that integrate people, processes, and technology. Students learn to:

- identify and analyze business opportunities
- acquire and assess business solutions
- lead and facilitate strategic initiatives
- enable informed decision making
- manage relationships with technology providers and customers

Information Systems majors study the analysis, design, development, and management of information systems in organizations. They develop an understanding of the need for information, its use in the decision-making process, and the procedures by which information is provided to management.

# Requirements

For a 45-credit major in information systems, students complete the following:

Code	Title	Credits
Business Core Requirements		27
BUAN 3210 or ISOM 4310	Business Analytics Methods E-Business Applications	3
BUAN 3260	Database Systems	3
ISOM 3240	Systems Analysis and Logical Design	3
ISOM 4320	Systems Design and Implementation	3
Select two additional elective courses in BUAN or ISOM		6
Total Credits		45

Students must maintain at least a 2.5 average in all information systems and business analytics major courses.

## Information Systems Minor

This minor complements the other disciplines within the school. It provides students with the knowledge and skills to actively participate in the design and delivery of integrated business solutions in their major field.

Students earn a 15-credit minor in information systems by completing the following:

Code	Title	Credits
BUAN 2101	Business Analytics	3
BUAN 3210	Business Analytics Methods	3
BUAN 3260	Database Systems	3
ISOM 3240	Systems Analysis and Logical Design	3
Select one additional elective course in BUAN or ISOM		3
Total Credits		15

## Accounting Information Systems Minor

The accounting information systems minor highlights the impact of technology and business analytics on the accounting profession as well as the regulatory and internal control issues associated with accounting information.

For an 18-credit minor in accounting information systems, students must complete the following:

Code	Title	Credits
ACCT 1011	Introduction to Financial Accounting	3
ACCT 2203	Intermediate Accounting I	3
ACCT 2265	Accounting Information Systems	3
BUAN 2101	Business Analytics	3
BUAN 3210	Business Analytics Methods	3
BUAN 3260	Database Systems	3
Total Credits		18

Accounting majors may double count ACCT 2203 for the accounting major and the accounting information systems minor. Information systems majors may double count BUAN 3210 for the information systems major and the accounting information systems minor. Accounting information systems minors may not declare a second minor in accounting or information systems.

## International Business

The International Business program at Fairfield University draws from interdisciplinary faculty in both the Dolan School of Business and the College of Arts and Sciences to prepare students for the challenges of business in a global context. Students explore geography, economics, politics, anthropology, and more as they learn to productively engage various forms of diversity and pursue business and economic development across a variety of social and environmental contexts. Each International Business major chooses a co-curricular minor (or major) in the Dolan School of Business.

### Programs

- International Business Major (p. 277)

## Courses

### International Business

**INBU 1054 Contemporary Issues Affecting the Global Business**

**Environment**

**3 Credits**

**Attributes:** INEL International Studies / International Business Elective

**Prerequisites:** ECON 1011, ECON 1012; or INST 1053.

This course introduces students to contemporary issues facing businesses that operate in the global market. Students will learn about the changing global business environment on a macro-level. The course focuses on the evolving rhetoric surrounding international trade and its impact on business activity, the flow of investment to developing countries and emerging markets, and the status of global and regional integration and/or potential disintegration. Through the study of these current real-world topics in international business, students will learn about challenges and opportunities of doing business in an interconnected global environment while working with international organizations, local governments, and global competitors. Previously IL 0154.

### International Studies

See International Studies (p. 148) in the College of Arts and Sciences.

## Faculty

### Director

Crawford (Sociology and Anthropology)

### Associate Director

Deeg-Carlin

### Coordinating Committee

Babo (Sociology and Anthropology)

Bhattacharya (Management)

Franceschi (Economics)

Garcia Iommi (Politics)

Jones (Sociology and Anthropology)

Keefe (Economics)

Leatherman (Politics)

Martinez (Finance)

McFadden (History)

Micu, C. (Marketing)

Strauss (Management)

Vasquez Mazariegos (Economics)

Zhang (Communication)

### Ex-Officio

McAloon (Business)

## International Business Major

Students of International Business begin with coursework in geography, economics, anthropology, and international relations. They then choose electives to deepen their understanding of particular areas of interest, and finally complete their degree by synthesizing their coursework into a senior research project. Electives may be taken from any of outlined thematic areas, including Global Development; Conflict, Diplomacy, and



Peace building; or Social Justice and Humanitarianism. Courses selected for a student's minor (or major) in the Dolan School of Business should also be applied to the research project. Popular electives include classes on multinational organizations, international politics, regional trade pacts, international finance and currency issues, managing a global workforce, and more. Students should work with their adviser beginning in junior year to prepare for their final project.

## Co-Curricular Business Requirement

Students pursuing the major in International Business are required to complete a co-curricular minor (or major) in the Dolan School of Business.

## Complementary Studies and International Opportunities

The International Studies Program reinforces multidimensional learning with real-world experience through foreign language studies, service learning, Model United Nations, the Undergraduate Journal of Global Citizenship, the International Business/International Studies Club, international internships and study abroad opportunities, and through work with our faculty on research projects and as student teaching assistants. Therefore students are expected to engage in one or more of these forms of experiential learning.

## Graduation with Honors

Fairfield University has a campus chapter of Sigma Iota Rho, the national honor society for international studies. Students must have attained a junior standing and completed at least twenty-one hours of course work toward the International Studies or International Business major, or nine hours towards the International Studies minor. Students with an overall GPA of 3.30 or greater and a GPA of 3.40 or higher in their International Studies or International Business major are nominated for membership.

## Requirements

For a major in International Business, students complete the following:

Code	Title	Credits
Business Core Requirements		27
INST 1050	People, Places, and Global Issues	3
INST 1051	Introduction to International Relations	3
INST 1052	Culture and Political Economy	3
Choose two electives from any of the three thematic areas		6
INST 4999	Senior Capstone Seminar	3
Total Credits		45

International Business courses completed abroad must be pre-approved by the Assistant Dean of the Dolan School of Business and the Director of International Studies.

## International Studies and International Business Electives

Code	Title	Credits
<b>Global Development</b>		
ANTH 1115	Cultures of Africa	3
ANTH 1120	Islamic Societies and Cultures	3

ANTH 2015	Refugees and Culture	3
ANTH 3710	Theory and Practice in Anthropology	3
COMM 2241	Communication and Culture: East and West	3
ECON 3230	Comparative Economic Systems	3
ECON 3231	International Trade	3
ECON 3233	International Economic Policy and Finance	3
ECON 3235	Economic Development	3
ECON 3237	Fair Trade and Microfinance	3
FNCE 3200	Global Capital Markets	3
FNCE 4240	International Financial Management	3
HIST 2284	20th Century Russia	3
HIST 2285	Modern China: 1800 to Present	3
HIST 2289	Modern Latin America, 1800-Present	3
HIST 3366	Gender, Culture, and Representation: Women in China and Japan, 1600 to Present	3
INBU 1054	Contemporary Issues Affecting the Global Business Environment	3
INST 3980	Internship	3
INST 3990	Independent Study	3
ISOM 4310	E-Business Applications	3
MGMT 4350	International Law	3
MGMT 4390	Cross-Cultural Management	3
MKTG 3312	Global Marketing	3
POLI 2253	Latin American Politics	3
POLI 2255	Middle East Politics	3
POLI 2259	The Development Gap	3
POLI 2474	International Environmental Policies	3
POLI 2477	Globalization	3
POLI 4304	Seminar on Global Environmental Politics	3
SOCI 1145	Globalization	3
SOCI 1160	Contemporary Latin American and Caribbean Society	3
SOCI 1165	Social Change in Developing Nations	3
<b>Conflict, Diplomacy, and Peace Building</b>		
AETH 2293	Ethics of War and Peace	3
ANTH 3710	Theory and Practice in Anthropology	3
COMM 2240	Intercultural Communication	3
HIST 2251	The American Century: The United States and the World Since 1900	3
HIST 2265	History of the Indian Subcontinent: Colonialism, Nationalism, and Democracy, c.1857 to Today	3
HIST 2273	History and Culture of Central and Eastern Europe Since 1945	3
HIST 2274	Historical Perspectives on Contemporary Global Crises	3
INST 2471	United Nations Security Council Crisis Simulation	3
INST 3980	Internship	3
INST 3990	Independent Study	3
MGMT 4360	Negotiations and Dispute Resolution	3
PHIL 2263	The Concept of Human Rights	3
POLI 2251	Islam and Muslim Politics	3

POLI 2252	African Politics	3
POLI 2257	Northern Ireland: Politics of War and Peace	3
POLI 2258	Political Violence	3
POLI 2476	United States Foreign Policy	3
POLI 2478	International Law	3
POLI 2479	Threats to Global Security in the 21st Century	3
POLI 4303	Gender, War, and Peace	3
SOCI 1155	Sociology of Europe	3
<b>Humanitarianism and Social Justice</b>		
ANTH 1125	Sex, Gender, and Sexual Orientation	3
ANTH 2100	Culture and Inequality	3
ANTH 3700	Grant Writing for the Social Sciences	3
ANTH 3710	Theory and Practice in Anthropology	3
ECON 2120	Introduction to Environmental Economics	3
HIST 2270	History of Global Humanitarian Action	3
INST 2150	International Operations of Non-Profits	3
INST 2481	International Human Rights	3
INST 3980	Internship	3
INST 3990	Independent Study	3
LCST 3301	Justice and the Developing World	4
MGMT 4370	Managing Non-Profit Organizations	3
MGMT 4385	Managing People for Global Business	3
PHIL 2263	The Concept of Human Rights	3
POLI 1102	Introduction to Comparative Politics	3
POLI 2331	Introduction to Peace and Justice	3
POLI 2472	Politics of Humanitarian Action	3
POLI 2480	Border Politics	3
RLST 2335	Liberation Theology	3
SOCI 1150	Introduction to International Migration	3

## Plan of Study

### Suggested Course of Study

Course	Title	Credits
<b>First Year</b>		
ECON 1011 & ECON 1012	Introduction to Microeconomics and Introduction to Macroeconomics	6
	Credits	6
<b>Second Year</b>		
INST 1050	People, Places, and Global Issues	3
INST 1051	Introduction to International Relations	3
INST 1052	Culture and Political Economy	3
	Credits	9
<b>Third Year</b>		
INST 1050 or INST 1052	People, Places, and Global Issues (if not taken previously) or Culture and Political Economy	3
Select 2 electives from the thematic areas		6
	Credits	6
<b>Fourth Year</b>		
Complete any remaining electives from the thematic areas		

INST 4999	Senior Capstone Seminar	3
	Credits	3
	Total Credits	24

## Management

The management program in the Dolan School of Business offers an innovative experience in the areas of leadership, strategic planning and decision-making in business organizations. Management theory is linked to the realities of the business world through case studies, field work, research projects and internships. Students are given the option to choose from four concentrations: business and society, entrepreneurship, hospitality and tourism management, or human resource management.

Our faculty is composed of business professionals and scholars. Their experience offers a connection between the practice and theory of the profession. As a major in the program, students will build a foundation of modern business experience and relevant theory to understand the behavioral, social, and environmental factors that impact performance. Throughout, students will learn the nature of management and the relationship between business and society.

## Programs

- Management Major (p. 283)
  - Concentration in Business and Society
  - Concentration in Entrepreneurship
  - Concentration in Hospitality and Tourism Management (in collaboration with Florence University of the Arts)
  - Concentration in Human Resources
- Business Law and Ethics Minor (p. 284)
- Entrepreneurship Minor (p. 284)
- Management Minor (p. 284)
- Sports Leadership and Management Minor (p. 285)

## Courses

### MGMT 2101 Introduction to Management 3 Credits

**Prerequisite:** Sophomore standing.

This course integrates, through theory and its application, the various topics, concepts, and modalities that make up the Management discipline. Its purpose is twofold: 1) to provide all business students with a strong grounding in how individuals and organizations function to support the strategic goals of business, and 2) to provide a foundation for further study by management majors and minors. The course introduces students to team/group work; the relationship of business to local, national, and global communities; the ethical implications of business decisions and models; organizational behavior; human resource management; leadership and organizational culture. Previously MG 0101.

### MGMT 2980 Internship 1 Credit

**Prerequisite:** Sophomore standing.

Students may take two semesters of internship, approved by the department. Students must have a GPA of 2.5 or higher. Enrollment by permission only. Previously MG 0393-0394.

**MGMT 3235 Managing Human Resources****3 Credits****Prerequisite:** Junior standing.

This course introduces students to how effective management of people can contribute to firm performance and competitive advantage. The course explores human resource management activities: human resource planning, recruiting, selection, training, performance appraisal, compensation, and labor relations. Through extensive use of cases, simulations, and exercises, students actively learn to implement various human resource management strategies to better serve organizational and employee interests. Previously MG 0235.

**MGMT 3240 Leading and Managing People****3 Credits****Prerequisites:** MGMT 2101, junior standing.

This course prepares students for the task of leading and managing people. The purpose of the course is to address advanced organizational behavior topics as well as to illuminate the research and practice associated with effective leadership. The first segment of the course reviews the leadership literature, including trait theory, aspects of leadership style, leader emergence, contingency theories, and charismatic/transformational leadership practices. The second segment involves skill practice in managing people in the areas of communication, conflict resolution, empowerment, delegation, influence, teamwork, problem solving, and diversity issues. The third and final segment explores strategic leadership from the CEO perspective, and addresses how leaders create change and transform organizations. Previously MG 0240.

**MGMT 3980 Internship****3 Credits****Prerequisite:** Junior standing.

Students may take two semesters of internship, approved by the department. Students must have a GPA of 2.5 or higher. Enrollment by permission only. Previously MG 0391-0392.

**MGMT 4300 Business Strategies in the Global Environment****3 Credits****Prerequisites:** Senior standing.

This capstone course, required for senior level students in the Dolan School of Business, integrates the business core through the concept of strategic management. It offers an opportunity for students to put together all they have learned in their discipline and to see the 'big picture' of how business organizations function. The primary goal is to prepare students to think like top managers and to understand that strategic decision-making encompasses all parts of the organization, internal and external, bringing together all disciplines of management. The course includes lectures, readings, cases, and a capstone group project. Open to matriculated business majors only. Previously MG 0300.

**MGMT 4320 Diversity in the Workplace****3 Credits****Attributes:** UDIV U.S. Diversity**Prerequisite:** Junior standing.

This course allows questions to be framed, and answers sought, with regard to the challenge of diversity in the work environment. The course uses readings, exercises, and real-world projects to formulate the following: a definition of diversity; an awareness of its impact on businesses and their managers; the identification of the challenges that diversity presents and the opportunities it allows for even more productive workplace interactions; and the necessary skills, attitudes, and patterns of critical thinking needed for effective leadership in this important area. The course presents issues in the specific real-life context of ethnic, racial, gender, and class groups. Previously MG 0320.

**MGMT 4330 Career Planning****3 Credits****Prerequisites:** MGMT 3235 or MGMT 3240; Junior standing.

This course prepares students for the job search while exploring theoretical issues in career development over the life span. Theories of career development covered include: life stage and career stage models, aspects of politics that shape careers, issues of derailment, technical career paths, gender issues in careers, mentoring, and new career models, such as the boundaryless career, the protean career, and the kaleidoscope career. Students undertake a resume revision process, develop a sample cover letter, participate in workshops on Internet job searching techniques, and practice mock interviews. An in-class session with members of the Career Planning Center is included. Students may also receive credit for a job shadowing assignment, attendance at Career Fairs, and other career-related activities. Open to management majors and minors only. Previously MG 0330.

**MGMT 4335 Entrepreneurship: Ideation and Validation****3 Credits****Attributes:** MGEL Management: General Elective, MGEN Management: Entrepreneurship Elective**Prerequisite:** Junior standing.

This course is a practical introduction to the problems, practices, and opportunities that exist for early stage startups which are examined from conception of the opportunity through customer discovery and customer validation utilizing an experiential learning approach. Participants will explore business model possibilities for a venture of their own devising. Emphasis will be placed on clear statement of hypotheses, effective testing of the problem the venture aims to address, and appropriate testing of the product/service developed to address the problem in order to develop suitable product-market fit. Student teams will assess and iterate upon business model elements including value propositions, customer segments and customer relationships, in addition to channels that may be used to interact with or deliver products/services to customers. Although the course will not cover the launch of a scalable business, student teams will undertake real-world investigation and testing to discover customer wants and needs and to validate their conception of the problems and product/service solutions that their ventures would use to address those problems. Students will also gain experience with crafting business pitches and delivering those pitches via regular in-class presentations as they hone their ventures' business models. Previously MG 0335.

**MGMT 4336 Social Entrepreneurship****3 Credits****Attributes:** MGEL Management: General Elective, MGEN Management: Entrepreneurship Elective**Prerequisite:** Junior standing.

This course examines the tremendous opportunities that exist for creating value in the social sector. Using entrepreneurial frameworks and business metrics, social entrepreneurs are effecting change in domains that markets have failed to address. The objective of this course is to sensitize students to ways that firms can influence societal outcomes while continuing to be revenue generating, self-sustaining enterprises. The primary learning strategy will be through case presentations and discussions of current social entrepreneurs and their organizations. During the term, students will develop a business plan to support a viable social enterprise. Previously MG 0336.

**MGMT 4337 Entrepreneurship: Product Development and Commercialization** **3 Credits**

**Attributes:** MGEL Management: General Elective, MGEN Management: Entrepreneurship Elective

**Prerequisite:** Junior standing.

Building upon the Business Model Canvas of Osterwalder and Pigneur and the Lean Launchpad framework of Blank, Engel, and Dorf, this course provides students the skill sets necessary to progress from basic entrepreneurial ideation and validation to formalized product development with the concomitant required business models. Mechanisms are developed for identifying markets, assessing competition in those markets, and the associated market entry strategies. Included is the identification of key resources: financial, human, and intellectual capital; as well as the associated acquisition strategies. Key partnerships are identified in the categories of strategic alliances, 'coopetition,' joint new business development efforts, and key supplier relationships. Associated with this is the investigation of the choice between physical and web/mobile channels in getting products from company to customers, and the associated strategies of customer retention and growth. Revenue and pricing models, both in the business-to-customer and business-to-business contexts are discussed in detail. Previously MG 0337.

**MGMT 4338 Managing a Family Business** **3 Credits**

**Attributes:** MGEL Management: General Elective, MGEN Management: Entrepreneurship Elective

**Prerequisite:** Junior standing.

This course provides a foundation for understanding family businesses, which represent over 80% of the world's free economies. The dynamics of first generation start-ups or multi-generational family businesses are often unique, yet tenuous to manage. Regardless of whether you are a member of the managing family or assuming a position within the firm, comprehension of the idiosyncrasies of successfully managing their complex operations is imperative. Through class discussions, case studies, articles, role plays and your research project based on auditing a locally-based family enterprise, this course will enable you to analyze and consider participating in a family business. Guest lectures from local family businesses will provide real-world application of the theories and concepts discussed in class. Previously MG 0338.

**MGMT 4339 Family Business in Italy** **3 Credits**

**Attributes:** MGEL Management: General Elective

**Prerequisite:** Junior standing.

The provinces of Italy offer a fascinating setting for the study of the family business model that forms the heart of large and small-scale businesses in Europe. This course will present an understanding of family businesses through the lens of large- and small-scale family-owned Italian businesses. Students will study generational issues in the family-driven wine-making regions of Tuscany, explore the fashion district of Milan, examine the small-scale family-run craft businesses in Florence, and contemplate the global challenges associated with this business model. The course will offer a rare opportunity to observe the nexus between entrepreneurship, family, and business, and will provide lessons in the notion of 'tempo giusto.' This faculty-led study abroad elective will begin online at Fairfield University and then move to Florence, Italy, for seven days during Spring Break. Over the course of six weeks, students will read material and take an exam on family business concepts online prior to venturing abroad, where they will examine firsthand the nature of Italian family businesses. The course will conclude with a group project paper upon our return that highlights a family business case in a particular industry. Previously MG 0339.

**MGMT 4350 International Law** **3 Credits**

**Attributes:** HASM Humanitarian Action Minor Skills/Method Course, INEL International Studies / International Business Elective, WDIV World Diversity

**Prerequisite:** Junior standing.

This course is a study of international laws, legal institutions, and the societal and cultural institutions that impact and regulate business activity throughout the world. The student is introduced to the risks of international business and how those risks differ from doing business domestically; the function and importance of public international law; the international commercial transaction and its potential problems; and the basic structure and principles of international trade law and negotiations for trade. Also discussed are the legal and ethical problems facing multinationals operating in a number of countries, including licensing and protection of international property rights, and a comparative analysis of host country employment laws. Special emphasis is placed on the developing countries and emerging markets, such as China, Russia, India, Africa, Latin America, the Middle East, and the Caribbean, with a comparative legal and cross-cultural perspective. Previously MG 0350.

**MGMT 4355 High Performance Learning Teams** **3 Credits**

**Attributes:** MGEL Management: General Elective

**Prerequisite:** Junior standing.

This course is informed by the assumption that solving complicated business problems is an innately collaborative, interdisciplinary endeavor where expert knowing invariably demands doing, with others. Accordingly, the course provides students with a laboratory experience, putting select core management themes such as leadership, decision-making, teamwork, and hands-on problem-solving literally to work unraveling a succession of increasingly complex and interconnected organizational and experiential problems. As the course unfolds, students will learn to self-monitor and self-correct, gain direct experience in peer-to-peer project planning and management, experience real-time thinking through analysis and design, work collectively, and not least, learn from reversals. Previously MG 0355.

**MGMT 4360 Negotiations and Dispute Resolution** **3 Credits**

**Attributes:** EVAP Environmental Studies: Applied Professional Skills, INEL International Studies / International Business Elective

**Prerequisite:** Junior standing.

This course builds skills in negotiating and managing disputes and explores various theories concerning negotiation styles, strategy and tactics, alternative dispute resolution, and the major legal and ethical issues in the field. The course strengthens negotiation skills, introduces the many formal and informal processes available for dispute resolution, and develops managers' ability to resolve and prevent disputes. The heart of the course is a series of experiential exercises that create opportunities to practice and develop the principles learned in the course. Previously MG 0360.

**MGMT 4370 Managing Non-Profit Organizations****3 Credits**

**Attributes:** HASM Humanitarian Action Minor Skills/Method Course, INEL International Studies / International Business Elective, MGHR Management: HR Elective

**Prerequisite:** Junior standing.

This course provides students with an understanding of the nonprofit sector and exposure to fundamentals in managing nonprofit organizations. It explores a broad range of topics including: the role of nonprofits in society, executive leadership and governance relationships in nonprofit organizations, the legal framework of nonprofits, human resource management of staff and volunteers, marketing and public relations, fundraising, budgeting and financial management, and strategic planning in the nonprofit sector. Special emphasis will be placed on leadership and the unique challenges that nonprofit leaders face in local, national, and global environments. Previously MG 0370.

**MGMT 4375 Sports Management****3 Credits**

**Prerequisite:** Junior standing.

This course examines effective and efficient management within the culture of sports organizations. It distinguishes the management requirements in sports organizations. Current issues in the various sports industries are analyzed and the actions of the industries' management are reviewed and critiqued. Different types of organizational structures are studied and their method for motivating, managing, and evaluating the performance of employees, individually and in teams, is discussed. This course also identifies effective management styles and places emphasis on the importance of sound communication skills and goal setting. The fundamental purpose of this class is to provide students with an understanding of how to apply the principles of business and/or the elements of organization to sport. Over the semester, students will have the opportunity to explore basic theories of management, human resource management, politics, finance, marketing, resource acquisition (fundraising and corporate support), sports law, broadcast properties, media and publicity, future trends in facilities as well as philosophical, sociological, and culture considerations of sport. Open to sports leadership and management minors only. Previously MG 0375.

**MGMT 4380 Performance, Compensation, and Reward****3 Credits**

**Attributes:** MGEL Management: General Elective

**Prerequisite:** Junior standing.

This course covers theories and practices for effective compensation management. Topics include strategic perspectives of compensation systems, determining pay structure, job analysis, and job evaluation, design and administration, external pay competitiveness, designing pay levels, employee contributions and individual pay, subjective performance evaluation and merit pay, alternative reward systems, employee benefits, government's role and compliance, pay discrimination, budgets and pay administration, and union role in wages and salary administration. Previously MG 0380.

**MGMT 4385 Managing People for Global Business****3 Credits**

**Attributes:** INEL International Studies / International Business Elective, WDIV World Diversity

**Prerequisite:** Senior standing.

This course recognizes the complexities of managing human resources in the global business arena. Modern-day business is characterized by the relentless pace of globalization, through formation of international collaborations, mergers, joint ventures, and the opening up of new markets such as China, India, and Eastern Europe. There has been a dramatic increase in virtual work teams across several countries, globally outsourced work, and cultural diversity in the workplace as more people move across national borders to work. As a result, human resource management practices like recruitment, training, compensation, performance management, and employee relations are more complex. Additionally legal and regulatory requirements of foreign countries, cultural differences, expatriate management, and workforce mobility become important considerations. This course analyzes these complexities along with in-depth study of the people-related issues in different countries in Asia, Africa, Latin America, and Eastern Europe. Open to management majors only. Previously MG 0385.

**MGMT 4390 Cross-Cultural Management****3 Credits**

**Attributes:** INEL International Studies / International Business Elective, WDIV World Diversity

**Prerequisite:** Senior standing.

Globalization, the internationalization of markets and corporations, has changed the way modern corporations do business. This course examines major themes and issues in the area of cross-cultural management. It focuses on three perspectives: the values, attitudes, and behaviors that are common to a cluster of countries, specific to one country, or specific to a major cultural subgroup or subgroups within one country. It explores what happens when cultures clash, and the need to understand different approaches to doing business in a diverse world. Open to management majors only. Previously MG 0390.

**MGMT 4900 Special Topics (Shell)****3 Credits**

**Attributes:** MGEL Management: General Elective

**Prerequisite:** Junior standing.

This course gives students an in-depth understanding of current issues and topics in management. The focus is on the application and analysis of managerial principles in contemporary problem solving. The faculty member teaching this course constructs course content around current developments in their research area. Topics may include decision-making in a chaotic environment, change management, organizational structure and design, health care, social justice, the political and social context of organizations, the consequences of the free market logic, leadership, the environment, diversity and gender, e-business, and managing virtual teams and organizations. Previously MG 0303.

**MGMT 4990 Independent Study****3 or 6 Credits**

**Attributes:** MGEL Management: General Elective

This special program involving independent study and research under faculty guidance is also intended for students accepted in an approved internship. Open only to seniors majoring in management and approved by the department chair. Students must have a GPA of 2.5 or higher. Previously MG 0397-0398.

## Faculty

## Professors

Mainiero  
McEvoy



Scheraga, *chair*  
Solomon  
Strauss

## Associate Professors

Bhattacharya  
Giapponi  
Schmidt

## Assistant Professors

Moretz

## Assistant Professors of the Practice

Daulerio

## Instructors of the Practice

Stafford

## Lecturers

Cerrone  
Day  
Doris  
Hamer  
Hillgen-Santa  
Pena  
Roseman  
Selig

## Management Major

Management majors study the theory and the practice of managing people and organizations. Emphasis is given to the nature of the management function; the management of people; the relationship between business and society; and to the behavioral, social, and environmental factors that influence effective organization and managerial performance. Research efforts in the field are examined to develop fundamental principles and concepts, which can serve as a rational basis for managerial action. Students may choose one of four concentrations: business and society, entrepreneurship, hospitality and tourism management, or human resource management.

### Requirements

For a 45-credit major in management, students complete the following:

Code	Title	Credits
Business Core Requirements		27
MGMT 3235	Managing Human Resources	3
MGMT 3240	Leading and Managing People	3
MGMT 4385	Managing People for Global Business	3
or MGMT 4390 Cross-Cultural Management		
Select three courses from the following: <sup>1</sup>		9
AETH/BUSN 3391	Seminar in Business Law, Regulation, and Ethics	
BUSN 3220	Environmental Law and Policy	
BUSN 4320	Employment Law and Discrimination in the Workplace	

MGMT 4320	Diversity in the Workplace
MGMT 4330	Career Planning
MGMT 4335	Entrepreneurship: Ideation and Validation
MGMT 4336	Social Entrepreneurship
MGMT 4337	Entrepreneurship: Product Development and Commercialization
MGMT 4338	Managing a Family Business
MGMT 4350	International Law
MGMT 4355	High Performance Learning Teams
MGMT 4360	Negotiations and Dispute Resolution
MGMT 4370	Managing Non-Profit Organizations
MGMT 4375	Sports Management
MGMT 4380	Performance, Compensation, and Reward
MGMT 4900	Special Topics (Shell)

Total Credits 45

<sup>1</sup> In order to complete a concentration, two courses are required from a concentration area. The third elective course may be taken from any management area, unless otherwise noted. No course may count for more than one concentration. Students are not required to pursue a concentration.

## Concentrations

### Business and Society Concentration

Code	Title	Credits
Select at least two courses from the following:		
AETH/BUSN 3391	Seminar in Business Law, Regulation, and Ethics	3
BUSN 3220	Environmental Law and Policy	3
BUSN 4320	Employment Law and Discrimination in the Workplace	3
MGMT 4350	International Law	3
MGMT 4370	Managing Non-Profit Organizations	3

### Entrepreneurship Concentration

Code	Title	Credits
Select at least two courses from the following:		
MGMT 4335	Entrepreneurship: Ideation and Validation	3
MGMT 4336	Social Entrepreneurship	3
MGMT 4337	Entrepreneurship: Product Development and Commercialization	3
MGMT 4338	Managing a Family Business	3

### Hospitality and Tourism Management Concentration

The purpose of the Hospitality and Tourism Management Concentration is to provide a professional and academic environment for students to gain expertise in the areas of hospitality, tourism, and the culinary arts. This concentration is an innovative combination of Dolan School management courses and courses taken at our partner institution, Florence University of the Arts (FUA). Drawing on FUA's 20-year experience, this unique international immersion curriculum allows students to pursue a course of study faithful to the articulated vision of the hospitality management program at FUA and consistent with the Jesuit ideals of Fairfield University and the business curriculum of the Dolan School of Business.

The basic structure of the concentration allows Fairfield students to take their University core and business core courses in their first two-and-a-half years at Fairfield. In the spring semester of their junior year, students take courses in FUA’s Hospitality Management program, including an experiential course of managing in an operational restaurant. During the summer, students engage in a supervised special project and an internship, drawing on FUA’s relationships with Florence hospitality and tourism firms. In the fall of their senior year, students will complete their FUA curriculum, followed by their final semester at Fairfield University. Please contact Dr. Carl Scheraga, Management Department Chair, for further information.

Human Resources Concentration

Code	Title	Credits
Select at least two courses from the following:		
BUSN 4320	Employment Law and Discrimination in the Workplace	3
MGMT 4320	Diversity in the Workplace	3
MGMT 4330	Career Planning	3
MGMT 4355	High Performance Learning Teams	3
MGMT 4360	Negotiations and Dispute Resolution	3
MGMT 4380	Performance, Compensation, and Reward	3

Business Law and Ethics Minor

This minor offers students a foundation in law and regulation, as well as ethics, applied to the business sector to better understand the social responsibility of business and the interdependent nature of business and society.

For an 18-credit minor in business law and ethics, students complete the following:

Code	Title	Credits
AETH 2291	Business Ethics	3
AETH/BUSN 3391	Seminar in Business Law, Regulation, and Ethics	3
BUSN 3211	Legal Environment of Business	3
Select three courses from the following groups: <sup>1</sup>		9
Group 1:		
BUSN 3220	Environmental Law and Policy	
BUSN 4320	Employment Law and Discrimination in the Workplace	
MGMT 4350	International Law	
Group 2:		
AETH 2276	Ethical Dimensions of Global Business Practices	
AETH 2281	Ethics of Communications	
AETH 2284	Environmental Ethics	
AETH 2295	Ethics in Law and Society	
Total Credits		18

<sup>1</sup> No more than two courses may be selected from each group.

Note: One course may count for both the business law and ethics minor and the management major.

Entrepreneurship Minor

This minor offers students across the University exposure to entrepreneurship, from concepts of creativity, technology, and innovation to implementing business plans. Students may explore opportunities in both the for- and non-profit sectors.

For a 15-credit minor in entrepreneurship, students complete the following:

Code	Title	Credits
BUSN 3211	Legal Environment of Business <sup>1</sup>	3
MGMT 4335	Entrepreneurship: Ideation and Validation	3
Select three courses from the following groups: <sup>2</sup>		9
Group 1:		
MGMT 2101	Introduction to Management <sup>3</sup>	
MGMT 3235	Managing Human Resources	
MGMT 3240	Leading and Managing People	
Group 2:		
BUSN 4320	Employment Law and Discrimination in the Workplace	
MGMT 4336	Social Entrepreneurship	
MGMT 4337	Entrepreneurship: Product Development and Commercialization	
MGMT 4338	Managing a Family Business	
Total Credits		15

<sup>1</sup> It is strongly recommended that students take the BUSN 3211 Legal Environment of Business section with an Entrepreneurship emphasis.

<sup>2</sup> Non-management majors choose one course from Group 1 and two courses from Group 2. Management majors choose three courses from Group 2. No courses may double-count for the entrepreneurship minor and the management major.

<sup>3</sup> DSB students may not select MGMT 2101 as an entrepreneurship elective.

Management Minor

This minor offers students in the non-management disciplines an opportunity to examine some of the theories, principles, and issues that influence their growth and development as managers in their chosen fields.

For a 15-credit management minor, students complete the following:

Code	Title	Credits
MGMT 2101	Introduction to Management	3
MGMT 3235	Managing Human Resources	3
MGMT 3240	Leading and Managing People	3
Select two courses from the following:		6
BUSN 3220	Environmental Law and Policy	
BUSN 3391	Seminar in Business Ethics	
BUSN 4320	Employment Law and Discrimination in the Workplace	
MGMT 4320	Diversity in the Workplace	
MGMT 4330	Career Planning	
MGMT 4335	Entrepreneurship: Ideation and Validation	
MGMT 4336	Social Entrepreneurship	

MGMT 4337	Entrepreneurship: Product Development and Commercialization
MGMT 4338	Managing a Family Business
MGMT 4350	International Law
MGMT 4355	High Performance Learning Teams
MGMT 4900	Special Topics (Shell)

Total Credits 15

## Sports Leadership and Management Minor

This interdisciplinary minor provides students with a foundational business skill set that facilitates students' interest in careers in the sports management industry and with corporations who have partnerships and client relations with sports organizations. It has a primary focus on leadership in the sports industry, and specifically (as consistent with the University mission) leadership that is ethics-based.

For a 15-credit Sports and Leadership Management minor, students complete the following:

Code	Title	Credits
MGMT 3240	Leading and Managing People	3
MGMT 4375	Sports Management	3
Select three electives from the following: <sup>1</sup>		9
COMM 1108	Sports Broadcasting and Remote Television Production	
COMM 2237	Sports, Media, and Culture	
ECON 2152	Economics of Sport	
MGMT 3235	Managing Human Resources	
MGMT 4360	Negotiations and Dispute Resolution	
MGMT 4380	Performance, Compensation, and Reward	
MKTG 2261	Sports Marketing	
Total Credits		15

<sup>1</sup> Students must take at least one elective outside of the Department of Management.

Note: Management majors may not double-count courses for the Management major for any of the 3 electives. However, MGMT 3240 Leading and Managing People does double-count as a required course for both the Management major and the Sports Leadership and Management minor.

## Marketing

Fairfield University offers students the opportunity to study marketing in the contexts of a broad liberal education and a dynamic and flexible business curriculum. Here, students develop the skills to determine the product and service needs of consumers and industries, as well as the challenges of creating and delivering these products and services.

As a marketing major, you are introduced to accounting, statistics, information systems, business law, competitive strategy, and the global business environment. This curriculum educates you on the motivations and behaviors of consumers, advertising and promotion, digital and social media marketing, and branding and marketing techniques.

## Programs

- Marketing Major (p. 287)
  - Concentration in Digital and Social Media Marketing
  - Concentration in Marketing Communications
  - Concentration in Fashion Marketing (in collaboration with Florence University of the Arts)
- Marketing Minor (p. 288)

## Courses

### MKTG 1101 Principles of Marketing 3 Credits

**Prerequisite:** Sophomore standing.

This course introduces the fundamental concepts and theories that drive day-to-day marketing decisions. A thorough understanding of the marketplace (consumer or business-to-business) is at the heart of such decision making. In this course, students will learn to identify and satisfy customer's wants and needs. The core tools that enable managers to move from decision-making to action are addressed, namely: product development, pricing, channel management and structure, and promotions (including advertising and sales). Additional topics include global marketing, societal and marketing ethics, and digital marketing. Students are required to work in a team to construct a marketplace analysis for a chosen product/service. Previously MK 0101.

### MKTG 2212 Consumer Behavior 3 Credits

**Prerequisites:** MKTG 1101, junior standing.

This course provides students with an understanding of the behavior of consumers in the marketplace, using an interdisciplinary approach that employs concepts from such fields as economics, psychology, social psychology, sociology, and psychoanalysis. Topics include motivation, perception, attitudes, consumer search, and post-transactional behavior. Previously MK 0212.

### MKTG 2221 Sales and Sales Management 3 Credits

**Prerequisites:** MKTG 1101, junior standing.

This course is intended to give the student an understanding of the important role of the sales function in the overall marketing effort of the firm and in the firm's overall success. The course focuses on the sales process (prospecting, making presentations, handling objections and closing the sales), and the management of the sales force (recruiting, training, motivating, compensating, and supervising salespeople). Ethical issues in selling and new technologies that impact the sales effort are also covered. Previously MK 0221.

### MKTG 2231 Advertising 3 Credits

**Prerequisites:** MKTG 1101, junior standing.

This course focuses on strategic management of a firm's integrated marketing communications, the most notable element of which is advertising. It emphasizes the importance of seamlessly and synergistically coordinating numerous promotional mix elements to create a uniquely memorable voice with which to communicate and engage the target audience in a lasting relationship with the firm's brand. Topics include advertising message strategy, creative strategy and execution, media strategy, and various relationship-building promotional tools. Also discussed are current events and ethical issues in advertising and promotion. Through activities and projects, students prepare for careers in advertising and related industries. Previously MK 0231.

**MKTG 2241 Digital Marketing****3 Credits****Prerequisites:** MKTG 1101, junior standing.

In this course, students will undertake an applied perspective towards marketing on current digital platforms (company's website, social media platforms, etc) and will learn how to adapt the traditional marketing strategies onto the digital space. Topics to be covered include website design, Search Engine Optimization (SEO), online advertising, social media marketing, email marketing, mobile marketing, and web analytics. The course is designed to get students to think like a digital marketing professional, and to give them experience with industry-relevant hands-on assignments and exercises. Previously MK 0241.

**MKTG 2251 Social Media Marketing****3 Credits****Prerequisites:** MKTG 1101, junior standing.

The course takes an in-depth look at social networks and social media platforms (e.g., blogs, discussion forums, Facebook, Twitter, other forums of user-generated content) from a strategic perspective. The primary focus of this course will be on understanding social media as part of a brand's marketing communications, how to build strategies and tactics to help brands differentiate and rise above the noise on the social web, and how to track their effectiveness. Topics to be covered include constructing a brand strategy on social media, engaging influencers, content development, social media analytics and measurement, and social media platforms. Previously MK 0251.

**MKTG 2261 Sports Marketing****3 Credits****Prerequisites:** MKTG 1101, junior standing.

This course is offered to address the growing interest in the sports industry as a business career. The course will provide an overview of how sports marketing can work as a component of a fully integrated marketing communication strategy. The course is designed to help students better understand the sports consumer, and how corporations and sports organizations can apply core marketing concepts to help achieve their business objectives. Marketing strategies such as market segmentation, target marketing and the marketing mix are covered within the context of sporting event sponsorships and professional sports teams. Additional topics such as sports governing organizations, sports media, licensing and hospitality will be covered. Previously MK 0261.

**MKTG 2311 Marketing Research****3 Credits****Prerequisites:** MKTG 1101; ECON 0278 or MATH 1017 or MATH 2217 or PSYC 2810 or SOCI 3610; junior standing.

This course gives students an appreciation of the role of marketing research in understanding customers to better address their needs and wants, as well as in reducing the risks associated with marketing decisions. Topics include problem formulation, research design, data collection instruments, sampling, data analysis, and communication of results. Students will get hands-on experience with different stages of the marketing research process. Previously MK 0311.

**MKTG 2980 Internship****1 Credit****Prerequisite:** Sophomore standing.

Students may take two semesters of internship, approved by the department. Students must have a GPA of 2.5 or higher. Enrollment by permission only. Previously MK 0393-0394.

**MKTG 3312 Global Marketing****3 Credits****Attributes:** WDIV World Diversity**Prerequisites:** MKTG 1101, junior standing.

This course instills in students an appreciation of the complexities encountered in marketing products and services in global markets. The course discusses differences that exist among consumers in different cultures and also provides students with an understanding of the role of external elements such as economic, political, legal, cultural, geographic, and social environments on the formulation of a firm's marketing strategy in foreign markets. Previously MK 0312.

**MKTG 3321 Marketing Channels****3 Credits****Prerequisites:** MKTG 1101, junior standing.

This course provides a management focus and managerial framework to the discipline of distribution and channel management, emphasizing the design and management of marketing channels as a key strategic tool in satisfying the needs of the customers in the new millennium. The course integrates theory and practice, and applies them to the decision-making processes. The course also discusses the importance of the Internet as a marketing channel for the distribution of goods and services. Previously MK 0321.

**MKTG 3322 Business-to-Business Marketing****3 Credits****Prerequisites:** MKTG 1101, junior standing.

This course examines the characteristics that differentiate industrial from consumer marketing. Topics include the nature of industrial demand; buyer characteristics; industrial market research; competitive bidding; selling of industrial products; sales and advertising strategies in marketing to business, government, and non-profit organizations; and practices and policies in the distribution of industrial goods. Previously MK 0322.

**MKTG 3331 Media Strategy****3 Credits****Prerequisites:** MKTG 1101, junior standing.

This course examines the basic processes involved in strategic media planning including budgeting, selecting media forms and media vehicles, media timing, and media audience measurement. Students understand the role of traditional and non-traditional media, as well as new media such as the Internet, as channels for communicating promotional messages to consumers. The course also covers varied media allocation models. Previously MK 0331.

**MKTG 3332 Public Relations Strategy****3 Credits****Prerequisites:** MKTG 1101, junior standing.

This course looks at the primary functions of the public relations profession in managing and building an organization's reputation. Key areas of study include understanding stakeholder expectations, exploring a variety of communication messages and publicity tactics that inform and engage audiences, leveraging mass market communications channels and understanding the measures of public perception. The course presents public relations as a central part of a communication strategy that impacts the success of the organization. Previously MK 0332.

**MKTG 3341 Brand Management****3 Credits****Prerequisites:** MKTG 1101, junior standing.

This course focuses on one element in the marketing mix: the product. It examines such questions as how should a firm effectively and efficiently manage its current product line and develop potential new products. Consideration is also given to strategic planning. Previously MK 0341.

**MKTG 3342 Contemporary Issues in Marketing****3 Credits****Prerequisites:** MKTG 1101; junior standing.

This seminar on current marketing issues familiarizes students with the latest issues, events, and problems in marketing. The subject matter for the course draws upon recent events in marketing and course materials are derived from current periodicals and cases. Previously MK 0342.

**MKTG 3980 Internship****3 Credits****Prerequisite:** Junior standing.

Students may take two semesters of internship, approved by the department. Students must have a GPA of 2.5 or higher. Enrollment by permission only. Previously MK 0391-0392.

**MKTG 4990 Independent Study****3 or 6 Credits****Prerequisites:** MKTG 1101, senior standing.

This is a special program involving independent study and research under faculty guidance. Open only to seniors majoring in marketing and approved by the department chair. Students must have an overall GPA of 2.5 or higher. Previously MK 0397-0398.

## Faculty

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Sharma

### Lecturers

Blum  
Christian  
Herr  
Tarrant

## Marketing Major

Marketing majors examine the exchange processes by which consumers and organizations satisfy their needs and wants. In a sense, it is the most humanistic of the business majors; it requires students to understand consumer behavior, the motivation of sales personnel, the impact of advertising and communication on the potential consumer, the characteristics of consumers, the cultures involved in international marketing, market research techniques, and the role of marketing in the digital environment. Marketing majors may further specialize by choosing one of three concentrations: Marketing Communications, Digital and Social Media Marketing, and Fashion Marketing.

## Requirements

For a 45-credit major in marketing, students complete the following:

Code	Title	Credits
Business Core Requirements		27
MKTG 2212	Consumer Behavior	3
MKTG 2311	Marketing Research	3
MKTG 3312	Global Marketing	3
Select three courses from the following: <sup>1</sup>		9
MKTG 2221	Sales and Sales Management	
MKTG 2231	Advertising	
MKTG 2241	Digital Marketing	
MKTG 2251	Social Media Marketing	
MKTG 2261	Sports Marketing	
MKTG 3321	Marketing Channels	
MKTG 3322	Business-to-Business Marketing	
MKTG 3331	Media Strategy	
MKTG 3332	Public Relations Strategy	
MKTG 3341	Brand Management	
MKTG 3342	Contemporary Issues in Marketing	
Total Credits		45

<sup>1</sup> Students will use the marketing electives to fulfill the requirements for the concentration.

## Concentrations

### Marketing Communications

Code	Title	Credits
Select at least two courses from the following:		6
MKTG 2231	Advertising	
MKTG 3331	Media Strategy	
MKTG 3332	Public Relations Strategy	
Total Credits		6

### Digital and Social Media Marketing

Code	Title	Credits
MKTG 2241	Digital Marketing	3
MKTG 2251	Social Media Marketing	3
Total Credits		6

### Fashion Marketing

*In collaboration with Florence University of the Arts*

The purpose of a Marketing Major with a Concentration in Fashion Marketing is to provide a professional and academic environment for students to gain knowledge about the business side of the fashion industry. The program will be structured such that Fairfield students will take the marketing courses *required* for the major (i.e., Consumer Behavior, Marketing Research, and Global Marketing) at Fairfield University, and four marketing electives at Florence University of the Arts (FUA) in the Spring semester of their junior year.

One of the four electives is an experiential learning course, which starts about three weeks prior to the start of the Spring semester with the Men's



Pitti Immagine fashion show in Italy, which students will have to attend. The course has a 150-hour 'internship' requirement (distributed over the Winter Intersession and Spring Semester), with placement taking place at *FLY – Fashion Loves You*, the creative learning lab and retail store at FUA's School of Fashion and Accessory Studies and Technology (FAST). The store features vintage and handcrafted clothing and objects open to the public and all of its operations are executed by academic courses. All projects are fully coordinated and supervised by FUA faculty members who are also industry professionals.

A degree with a focus on Fashion Marketing offers a wide variety of career opportunities in the fashion industry, at various companies, such as Kohl's, GAP, Lululemon, Nike, Macy's, and so much more. Moreover, the proximity to New York City provides the best setting for any student who is fascinated with fashion marketing and many opportunities after graduation. A fashion marketer may do any of the following on a day-to-day basis: ad creative, branding, market research and media planning, store planning, product display, and photography, which all fall within the purview of fashion marketing.

Students will complete the following four electives while in residence at Florence University of the Arts:

Code	Title	Credits
	Strategic Fashion Marketing	3
	Fashion Business in Italy	3
	Fashion Buying Strategies: From Personal Shopper to Retail Merchandising	3
	Special Project: Experiential Learning in the Fashion Industry: Fashion Retail Management	3
Total Credits		12

## Marketing Minor

This minor provides students with a basic foundation in marketing by exposing them to the functions that constitute the marketing discipline, including market research techniques and consumer behavior.

For a 15-credit minor in marketing, students complete the following:

Code	Title	Credits
<b>Requirements</b>		
MKTG 1101	Principles of Marketing	3
MKTG 2212	Consumer Behavior	3
MKTG 2311	Marketing Research <sup>1</sup>	3
Select two courses from the following:		6
MKTG 2221	Sales and Sales Management	
MKTG 2231	Advertising	
MKTG 2241	Digital Marketing	
MKTG 2251	Social Media Marketing	
MKTG 2261	Sports Marketing	
MKTG 3312	Global Marketing	
MKTG 3321	Marketing Channels	
MKTG 3322	Business-to-Business Marketing	
MKTG 3331	Media Strategy	
MKTG 3332	Public Relations Strategy	
MKTG 3341	Brand Management	

MKTG 3342	Contemporary Issues in Marketing	
Total Credits		15

<sup>1</sup> Students should note that one course statistics is a prerequisite for MKTG 2311.

## Post-Baccalaureate Certificates

Post-baccalaureate certificate programs are for working professionals or lifelong learners who have earned a bachelor's degree but need to enhance a resume, improve skills, prepare for a job change, or just want to continue to learn in a field in which they did not major in college.

A bachelor's degree from a regionally accredited college is required. Students may not count certificate courses towards any Bachelor's degree major or minor requirements. All courses are offered for credit, unless otherwise specified.

### Certificate in Accounting

This program is designed for adults looking to learn new job skills, improve current accounting knowledge, or brush up on the skills they need to better understand the essentials of accounting and finance for small business.

#### Prerequisites

Before starting the certificate program, students must have passed the following courses or their equivalents:

Code	Title	Credits
ACCT 1011	Introduction to Financial Accounting	3
ACCT 1012	Introduction to Management Accounting	3

#### Requirements

Students must obtain at least a 2.50 GPA in the six required certificate courses listed below:

Code	Title	Credits
ACCT 2203	Intermediate Accounting I	3
ACCT 2204	Intermediate Accounting II	3
ACCT 3320	Cost Management	3
ACCT 3330	Auditing	3
ACCT 3343	Federal Income Taxation I	3
ACCT 4310	Advanced Accounting	3
Total Credits		18

### Certificate in Marketing

This program provides managers and other professionals requisite marketing knowledge to make informed decisions about the current marketplace and its competitive environment. The cluster of courses comprising the certificate program covers topics on consumer/business buyer behavior, marketing management, and business applications from a marketing perspective. Due to the broad, diverse nature of consumer (and business) markets, coupled with the myriad of competitive offerings found in most industries, this program emphasizes the importance of firms collecting and utilizing market research data in order to make customer-driven strategic decisions.

This program is designed for professionals:

- Who are called upon to make key strategic decisions (concerning the product/service, pricing, distribution, and promotion).
- Who are responsible for collecting, understanding and/or utilizing customer data.
- Who want to learn more about the marketing process and its importance in their organizations.

## Requirements

Code	Title	Credits
MKTG 1101	Principles of Marketing	3
MKTG 2212	Consumer Behavior	3
MKTG 2311	Marketing Research <sup>1</sup>	3
Select one elective course in Marketing <sup>2</sup>		3
Total Credits		12

<sup>1</sup> A statistics course is required prior to enrolling in MKTG 2311. Equivalent professional experience may also be considered, but this must be determined by an Assistant Dean, in consultation with the Chair of the Marketing Department.

<sup>2</sup> Select one marketing course, ideally based on the student's professional background and/or personal interest.

## MBA Prep Certificate

This program is designed for students who:

- Have completed a bachelor's degree and are now interested in pursuing a Master in Business Administration, but do not have the required foundational business knowledge or coursework to proceed.
- Are looking for a sound foundation in accounting, economics, finance, and applied business mathematics.

Students earn the certificate and fulfill the MBA program entry requirements at the same time. This certificate can be completed in two semesters.

It is recommended that all students who complete this certificate for an MBA should also complete a GMAT prep course prior to taking the GMAT.

## Requirements

Code	Title	Credits
ECON 1011	Introduction to Microeconomics	3
ECON 1012	Introduction to Macroeconomics	3
MATH 1017	Elementary Probability and Statistics	3
MATH 1121	Applied Calculus I	3
Total Credits		12

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Vice President, Sales & Marketing  
Northern Trust Hedge Fund Services LLC

**Stephen Pilch '83**

Managing Director & Chief Operating Officer  
Stockbridge Capital Group, LLC

**Patricia Preston '80**

Senior Vice President - MasterCard, Business Transformation, LFI  
MasterCard International

**Tom Sciametta '96**

Partner  
Ernst & Young, LLP

**Kevin C. Shea '87**

Managing Director  
Goldman Sachs (Retired)

**Steven Siwinski '92**

Partner  
High Road Capital Partners

**Christopher J. Stephens, Jr., CPA**

Senior Vice President, Finance & Chief Financial Officer  
The Barnes Group

**Kevin Walsh '82**

Managing Director and Group Head Power & Renewable Energy  
GE Energy Financial Services

**Joseph F. Walton '75**

Senior Vice President, Global Enterprise Services Operations and  
Integration Management  
EMC Corporation (Retired)

# SCHOOL OF ENGINEERING

## A Message from the Dean

Welcome to the School of Engineering at Fairfield University. We are devoted to serving students as they successfully pursue undergraduate and graduate engineering degrees. The School provides opportunities for students to combine study with experience and professional practice through classroom instruction, industrial internships, and experiential learning offering the prospect for the best in engineering education.

The School of Engineering strives to maintain the highest level of instructional integrity and remains committed to the Ignatian ideals of education, finding bigger answers to society's problems, and providing service to socially and economically disadvantaged populations. A true reflection that Engineering is a "Service to Humanity" profession.

In pursuit of this mission, we are committed to expanding student engagement in the engineering professions. The School's graduates will have mastered theoretical and practical knowledge of engineering skills, and will have strong foundational knowledge in communications, critical judgment, social responsibility, economics and ethics to use in building their professional careers.

On our website, you will find detailed listings of the educational objectives of each of the engineering programs offered in the School of Engineering. The curricula and degree requirements are linked to the objectives through student learning outcomes leading to national accreditation. The engineering curricula includes the University's *Magis* Core - the hallmark of Fairfield's education - that aims to help transform our students into thinking citizens and lifelong learners, and prepare them to live an inspired life. Additionally, our ambition in the School of Engineering is to enable all our students to assume positions of technical leadership and professional responsibility, and to achieve full satisfaction in their jobs, or in graduate studies, upon graduation from Fairfield University.

On behalf of the entire School of Engineering, welcome!

**Andres Leonardo Carrano, PhD**  
Dean, School of Engineering

## School Overview

### Vision

The School of Engineering will be a recognized leader in modern, experiential-based engineering education and known for innovative, applied research that, together, fosters a student-centered and research-focused educational experience that prepares graduates for successful and rewarding careers in service to others.

### Mission

The School of Engineering is dedicated to: (1) Providing transformative educational experiences that prepare our graduates for successful careers; (2) advancing engineering knowledge through applied research; and, (3) supporting the University's mission of whole-person development (*cura personalis*) by inculcating into our students the service-to-humanity character of the engineering profession.

### Purpose

We believe a strong, experientially based curriculum, supported by faculty with an applied research focus leads to:

- Enhanced academic reputation.
- Increased scholarship of students and faculty.
- Students, imbued with the service-to-humanity character of the engineering profession, prepared to meet the future challenges of a rapidly evolving, technology-based society.

## Values

### "Our Ethics in Action"

*Excellence* in all we do

*Engagement* at every level

*Innovation* across all disciplines

*Diversity and Inclusion* in all things

*Service to Humanity* as a lifelong goal

*Character* as a foundation of *Leadership*

## Mentoring

Entering and continuing students meet with academic advisors to design jointly their schedule of courses. Students review their academic records before course registration each semester with assistance from advisors to keep abreast of their progress. The school provides counseling to students upon request so that their academic goals can be achieved efficiently and economically. Department chairs and program directors are actively involved in student advising and mentoring. Practicing engineers are often invited to participate in mentoring of interdisciplinary teams in the final senior design project.

## Tutoring

Out-of-classroom assistance, provided by engineering professionals, and peer tutors is available in the school's tutorial center on a daily basis and a peer led content mastery program in foundational courses began in 2014. A schedule of tutorial/mentoring services is distributed to all students in the beginning of each term.

## Facilities

The offices of the School of Engineering, along with classrooms, primary laboratory and computer facilities are located in the Bannow Science Center. The engineering reference and circulating collection is housed in the University's DiMenna-Nyselius Library. The School's laboratories are equipped with modern instrumentation and are improved annually with financial assistance of the university, the alumni and private foundations. In order to provide an environment for experiential learning that is closely integrated with classroom learning, the School of Engineering laboratories provide the capability for demonstration of phenomena, simulation of processes, measurements, and data management. Finally, a growing number of engineering courses are offered online as needed. The School's website (<http://fairfield.edu/soe/>) offers information on the School, its programs, courses, and faculty.

## Transfer Admission

### General Transfer

Students with previous studies at other accredited institutions may apply for transfer to the School of Engineering. Credit for work completed elsewhere, with a grade of C or better, will be granted for equivalent Fairfield courses, in accordance with Fairfield University guidelines. The transfer student must provide an official transcript of all academic work

and a catalog with course descriptions from each institution previously attended.

## Transfer from Community Colleges

The School of Engineering has articulation agreements with the Connecticut College of Technology embracing the 12 community colleges in Connecticut. Under this agreement, the B.S. degree completion by graduates of community colleges with an engineering associate's degree is greatly facilitated at Fairfield University. Bridge courses to facilitate transfer, and some financial aid to transfers from community colleges, are also offered by the School of Engineering.

## School Activities/Relationships with Area Industry

Engineering students at Fairfield University may join the Engineering Student Society, an umbrella organization that embraces student chapters of the American Society of Mechanical Engineers, Society of Automotive Engineers, the Institute of Electrical and Electronics Engineers, and the Society of Women Engineers. Students are encouraged to join ESS and profit from events sponsored by the chapters. Engineering students initiated an Engineers Without Borders student chapter in 2015.

The School of Engineering maintains direct relations with area industries and manufacturers. Students are encouraged to post their resumes on the University's Career Development site, Stage4Hire (<http://fairfield.edu/stags4hire/>), and to visit the site often to check for jobs and internships. These open lines of communication encourage the flow of information and support that keeps the engineering curriculum current and relevant to the environment in industry. These contacts are particularly useful to students in the senior design project course where they tackle real-life engineering problems encountered by practicing engineers and become involved in the mainstream of engineering activity.

## School of Engineering Executive Advisory Board

The School of Engineering (SOE) receives philanthropic support and strategic guidance from the SOE Advisory Board, a group of men and women in leading positions in industry and education. Additionally, each program area in the SOE receives program development guidance from its program advisory board.

## Degrees

### Bachelor of Science

The School of Engineering offers undergraduate programs leading to the Bachelor of Science in the following fields:

- Bioengineering (p. 298)
- Computer Science (p. 301)
- Electrical Engineering (p. 311)
- Mechanical Engineering (p. 319)

Students in these programs complete 126 to 134 credit hours. Students begin their studies with ENGR 1031 Fundamentals of Engineering or CPSC 1101 Introduction to Computing and complete the degree requirements with the team-based Senior Design Project. ENGR 1031 is designed to introduce first-year students to important design elements and the tools of engineering and develop their skills in analysis and synthesis, and in teamwork. It further provides the basis for students

to select the engineering discipline most suitable to their skills and career objectives. The Senior Design Project caps students' engineering education by implementing engineering design principles and associated skills in designing for functionality, reliability, sustainability and economy in real-world projects undertaken by multidisciplinary teams. All School of Engineering programs include experiential learning in laboratory courses and culminate with the Senior Design Project. Students can avail themselves of opportunities for independent study and for internships in local industry. The undergraduate curriculum may be completed as a full-time traditional 4-year program or part time.

### Part-Time Program

This program allows fully employed students to pursue engineering degrees on a part-time basis at a pace suited to their circumstances. Many employers provide tuition reimbursement. The curriculum requirements for the BS degrees through this program are the same as those for the full-time traditional programs. Engineering courses are available through evening and hybrid study courses. Advanced engineering classes, offered in the evening, are subscribed by both full-time and part-time students.

### General and Major Electives

Major electives are chosen from the engineering department. The courses may be chosen with the approval of the student's advisor from among other courses offered in the School of Engineering.

General Electives may be chosen from any courses offered at the university and are frequently chosen to help fulfill requirements toward a selected minor.

### Major Areas of Study

Specific program objectives and curriculum requirements are provided in the sections that follow each engineering discipline. In general, the curricula consist of four areas:

- major field requirements
- major field electives
- general education core curriculum courses
- general electives

### Concentration within Majors

Certain major fields of study have specialized options that can be taken to fulfill special career plans, under advisement from the department chair. Numerous elective courses afford opportunities for students to gain deeper knowledge and skills in areas of their interest.

### Minors in Other Fields of Study

Engineering students are eligible for a mathematics minor with the completion of five mathematics courses. In addition, engineering majors can opt to fulfill the requirements for other minors. .

### Minor in Engineering

The School of Engineering offers a minor in engineering for non-engineering students. This is a 14-credit hour course of study for students who have completed two courses in calculus and two in physics. Four engineering courses of three credits each, and two laboratory courses of one credit each, are required for the completion of the minor. Students may also choose an additional engineering course to substitute for the math or science courses, provided prerequisites are met. Students who choose the engineering minor will benefit

intellectually from exploring the field of engineering and will strengthen their candidacy for professional studies such as medicine or law.

An 18-credit minor in Computer Science is also available, see the Computer Science (p. 309) section for details.

## Core Curriculum

Students are obligated to complete the course of studies as described in the catalog used during the year they enter Fairfield University. A new set of core requirements has been designated for students entering the University during the 2019-2020 academic year. Students who entered Fairfield University prior to Fall 2019 must complete the previous core requirements, which may be found by referencing the Catalog Archive (<http://catalog.fairfield.edu/archive/>).

## Magis Core Curriculum

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

## University Honors Program

The School of Engineering participates in the University Honors Program (p. 145), an interdisciplinary course of study (23 credits) open to invited freshmen and sophomores and devoted to intellectual history, interdisciplinary studies, and advanced work in the student's major field.

## Five-Year Pathways to Bachelor's and Master's Degrees

- Applied Data Science Five-Year Dual Degree Program (p. 309)
- Electrical and Computer Engineering Five-Year Dual-Degree Program (p. 316)
- Management of Technology Five-Year Dual-Degree Program (p. 318)
- Mechanical Engineering Five-Year Dual-Degree Program (p. 324)
- Software Engineering Five-Year Dual-Degree Program (p. 310)

A master's degree in engineering is becoming more commonly seen as the entry level degree in the workplace. A master's level engineering education gives a great return on your investment as well as a more focused and satisfying career.

Students can now complete a five-year pathway to both BS and MS degrees in Electrical and Computer Engineering, Mechanical Engineering, and Software Engineering. Additionally, in five years, students can also complete a BS degree in any of the undergraduate engineering programs followed by an MS in Management of Technology. Typically students should meet with their advisor during their junior year and complete detailed planning for the specific requirements for the bachelors and masters degrees that they are interested in. All of the five-year pathways require a minimum of 3.00 GPA along with approval from the faculty advisor.

## Courses

### General Engineering

#### ENGR 1031 Fundamentals of Engineering

3 Credits

**Attributes:** MWID Magis Core: Writing in the Discipline

This course provides core engineering knowledge and competencies in a highly interactive class format. Topics include professional skills such as technical writing and presentation, guidelines for professional engineering practice, and career preparation. Introduction to the fields, roles, and industries of engineering also serves as a basis for selection of engineering major field. Hands-on team projects are core learning experiences. They form a structured introduction to the implementation of principles of design and engineering methodologies, system engineering management, and presentation skills. Guest presenters and field trips augment this course, which is taught by interdisciplinary faculty teams. Previously EG 0031.

#### ENGR 1060 Science, Technology, Engineering, and Mathematics of the Guitar

3 Credits

**Fee:** \$250 Engineering Lab Fee

This course looks at the design elements, manufacturing and assembly of solid-body electric guitars. Science, technology, engineering, and mathematics (STEM) concepts that relate directly to guitars are used to help students make an applied learning connection. Each student will construct their own electric guitar. Course will cover wood species and the environment, guitar headstock design features, chemistry of finishes, math applications in a guitar, physical science aspects of the guitar such as mechanical systems, concepts of sound waves, string tension, fretboard layout, intonation, and electronics. Studio-style class, lecture, and lab time combined throughout course. A lab fee applies to cover materials. Previously EG 0060.

#### ENGR 2130 Engineering Graphics I

3 Credits

This is a basic course in engineering graphics principles and is taught simultaneously with SolidWorks, a 3-D modeling design application. Using computer design, the course stresses orthographic projection, dimensioning, sectional views, 3-D part modeling, assembly modeling, drafting and engineering drawings, and geometric tolerance representation. Students will gain a working knowledge of SolidWorks in engineering design. Course requires a personal laptop running a 64-bit Windows 10 operating system. Previously EG 0130.

#### ENGR 2145 Mathematical Analysis

3 Credits

**Attributes:** EVAP Environmental Studies: Applied Professional Skills

**Corequisite:** ENGR 2145P.

**Prerequisite:** MATH 1142.

In this course students will learn mathematical and numerical methods such as differentiation, integration, and Fourier analysis and how to apply these methods to solve scientific problems. Additionally, the course will cover statistics including data analysis, trend fitting, data correlation, and interpolation. Students will learn to use MATLAB as a tool but also become proficient in programming. Previously EG 0145.

#### ENGR 2145P Mathematical Analysis PLG

0 Credits

Peer learning group for ENGR 2145. Previously EG 0145P.

**ENGR 3260 Robots****3 Credits****Prerequisite:** PHYS 1171.

Introductory course in robotics develops understanding of how robotic systems integrate sensors, actuators, and control systems to achieve specific goals. Principles of autonomy, programming, wireless communications, sensor applications, mechatronics, electrical power, electric motors, pneumatics, structure, and locomotion will be understood and applied. Design of robotic subsystems will utilize multiple areas of knowledge. The course will involve application of statistical analysis to quantify robot performance. Service learning is an integral part of the course. All participants will participate in weekly mentoring of a youth robotics competition team to put into practice the principles learned in class, and to learn through community interaction from other students using robots to accomplish different feats. Previously EG 0260.

**ENGR 4301 Feedback Control Systems****3 Credits****Prerequisites:** ELEG 3301, MATH 2251.

This course emphasizes analysis and synthesis of closed loop control systems using both classical and state-space approaches with an emphasis on electro-mechanical systems. The mathematical requirements include the Laplace transform methods of solving differential equations, matrix algebra, and basic complex variables. The discussion of classical control system design includes the modeling of dynamic systems, block diagram representation, time and frequency domain methods, transient and steady state response, stability criteria, controller action [Proportional (P); proportional and integral (PI); Proportional, integral, and derivative (PID); and pseudo-derivatives feedback], root locus methods, the methods of Nyquist and Bode, and dynamics compensation techniques. The discussion of state-space methods includes formulation and solution (analytical and computer-based) of the state equations and pole-placement design. The course integrates the use of computer-aided analysis and design tools (MATLAB) so as to ensure relevance to the design of real world controlled electro-mechanical systems using case studies and applications to electrical and mechanical systems. Includes lab (hardware-based) exercises. Graduate equivalent: MEEG 5301. Previously EG 0300.

**ENGR 4303 Industrial Automation****3 Credits****Prerequisite:** ELEG 2213.

This course will give students an understanding of industrial automation concepts in the areas of process control, manufacturing, material handling, and others. Topics covered include sequential control, ladder logic, PLC systems and programming; industrial sensors; feedback control systems, PID and advanced control algorithms; distributed control systems, industrial networking, including network types and standards. Practical implementation of typical systems is discussed. The course will consist of lectures, case studies, and lab exercises. Graduate equivalents: ECEG 5303, MEEG 5303. Previously EG 0303.

**ENGR 4305 Design of Mechatronics Systems****3 Credits****Prerequisite:** Senior standing.

This course covers development of mechatronics theory and applications to systems dependent upon the integration of mechanical, electrical and computer engineering. Students assemble hardware components to create a product design that fulfills a specified task in a mechatronics system. Students develop design skills in mechanisms, electrical devices, and software to create, test, and verify system function. Graduate equivalent: MEEG 5305. Previously EG 0305.

**ENGR 4330 Engineering Graphics II****3 Credits**

This course introduces CATIA Version 5, the leading CAD/CAM/CAE application used by automotive, aerospace, shipbuilding, and consumer goods industries. It provides mechanical, electrical, automotive, aerospace, and marine engineers and architects with the design tools to take products from concept to completion in one seamless application. This course covers basic solid modeling concepts of individual sheet metal and machined parts from detailed drawings. Complex Shape Modeling using wireframe concepts and surface-based modeling is covered. Building of assemblies of components and control of their positioning and orientation, as well as motion simulation is covered. Fully detailed production drawings of components and assemblies are also covered. Previously EG 0330.

**ENGR 4360 Engineering Project Management****3 Credits****Attributes:** HASM Humanitarian Action Minor Skills/Method Course

This course concentrates on the general methodology of managing an engineering project from concept to operational use with emphasis on the functions, roles, and responsibilities of the project manager. Study of the basic principles and techniques related to controlling resources (i.e. people, materials, equipment, contractors, and cash flow) to complete a project on time and within budget while meeting the stated technical requirements. Through group and individual activities, including case study review and field work, students will learn to apply project management tools and techniques. The course will be taught by teaching each phase of project management as we complete the relevant aspects of the project in the field. There will be some classroom time for introducing concepts, and planning. However, the majority of time each day will be spent in the field executing the project, putting into practice the phases of project management. The course will prepare students with the ability to learn the necessary background information and hands-on technical skills, to be flexible and adaptable in difficult environments. These skills will be valuable in many areas, particularly in the planning and execution of humanitarian action and engineering in developing countries. Enrollment by permission only. Students must be able to study abroad. Previously EG 0360.

**ENGR 4415 Engineering Applications of Numerical Methods****3 Credits****Prerequisite:** CPSC 1131.

Topics include root-finding, interpolation, linear algebraic systems, numerical integration, numerical solution of ordinary and partial differential equations, modeling, simulation, initial boundary value problems, and two point boundary value problems. Graduate equivalents: ECEG 5415, MEEG 5415. Previously EG 0315.



**ENGR 4961 Senior Design Project I****3 Credits**

**Prerequisite:** Completion of all non-elective program courses; completion of other program requirements to enable graduation within the year of completion of ENGR 4962.

In this capstone course, students work in teams on advanced projects that emphasize engineering design with due attention to design constraints and engineering standards. The overarching scope of this course is to transform engineering students to practicing engineers. Under the guidance of a faculty instructor and a mentor, each team conducts literature searches, write a technical proposal and its members develop skills in information analysis and synthesis; they model and test prototypes of their devices, and make frequent oral and poster presentations of their work to faculty and peers, and submit timely progress reports. In the process, they receive instruction in effective communication and presentation practices, and develop an appreciation of teamwork and collective success. This two-semester sequence of courses begins in the fall of the academic year and concludes at the end of the spring term with a final team oral presentation and a final written report, and a working prototype of the team's project. It also includes sample hardware fabrication in the machine laboratory. Previously EG 0390.

**ENGR 4962 Senior Design Project II****3 Credits**

**Prerequisite:** ENGR 4961.

In this capstone course, students work in teams on advanced projects that emphasize engineering design with due attention to design constraints and engineering standards. The overarching scope of this course is to transform engineering students to practicing engineers. Under the guidance of a faculty instructor and a mentor, each team conducts literature searches, write a technical proposal and its members develop skills in information analysis and synthesis; they model and test prototypes of their devices, and make frequent oral and poster presentations of their work to faculty and peers, and submit timely progress reports. In the process, they receive instruction in effective communication and presentation practices, and develop an appreciation of teamwork and collective success. This two-semester sequence of courses begins in the fall of the academic year and concludes at the end of the spring term with a final team oral presentation and a final written report, and a working prototype of the team's project. It also includes sample hardware fabrication in the machine laboratory. Previously EG 0391.

**ENGR 4980 Internship****0-3 Credits**

Internships are off-campus experiential learning activities designed to provide students with opportunities to make connections between the theory and practice of academic study and the practical application of that study in a professional work environment. Internships offer the opportunity to 'try out' a career while gaining relevant experience and professional connections. Internships are completed under the guidance of an on-site supervisor and a faculty member, who in combination with the student will create a framework for learning and reflection. Previously EG 0398.

**ENGR 4990 Independent Study****1-4 Credits**

Previously EG 0399.

## Other Subjects

Consult the pages for each department for courses in the following fields:

- Bioengineering (p. 298)
- Computer Science and Software Engineering (p. 301)

- Electrical and Computer Engineering (p. 311)
- Mechanical Engineering (p. 319)

## Bioengineering

The bioengineering curriculum provides both breadth and depth across the range of engineering domains such as mechanical, electrical, computer or software engineering. The program prepares graduates to have an understanding of biology and physiology, as well as the capability to apply advanced mathematics, science and engineering to solve the problems at the interface of engineering and biology. The bioengineering curriculum prepares graduates with the ability to make measurements on and interpret data from living systems and to address the problems associated with the interaction between living and non-living materials and systems. The bioengineering curriculum blends theoretical knowledge with hands-on experiential learning that culminates with a year-long, interdisciplinary team-based capstone design project.

The Program Educational Objectives are broad statements that describe what alumni do within a few years following graduation. The Bioengineering program is committed to graduating engineers who within a few years of their graduation are expected to:

1. Utilize their interdisciplinary training to have successful careers in industry, research and development and in regulatory agencies, academia, or clinical work.
2. Demonstrate the organizational, leadership, and communication skills to achieve success in their chosen careers.
3. Employ critical thinking and problem solving skills to support interdisciplinary teams that may include physicians, molecular biologists, physiologists, and other engineers.
4. Utilize life-long learning skills and the ethical tools for successful adaptation to the rapidly changing field of bioengineering.
5. Build upon their sound training in mathematics, biological sciences, the liberal arts and engineering to facilitate successful pursuit of advanced degrees in medicine, law, business, engineering, or related fields.

For the first year of study, all our engineering programs place major emphasis on the fundamentals of engineering and computer science, mathematics, and the basic sciences to provide the background for later engineering science and design courses. Following preparatory work, the fundamentals of electrical, computer, mechanical, and materials engineering concepts are developed. Advanced courses in bioengineering further develop knowledge in the discipline. The bioengineering curriculum program places much emphasis on design assignments. Students may specialize in a specific area of bioengineering by taking elective courses. Also, students on a pre-medicine track can prepare for medical school entrance by taking their elective courses in psychology, sociology, organic chemistry, biology, and biochemistry.

Students will build skills and knowledge through formal course work, projects, and presentations. Bioengineering program graduates will have attained the following student outcomes:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety,

and welfare, as well as global, cultural, social, environmental, and economic factors.

3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

## Bioengineering Program Study Abroad

Studying abroad can be a life-changing experience and we highly recommend students explore the many options that are available to them. The Bioengineering department in the School of Engineering has partnered with the National University of Ireland, Galway (NUI Galway) to allow students the opportunity to spend the fall semester of their junior year in Galway. NUI Galway ranks among the top of Universities in the world. In addition to the many benefits that come from studying abroad, successful bioengineering students who spend their fall semester of junior year in Galway have the opportunity to enter into the one-year Master's Degree program at NUIG after they complete their undergraduate degree at Fairfield University. To be admitted to the NUIG Bioengineering Master's program, students must have between a 3.2 and 3.7 GPA upon graduating from Fairfield University.

## Five-Year Integrated BS in Bioengineering and Master of Science in Applied Data Science with Bioinformatics Concentration

The five-year graduate program MS in Applied Data Science with Bioinformatics concentration is available to undergraduate students in Bioengineering. The Bioinformatics concentration is one of the concentrations offered as part of the interdisciplinary M.S. in Applied Data Science program. The coursework for the M.S. in Applied Data Science consists of 30 graduate coursework credits of which 6 credits (two courses) can be earned during the student's undergraduate program by declaring to opt for this program during junior year. The two graduate courses to be taken during the BS program are Biomedical Imaging and Biomedical Visualization. The MS in Applied Data Science program includes a core set of four courses (12 credits), two electives (6 credits), a Capstone Practicum course sequence (6 credits), and two Concentration courses (6 credits). The core set of courses provides essential computing and math skills for any data science student. These courses are offered by Department of Computer Science and Engineering and by the Department of Mathematics. The Concentration courses provide deep knowledge in at least one data domain.

## Courses

### BIEG 3201 Biomechanics

3 Credits

**Prerequisites:** MATH 1141, PHYS 1171.

This course covers solid mechanics of bone with a focus on stress, strain, stiffness, and strength. Joint forces and muscle attachments will be analyzed using free-body diagrams. Introductory musculoskeletal physiology will be covered and Biopac Student Lab software will be used for gait and muscle force analysis. Previously BEN 0201.

### BIEG 3301 Biomedical Instrumentation

4 Credits

**Attributes:** HSST Health Studies: Science and Technology

**Prerequisites:** CPEG 2245, ELEG 2213.

This course presents instrumentation and techniques used in acquisition, processing, and presentation of biomedical signals: transducers, sensors, biosensors, and measurement of physical parameters and electrophysiological signals. Physiology relevant for instrumentation labs will be covered. Previously BEN 0300.

### BIEG 3331 Biomedical Signal Processing

3 Credits

**Prerequisites:** CPSC 1131 or SWEG 5407; MATH 1142.

This course presents an overview of different methods used in biomedical signal processing. Signals with bioelectric origin are given special attention and their properties and clinical significance are reviewed. In many cases, the methods used for processing and analyzing biomedical signals are derived from a modeling perspective based on statistical signal descriptions. The purpose of the signal processing methods ranges from reduction of noise and artifacts to extraction of clinically significant features. The course gives each participant the opportunity to study the performance of a method on real, biomedical signals. Graduate equivalent: ECEG 5331. Previously BEN 0331.

### BIEG 4309 Biosensors

3 Credits

**Prerequisites:** CHEM 1111, ELEG 2213.

This course will provide an overview of biosensors, including their use in pharmaceutical research, diagnostic testing, and policing the environment. Topics include the fabrication, characterization, testing, and simulation of biosensors. The phenomenon of transducers, biosensor structure, sensor performance, and simulations utilizing molecular simulation software will also be covered.

### BIEG 4332 Biomedical Imaging

3 Credits

**Attributes:** HSST Health Studies: Science and Technology

**Prerequisite:** BIEG 3331 or CPEG 3331.

The fundamentals and applications of medical imaging techniques will be presented, including x-ray and computed tomography, nuclear imaging, ultrasound, and MRI. Image processing and analysis techniques will be introduced through suitable programming exercises. Graduate equivalent: ECEG 5332. Previously BEN 0332.

### BIEG 4333 Biomedical Visualization

3 Credits

**Prerequisite:** CPSC 1131.

This course is an introduction to 3-D biomedical visualization. Various technologies are introduced, including ultrasound, MRI, CAT scans, PET scans, etc. Students will learn about spatial data structures, computational geometry and solid modeling with applications in 3-D molecular and anatomical modeling. Graduate equivalent: ECEG 5333. Previously BEN 0333.

## Programs

- Bioengineering Major (p. 300)

**BIEG 4350 Medical Device Design**  
**Attributes:** HSST Health Studies: Science and Technology  
**Prerequisite:** Junior standing.  
This project-based course focuses on important stages of the medical device product lifecycle including: identifying unmet clinical and global health needs, the FDA approval process, material selection, biocompatibility, ethical considerations, intellectual property, and post-market surveillance of similar products. Students will generate project ideas and design a medical device.

3 Credits

Faculty

Professors

Lyon

Associate Professors

Balaji, chair  
Belfadel

Assistant Professor

Macwan

Assistant Professors of the Practice

Freudzon

Instructors of the Practice

Cavallo

Lecturers

Speretta

Bioengineering Major

Requirements

Bachelor of Science in Bioengineering

130 credits

Natural Science Requirements

Code	Title	Credits
Select one Biology elective with lab		3
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4
MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	4
MATH 2243	Calculus III for Chemistry, Engineering, and Physics Majors	4
MATH 2251	Ordinary Differential Equations	3

PHYS 1171 & 1171L	General Physics I and General Physics I Lab	4
PHYS 1172 & 1172L	General Physics II and General Physics II Lab	4
Total Credits		38

Major Requirements

For a major in bioengineering, students complete the following:

Code	Title	Credits
Engineering Foundation		
CPEG 2245	Digital Design I	3
CPEG 2245L	Digital Design I Lab	1
CPSC 1131	Fundamentals of Programming	3
ELEG 2213	Introduction to Electric Circuits	3
ELEG 2213L	Electric Circuits Lab	1
ELEG 3348	Embedded Microcontrollers	3
ELEG 3348L	Embedded Microcontrollers Lab	1
ENGR 1031	Fundamentals of Engineering	3
ENGR 2130	Engineering Graphics I	3
ENGR 2145	Mathematical Analysis	3
MEEG 2207	Materials Science	3
Bioengineering Depth		
BIEG 3201	Biomechanics	3
BIEG 3301	Biomedical Instrumentation	4
BIEG 3331	Biomedical Signal Processing	3
BIEG 4332	Biomedical Imaging	3
BIEG 4333	Biomedical Visualization	3
ENGR 4961	Senior Design Project I	3
ENGR 4962	Senior Design Project II	3
Select three biomedical major elective with approval of advisor <sup>1</sup>		9
Total Credits		58

<sup>1</sup> The premed option requires BIOL 3324 Biochemistry I as the biomedical elective.

Plan of Study

A typical, full-time, four-year plan of study appears below. Some variation may be possible. Students should always discuss their individual plan of study with their advisor prior to registering for courses.

Course	Title	Credits
First Year		
Fall		
CHEM 1171	General Chemistry I	3
CHEM 1171L	General Chemistry I Lab	1
ENGR 1031	Fundamentals of Engineering	3
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4
PHYS 1171	General Physics I	3
PHYS 1171L	General Physics I Lab	1
Modern/Classical Language Orientation Tier <sup>5</sup>		3
Credits		18

**Spring**

CHEM 1172	General Chemistry II	3
CHEM 1172L	General Chemistry II Lab	1
CPSC 1131	Fundamentals of Programming	3
ENGL 1001	Introduction to Rhetoric and Composition	3
MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	4
PHYS 1172	General Physics II	3
PHYS 1172L	General Physics II Lab	1

Credits 18

**Second Year****Fall**

CHEM 2271	Organic Chemistry I	3
CHEM 2271L	Organic Chemistry I Lab	1
ELEG 2213	Introduction to Electric Circuits	3
ELEG 2213L	Electric Circuits Lab	1
MATH 2243	Calculus III for Chemistry, Engineering, and Physics Majors	4

History Orientation Tier <sup>1</sup> 3

Credits 15

**Spring**

Select one Biology course with lab from the following: <sup>8</sup> 4

BIOL 1107	Human Anatomy and Physiology I	
BIOL 1171	General Biology I	
BIOL 1172	General Biology II	
BIOL 1173	General Biology III	

CPEG 2245 Digital Design I 3

CPEG 2245L Digital Design I Lab 1

ENGR 2145 Mathematical Analysis 3

ENGR 2145P Mathematical Analysis PLG 0

MATH 2251 Ordinary Differential Equations 3

PHIL 1101 Introduction to Philosophy 3

Credits 17

**Third Year****Fall**

BIEG 3201	Biomechanics	3
BIEG 3331	Biomedical Signal Processing	3
ELEG 3348	Embedded Microcontrollers	3
ELEG 3348L	Embedded Microcontrollers Lab	1
MEEG 2207	Materials Science	3
Religious Studies Orientation Tier <sup>1</sup>		3

Credits 16

**Spring**

BIEG 3301	Biomedical Instrumentation	4
BIEG 4332	Biomedical Imaging	3
ENGR 2130	Engineering Graphics I	3
Behavioral and Social Sciences Exploration Tier <sup>3</sup>		3
History or Philosophy or Religious Studies Exploration Tier <sup>2</sup>		3

Credits 16

**Fourth Year****Fall**

ENGR 4961	Senior Design Project I	3
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Major Elective <sup>4</sup> 3

Major Elective <sup>4</sup> 3

Behavioral and Social Sciences Exploration Tier <sup>3</sup> 3

Literature Exploration Tier <sup>7</sup> 3

Credits 15

**Spring**

BIEG 4333 Biomedical Visualization 3

ENGR 4962 Senior Design Project II 3

Major Elective <sup>4</sup> 3

History or Philosophy or Religious Studies Exploration Tier <sup>2</sup> 3

Visual and Performing Arts Exploration Tier <sup>6</sup> 3

Credits 15

Total Credits 130

<sup>1</sup> Choose an appropriate History or Religious Studies course at the 1000 level

<sup>2</sup> Choose any appropriate Religious Studies, History, or Philosophy core course

<sup>3</sup> Core Social Science course may be filled by appropriate courses in Communication, Economics, Psychology, Politics, or Sociology and Anthropology.

<sup>4</sup> Major electives are chosen from the department, but may be chosen with approval of advisor and department chair from among other courses offered in the School of Engineering.

<sup>5</sup> Choose any Language offered by the Modern Language Department, based on placement exam.

<sup>6</sup> Visual and Performing Art History courses may be chosen from Art History, Music, Film, Television, and Media Arts, Studio Art, or Theatre.

<sup>7</sup> Approved English, Modern Languages and Literatures, and Classics courses.

<sup>8</sup> Corequisite lab is required.

## Computer Science and Engineering

The mission of Fairfield University is to educate its students through a variety of scholarly and professional disciplines. It offers opportunities for individual and common reflection, and it provides training in such essential human skills as analysis, synthesis, and communication. Computational thinking and processes permeate our daily lives, revolutionizing our understanding of the natural world, our tools, and of ourselves. Knowledge of computer science has become highly valued in such diverse fields as psychology, biology, and even philosophy. A degree in Computer Science gives one both marketable skills and intellectual breadth that can be applied to many career choices. At Fairfield, students can pursue multiple degree options as follows: a BA degree in Computer Science, a BS degree in Computer Science, a double major in Computer Science and Mathematics, and a minor in Computer Science that makes a strong addition to one's resume. The BS in Computer Science is preparing for accreditation by the Computing Accreditation Commission of ABET (<http://www.abet.org>). Additionally, the BS in Computer Science can be continued with a specialization in Software Engineering through a five-year Bachelor and Master dual-degree track, and the BA in Computer Science can be continued with a specialization in Applied Data Science through a five year Bachelor and Master dual-degree.

Fairfield recognizes that learning is a life-long process and sees the education which it provides as the foundation upon which its students

may continue to build within their chosen areas of scholarly study or professional development.

## Programs

- Computer Science Major (BA) (p. 305)
    - Concentration in Computer Engineering
    - Concentration in Software Engineering
  - Computer Science Major (BS) (p. 307)
    - Concentration in Computer Engineering
    - Concentration in Software Engineering
  - Computer Science and Mathematics Double Major (p. 309)
  - Computer Science Minor (p. 309)
- 
- Applied Data Science Five-Year Dual Degree Bachelor and Master of Science Program (p. 309)
  - Software Engineering Five-Year Dual Degree Bachelor and Master of Science Program (p. 310)

## Courses

### Computer Science

#### CPSC 1101 Introduction to Computing 3 Credits

In this course, students learn computational problem-solving techniques through the process of design, implementation, testing, and documentation using the programming language Python. The main ideas of computing are explored and students learn the most essential information about computers and technology in today's digital world and the latest computing trends and skills. Students will get an understanding of the breadth of computing as a discipline and how it exists in the world by identifying computing applications in society and exposing them to a variety of computing topics. Previously CS 0101.

#### CPSC 1131 Fundamentals of Programming 3 Credits

**Attributes:** BUEL Business Elective, ENPC Digital Journalism Production Component

This course introduces programming constructs and techniques in a logical progression beginning with small problems and basic algorithms through larger scale programs and design. While not an object oriented course, classes and objects are used in an ancillary capacity while working on broader topics of software architecture. Complete programs will be designed, coded, and debugged in both Java and the C programming language, developing skills necessary to work with more complex software systems. Previously CS 0131.

#### CPSC 1152 Introduction to Computer Game Modeling 3 Credits

This is an introductory computer games modeling course which examines the basics of computer game design and visual effects. Students will use graphics software modeling packages to create characters and visual effects, and to develop a computer game idea, including storyline and plots. Basic programming techniques may also be taught. Previously CS 0152.

#### CPSC 1201 Technical Skills for Liberal Arts Majors 3 Credits

Students today will need skills in a variety of computer programs and software applications. This course is designed for those in the liberal arts (humanities and social or behavioral sciences) who will need these technical skills for their future workplace. Specific skill sets include software for word processing, spreadsheet, presentation, conferencing, web page coding, and web page design; other software may be included. The course serves those students going into business, publishing, non-profit careers, and a variety of other enterprises for which the liberal arts training must be augmented with specific cyber-related technical competence. Open to students with majors in the humanities or social/behavioral sciences only. Previously CS 0201.

#### CPSC 2231 Programming Workshop 3 Credits

**Corequisite:** CPSC 2231L.

**Prerequisite:** CPSC 1131.

This course covers advanced programming concepts in one or more current programming languages, including syntax and theories. It prepares students for adapting to various programming environments and coding in an efficient manner. Lab work will accompany the course. Previously CS 0231.

#### CPSC 2231L Programming Workshop Lab 1 Credit

**Corequisite:** CPSC 2231.

This lab accompanies the Programming Workshop course for hands-on practice with course concepts. Previously CS 0231L.

#### CPSC 2232 Data Structures 3 Credits

**Corequisite:** CPSC 2232L.

**Prerequisite:** CPSC 2231.

This course covers abstract data structures such as queues, stacks, heaps, linked lists, trees, graphs, hash tables, and sorting. Students apply data structure concept in advanced programming. Previously CS 0232.

#### CPSC 2232L Data Structures Lab 1 Credit

**Corequisite:** CPSC 2232.

This lab accompanies the Data Structures course for hands-on practice with course concepts. Previously CS 0232L.

#### CPSC 2250L Computer Science Sophomore Clinic 1 Credit

**Corequisite:** CPSC 2304.

This sophomore clinic provides faculty guidance and supervision beyond the scope of existing courses. Students learn how to develop and structure their deliverables, as well as how to use computer science tools in the context of real-world or research projects. Previously CS 0250L.

#### CPSC 2304 Web Development 3 Credits

**Attributes:** ENPC Digital Journalism Production Component

**Prerequisite:** CPSC 1131.

This course introduces the student to developing applications for use on the World Wide Web. Students learn basic n-tier concepts for designing distributed applications and gain hands on experience through the construction of Web-based applications. The course covers concepts that allow communication over the Web. This includes designing and authoring Web pages, markup languages, the client-side document object model, usability, search engine optimization, and client-side dynamic Web pages. Graduate equivalent: SWEG 5304. Previously CS 0304.



**CPSC 3333 Introduction to Cybersecurity****3 Credits****Prerequisite:** CPSC 2231.

In this course, students will be given an extensive overview of the various components of cybersecurity, including software development, operating systems, databases, and networks. Students will learn cybersecurity concepts, issues, and tools that are critical in solving problems in the computing security domain. The course will use lectures, reading assignments, and interactive lab exercises to reinforce the concepts that are introduced. Graduate equivalent: SWEG 5333. Previously CS 0333.

**CPSC 3343 Design and Analysis of Algorithms****3 Credits****Prerequisite:** CPSC 2232.

This course introduces various algorithms and analyzes the complexity and efficiency of the algorithms. Topics cover classic and heuristic algorithms, searching, sorting and parsing techniques, and algorithm complexity analysis. Previously CS 0343.

**CPSC 3349 Cloud Computing****3 Credits****Prerequisite:** Junior standing.

This course will introduce the foundations of cloud computing, and familiarize students with the core concepts needed to build, deploy and manage applications in a cloud. Besides the theoretical underpinnings, emphasis will be put on practical experience of using cloud resources and services. Concepts like microservices and containers will be discussed in depth, as well as best practices for building successful cloud native applications and implications for development and operational processes. The course will be a combination of lectures and hands-on experience of a public cloud. Graduate equivalent: SWEG 5349.

**CPSC 3351L Computer Science Junior Clinic I****1 Credit****Corequisite:** SWEG 3301.

This first junior clinic provides faculty guidance and supervision beyond the scope of existing courses. Students learn how to develop and structure their deliverables, as well as how to use computer science tools in the context of real-world or research projects. Previously CS 0350L.

**CPSC 3352L Computer Science Junior Clinic II****1 Credit****Corequisite:** SWEG 3302.

This second junior clinic provides faculty guidance and supervision beyond the scope of existing courses. Students learn how to develop and structure their deliverables, as well as how to use computer science tools in the context of real-world or research projects. Previously CS 0351L.

**CPSC 3354 Theory of Programming Languages****3 Credits****Prerequisite:** CPSC 2232.

Topics in this course include the design of programming languages; organization, control structures, data structures; run time behavior of programs; and formal specification and analysis of programming languages. The course includes a comparative survey of several significantly different languages. Previously CS 0354.

**CPSC 4305 Mobile Application Development****3 Credits****Prerequisite:** CPSC 1131.

This project-oriented course examines the fundamental aspects of mobile computing, application architecture, and mobile application design and development. Students will learn application development on the Android platform. Students will complete a hands-on project building a prototype mobile application. Topics include user interface design and building, input and data handling, and network techniques and GPS and motion sensing. Students are expected to work on a project that produces a professional-quality mobile application. Projects will be deployed in real-world applications. Graduate equivalent: SWEG 5305. Previously CS 0305.

**CPSC 4314 Network Security****3 Credits**

This course is intended for individuals who need an understanding of the client-server environment, with any emphasis on network security. The OSI Model, network concepts, and network architecture are discussed. The components that make up a network, including cabling, wiring hubs, file servers, bridges, switches, routers, network interface cards, network operating systems, and network software and hardware configurations are discussed. Network architectural concepts, wide area networks, remote access, and segmentation are discussed. Operating systems will be discussed and demonstrated. Featured is the seven-layer OSI model, the foundation of today's communication protocols. Students will work with various security protocols and configure routers and switches with security methods. Previously CS 0314.

**CPSC 4315 Computational Biology****3 Credits****Prerequisite:** Junior standing.

This course is designed to benefit computational and experimental biologists to understand the principles of analyzing biological data, building models and testing hypotheses using computer science paradigms. Students will learn how to build computational tools that are used to analyze DNA content, identify protein binding patterns, compare sequences, and discover variation within genomes. Graduate equivalent: SWEG 5315. Previously CS 0315.

**CPSC 4317 Computational Statistics for Biomedical Sciences****3 Credits****Prerequisite:** Junior standing.

This course will provide a practical introduction to analysis of biological and biomedical data. Basic statistical and machine learning techniques will be covered, including descriptive statistics, linear regression, non-linear regression, classification/prediction, and biomedical data visualization. Emphasis will be on how to choose appropriate data analysis models and how to assess statistical significance. This course will benefit data scientists to apply data science techniques to analyze biomedical data or clinical data. In addition, this course is also designed to benefit computational and experimental biologists to understand the principles of analyzing biological data, building models and testing hypotheses using computer science paradigms. To visualize data and carry out data analysis, students will learn R or Python, and other programming languages for statistical computing and graphics. The class will be a combination of lecture and computer lab. Graduate equivalent: SWEG 5317. Previously CS 0317.

**CPSC 4322 Visual Analytics****3 Credits****Prerequisite:** Junior standing.

In this course, students investigate visual analytics tools and techniques used to synthesize information and derive insight from massive, dynamic, ambiguous, and often conflicting data and to communicate the findings effectively for decision-making. Extensive use of case studies based on real-world events will be used to illustrate course concepts. Students will apply visual analytics techniques toward a focused research problem in a real-world application or a domain of interest. Graduate equivalent: SWEG 5322. Previously CS 0320.

**CPSC 4331 Operating Systems****3 Credits****Prerequisite:** CPSC 2232.

This course introduces the internal operation of modern operating systems. The topics cover a brief history of operating systems, the major components of modern operating systems, and the object-oriented methodology on UNIX-like platform. Various UNIX tools will be used in the course and participants study examples using object-oriented programs as well as large system integration by object-oriented methodology. Previously CS 0331.

**CPSC 4355 Artificial Intelligence****3 Credits****Prerequisite:** CPSC 2232.

This course, which examines computational and theoretical accounts of human intelligence, includes knowledge representation, commonsense reasoning, planning, natural language understanding, machine learning, and deep learning. Graduate equivalent: SWEG 5355. Previously CS 0355.

**CPSC 4357 Database Management Systems****3 Credits****Prerequisite:** CPSC 2232.

This course examines data formats, organizations, representations and structures; design and analysis of searching, sorting, and other algorithms; data management systems; relational database model; domains and relational integrity; structured query language; database design, logical and physical; entity-relationship diagrams; normalization; transaction processing; and database administration. Graduate equivalent: SWEG 5357. Previously CS 0357.

**CPSC 4360 Machine Learning****3 Credits****Prerequisite:** Junior standing.

This course will provide a practical introduction to machine learning applications such as face recognition, clinical diagnosis, speech recognition, natural language processing, or image classification. Topics such as regression, classification, neural networks, deep learning, and ensemble methods will be discussed. Emphasis will be on how to choose appropriate machine learning and deep learning models and how to evaluate their performance. The class will be a combination of lecture and computer lab. Graduate equivalent: SWEG 5360.

## Software Engineering

**SWEG 3301 Software Engineering Methods****3 Credits****Prerequisite:** CPSC 2232.

This course explores the requirements gathering, system analysis, and software design methods of software application following the software processes required for the production of high quality software. Techniques for creating documentation and using software development tools will be presented. Students will gain experience in software project management, requirements, analysis, and safety issues in software development, interpersonal skills for management and team membership, and the software engineering discernment of systems architecture. Graduate equivalent: SWEG 5301. Previously SW 0300.

**SWEG 3302 Software Design Methods****3 Credits****Prerequisite:** SWEG 3301.

This course is the continuation of SWEG 3301 with in-depth projects and further discussions of design and implementation topics. Through the use of case studies and project work that has the student gradually building a large design specification, students will achieve an understanding of how complex applications are designed and built. Graduate equivalent: SWEG 5302. Previously SW 0301.

**SWEG 4312 Agile Software Engineering****3 Credits****Prerequisite:** SWEG 3301.

In this course, students apply in-depth techniques and experience various roles incorporated into one of the main approaches to software development which is agile methodology. It uses detailed knowledge about each of the major traditional software engineering phases to explore a more iterative approach for development of faster and more adaptable software. Proficiency in programming is expected of the students entering this course. Graduate equivalent: SWEG 5312. Previously SW 0312.

**SWEG 4320 Software Testing and Maintenance****3 Credits****Prerequisite:** SWEG 3301.

This course will cover in-depth methods for software testing, reliability and maintenance of software. Students will learn the principles of software testing and how to apply software testing techniques to the development of quality software and how to deploy software systems, maintain, enhance, and reuse software systems. Graduate equivalent: SWEG 5320. Previously SW 0320.

**SWEG 4321 Software Project Management****3 Credits****Prerequisite:** SWEG 3301.

This course explores and practices fundamental project management skills and life cycles required for both the successful management and development of software. Quality management principles of Personal Software Process (PSP) and Team Software Process (TSP) are introduced and practiced. Students will learn how to develop a project plan, scope a project, identify project activities, create work breakdown structures, estimate and schedule resources, construct and analyze project network diagrams, finalize project schedule and cost based on resource activity, recruit team members, organize and manage a project team, monitor and control progress, understand critical path project management, and have knowledge of both agile and traditional project management methods. Graduate equivalent: SWEG 5321. Previously SW 0321.

**SWEG 4900 Special Topics (Shell)****3 Credits**

This course provides an in-depth study of selected topics in software engineering of particular interest to the students and instructor. The course is counted as a major elective/specialization course. The topics and prerequisites will be announced when this course is offered. Previously SW 0382.

**SWEG 4990 Independent Study****1-3 Credits**

This course is an individualized study under the supervision of the faculty member. The course emphasizes individual creativity. Students work with a faculty mentor in studying and investigating topics of current interest in software engineering. Enrollment by permission only. Previously SW 0383.

## Faculty

### Professors

Rusu, Adrian, *chair*

### Associate Professors

Rusu, Amalia

### Assistant Professor

Wang

### Lecturers

Corcoran

Galasso

Govindaraja

Kramer

Ramsey

Wilson

## Computer Science Major (BA)

The BA in Computer Science program supports the mission of the University by providing a flexible curriculum focusing on the advanced practices of computer science grounded in a strong liberal arts core curriculum. Students have the flexibility to choose a wider range of elective courses, which can also allow them to pursue a variety of minors or even double majors. Students may obtain a concentration in Computer Engineering or Software Engineering.

The Program Educational Objectives (PEOs) are broad statements that describe what alumni do within a few years following graduation. The BA in Computer Science program is committed to our alumni who, within a few years of their graduation, are expected to:

1. Be employed in a field that makes use of computer science background.
2. Continue the process of life-long learning through formal and informal education.
3. Communicate effectively.
4. Practice professional ethics with social responsibility.

The program emphasizes the complete development of computing-based solutions. Students learn how to gather requirements, design, develop, test, deploy, and maintain software using rigorous computing practices. They are taught how to leverage technology to create flexible and scalable applications and to address the challenges that arise during the development process. Also, the program exposes students to a range of other disciplines, such as the physical sciences, social sciences, languages and literature, and the arts, so they gain a broad understanding of the computer science environment.

Fairfield's computer science curriculum encompasses a truly unique combination of experiences:

- **Experiential Hands-On Learning:** A unique curriculum provides opportunities for computer science students to obtain the equivalent of 20 months of real-world experience through a sophomore year service-learning initiative, a junior year entrepreneurial experience, and an industry-based senior capstone project.
- **Cross-Disciplinary Engineering Exposure:** As part of the School of Engineering, computer science students have access to other engineering disciplines and engineering-heavy industries, which expands career opportunities exponentially.
- **Student Mentoring:** By volunteering as high school mentors, students learn valuable management skills, they become comfortable explaining highly technical concepts simply and clearly, and they experience the satisfaction of sharing their knowledge to help others.
- **Liberal Arts Core:** A strong foundation in the liberal arts encourages engineers to think critically, design imaginatively, communicate clearly and collaborate productively.
- **Academic/Research Activities and Internship:** Companies from a variety of domains, such as The Weather Company (visualization), Servo-Robot (artificial intelligence and user interface design), Federal Aviation Administration (software engineering and data mining), Saugatuck Energy (artificial intelligence) have an on-campus presence and provide computer science students opportunities to interact with industry leaders.

## Requirements

### Bachelor of Arts in Computer Science

122 credits

For a major in computer science, students complete the following:

Code	Title	Credits
<b>Foundation Courses</b>		
CPSC 1101	Introduction to Computing	3
CPSC 1131	Fundamentals of Programming	3
CPSC 2231	Programming Workshop	3
CPSC 2231L	Programming Workshop Lab	1
CPSC 2232	Data Structures	3
CPSC 2232L	Data Structures Lab	1
<b>Computing and Software Depth</b>		
CPSC 2250L	Computer Science Sophomore Clinic	1
CPSC 2304	Web Development	3
CPSC 3351L	Computer Science Junior Clinic I	1
CPSC 3352L	Computer Science Junior Clinic II	1
CPSC 3354	Theory of Programming Languages	3
SWEG 3301	Software Engineering Methods	3
SWEG 3302	Software Design Methods	3
Select four major elective courses <sup>1</sup>		12
Total Credits		41

<sup>1</sup> Major electives are chosen from the department, but may be chosen from among other courses with approval of advisor and department chair.

## Concentrations

Concentrations in Software Engineering and Computer Engineering are available to students majoring in Computer Science. These concentrations build on required courses in the program and require students to complete additional credits.

### Computer Engineering Concentration

Code	Title	Credits
CPEG 2245 & 2245L	Digital Design I and Digital Design I Lab	4
CPEG 3346	Computer Systems Architecture	3
Select two courses from the following:		6-7
CPEG 3246	Digital Electronics Design II	
CPEG 3331	Biomedical Signal Processing	
CPEG 4320 or CPSC 431	Computer Networks or Network Security	
CPEG 4332	Biomedical Imaging	
ELEG 3348 & 3348L	Embedded Microcontrollers and Embedded Microcontrollers Lab	
Total Credits		13-14

## Software Engineering Concentration

Code	Title	Credits
SWEG 3301 & CPSC 3351L	Software Engineering Methods and Computer Science Junior Clinic I	4
SWEG 3302 & CPSC 3352L	Software Design Methods and Computer Science Junior Clinic II	4
SWEG 4320	Software Testing and Maintenance	3
SWEG 4321 or SWEG 4312	Software Project Management Agile Software Engineering	3
Total Credits		14

## Plan of Study

A typical, full-time, four-year plan of study appears below. Some variation may be possible. Students should always discuss their individual plan of study with their advisor prior to registering for courses.

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CPSC 1101 or ENGR 1031	Introduction to Computing (placement based) or Fundamentals of Engineering	3
ENGL 1001	Introduction to Rhetoric and Composition	3
MATH 1121	Applied Calculus I	3
PHIL 1101	Introduction to Philosophy	3
Modern/Classical Language Orientation Tier <sup>5</sup>		3
Credits		15
<b>Spring</b>		
CPSC 1131	Fundamentals of Programming	3
MATH 1122	Applied Calculus II	3
Literature Exploration Tier <sup>7</sup>		3
Religious Studies Orientation Tier <sup>1</sup>		3
General Elective <sup>8</sup>		3
Credits		15
<b>Second Year</b>		
<b>Fall</b>		
CPSC 2250L	Computer Science Sophomore Clinic	1
CPSC 2231	Programming Workshop	3
CPSC 2231L	Programming Workshop Lab	1
CPSC 2304	Web Development	3
Behavioral and Social Sciences Exploration Tier <sup>3</sup>		3
History Orientation Tier <sup>1</sup>		3
Natural Science Exploration Tier <sup>9</sup>		3
Credits		17
<b>Spring</b>		
CPSC 2232	Data Structures	3
CPSC 2232L	Data Structures Lab	1
Behavioral and Social Sciences Exploration Tier <sup>3</sup>		3
History or Philosophy or Religious Studies Exploration Tier <sup>2</sup>		3
History or Philosophy or Religious Studies Exploration Tier <sup>2</sup>		3
General Elective <sup>8</sup>		3
Credits		16

## Third Year

<b>Fall</b>		
CPSC 3351L	Computer Science Junior Clinic I	1
SWEG 3301	Software Engineering Methods	3
Natural Sciences Exploration Tier <sup>9</sup>		3
General Elective <sup>8</sup>		3
General Elective <sup>8</sup>		3
General Elective <sup>8</sup>		3
Credits		16
<b>Spring</b>		
SWEG 3302	Software Design Methods	3
CPSC 3352L	Computer Science Junior Clinic II	1
Major Elective <sup>4</sup>		3
Visual and Performing Arts Exploration Tier <sup>6</sup>		3
General Elective <sup>8</sup>		3
General Elective <sup>8</sup>		3
Credits		16

## Fourth Year

<b>Fall</b>		
CPSC 3354	Theory of Programming Languages	3
Major Elective <sup>4</sup>		3
General Elective <sup>8</sup>		3
General Elective <sup>8</sup>		3
General Elective <sup>8</sup>		3
Credits		15
<b>Spring</b>		
Major Elective <sup>4</sup>		3
Major Elective <sup>4</sup>		3
General Elective <sup>8</sup>		3
General Elective <sup>8</sup>		3
Credits		12
Total Credits		122

<sup>1</sup> Choose an appropriate History or Religious Studies course at the 1000 level.

<sup>3</sup> Core Social Science course may be filled by appropriate courses in Communication, Economics, Psychology, Politics, or Sociology and Anthropology.

<sup>4</sup> Major electives are chosen from the department, but may be chosen with approval of advisor and department chair from among other courses.

<sup>5</sup> Choose any language offered by the Department of Modern Languages and Literatures, based on placement exam.

<sup>6</sup> Visual and Performing Art History courses may be chosen from Art History, Music, Film, Television, and Media Arts, Studio Art, or Theatre.

<sup>7</sup> Approved English, Modern Languages and Literatures, or Classics courses.

<sup>8</sup> General Electives may be chosen from any courses offered at the university, and are frequently chosen to help fulfill requirements toward a chosen minor.

<sup>9</sup> Natural science elective is typically met by any course in Biology, Chemistry, or Physics, as well as some courses in Anthropology.



## Computer Science Major (BS)

The BS in Computer Science program supports the mission of the University by providing a curriculum focusing on the most advanced practices of computer science through continued assessment by employers, alumni, faculty and students. The BS in Computer Science program is preparing for accreditation by the Computing Accreditation Commission of ABET (<http://www.abet.org/>). Students may obtain a concentration in Computer Engineering or Software Engineering.

The Program Educational Objectives (PEOs) are broad statements that describe what alumni do within a few years following graduation. The BS in Computer Science program is committed to our alumni who, within a few years of their graduation, are expected to:

1. Apply their in-depth understanding in areas of computer science and engineering to solve problems in a modern technological society as productive computer scientists or engineers and/or enter and succeed in a graduate program.
2. Function effectively, both individually and within multi-disciplinary teams.
3. Continue as lifelong learner to develop their computing and engineering abilities, problem-solving skills, and aptitude for innovation.
4. Practice professional ethics with social and cyber responsibility through service in the framework of a global technical community.

Student Outcomes:

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Apply computer science theory and software development fundamentals to produce computing-based solutions.

The program emphasizes the complete process of developing computing-based solutions. Students learn how to gather requirements, design, develop, test, deploy, and maintain software using rigorous computing practices. They are taught how to leverage technology to create flexible and scalable applications and to address the challenges that arise during the development process. Also, the program exposes students to a range of other disciplines, such as the physical sciences, social sciences, economics, and business so they gain an understanding of the real world scenarios that make up the computer science environment. Theoretical courses are supported by rigorous laboratory tasks.

Fairfield's computer science curriculum encompasses a truly unique combination of experiences:

- **Experiential Hands-On Learning:** A unique curriculum guarantees computer science students the equivalent of 20 months of real-world experience through a sophomore year service-learning initiative, a junior year entrepreneurial experience, and an industry-based senior capstone project.

- **Cross-Disciplinary Engineering Exposure:** As part of the School of Engineering, computer science students have access to other engineering disciplines and engineering-heavy industries, which expands career opportunities exponentially.
- **Student Mentoring:** By volunteering as high school mentors, students learn valuable management skills, they become comfortable explaining highly technical concepts simply and clearly, and they experience the satisfaction of sharing their knowledge to help others.
- **Liberal Arts Core:** A strong foundation in the liberal arts encourages engineers to think critically, design imaginatively, communicate clearly and collaborate productively.
- **Academic/Research Activities and Internship:** Companies from a variety of domains, such as The Weather Company (visualization), Servo-Robot (artificial intelligence and user interface design), Federal Aviation Administration (software engineering and data mining), Saugatuck Energy (artificial intelligence) have an on-campus presence and provide computer science students opportunities to interact with industry leaders.

## Requirements

### Bachelor of Science in Computer Science

127 credits

#### Major Requirements

For a major in Computer Science, students complete the following:

Code	Title	Credits
<b>Foundation Courses</b>		
CPEG 2245 & 2245L	Digital Design I and Digital Design I Lab	4
CPSC 1101	Introduction to Computing (placement based)	3
or ENGR 1031	Fundamentals of Engineering	
CPSC 1131	Fundamentals of Programming	3
CPSC 2231 & 2231L	Programming Workshop and Programming Workshop Lab	4
CPSC 2232 & 2232L	Data Structures and Data Structures Lab	4
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4
MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	4
MATH 2231	Discrete Mathematics	3
Select two elective courses in Mathematics		6
<b>Depth Courses</b>		
CPEG 3346	Computer Systems Architecture	3
CPSC 2250L	Computer Science Sophomore Clinic	1
CPSC 2304	Web Development	3
CPSC 3333	Introduction to Cybersecurity	3
CPSC 3343	Design and Analysis of Algorithms	3
CPSC 3351L	Computer Science Junior Clinic I	1
CPSC 3352L	Computer Science Junior Clinic II	1
CPSC 3354	Theory of Programming Languages	3
ENGR 4961	Senior Design Project I	3
ENGR 4962	Senior Design Project II	3



SWEG 3301	Software Engineering Methods	3
SWEG 3302	Software Design Methods	3
Select five major elective courses in computer science and engineering <sup>1</sup>		15
Total Credits		80

<sup>1</sup> Major electives are chosen from the department, under advisement of the faculty advisor and department chair.

## Concentrations

Concentrations in Software Engineering and Computer Engineering are available to students majoring in Computer Science. These concentrations build on required courses in the program and require students to complete additional credits.

### Computer Engineering Concentration

Code	Title	Credits
CPEG 2245 & 2245L	Digital Design I and Digital Design I Lab	4
CPEG 3346	Computer Systems Architecture	3
Select two courses from the following:		6-7
CPEG 3246	Digital Electronics Design II	
CPEG 3331	Biomedical Signal Processing	
CPEG 4320	Computer Networks or CPSC 431 Network Security	
CPEG 4332	Biomedical Imaging	
ELEG 3348 & 3348L	Embedded Microcontrollers and Embedded Microcontrollers Lab	
Total Credits		13-14

### Software Engineering Concentration

Code	Title	Credits
SWEG 3301 & CPSC 3351L	Software Engineering Methods and Computer Science Junior Clinic I	4
SWEG 3302 & CPSC 3352L	Software Design Methods and Computer Science Junior Clinic II	4
SWEG 4320	Software Testing and Maintenance	3
SWEG 4321 or SWEG 4312	Software Project Management Agile Software Engineering	3
Total Credits		14

## Plan of Study

A typical four-year full-time plan of study appears below. Some variation may be possible. Students should always discuss their individual plan of study with their advisor prior to registering for courses.

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CPSC 1101 or ENGR 1031	Introduction to Computing (placement based) or Fundamentals of Engineering	3
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4

Modern/Classical Language Orientation Tier <sup>5</sup>	3
Natural Sciences Exploration Tier <sup>9</sup>	4
Credits	14

#### Spring

CPSC 1131	Fundamentals of Programming	3
ENGL 1001	Introduction to Rhetoric and Composition	3
MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	4
PHIL 1101	Introduction to Philosophy	3
Natural Sciences Exploration Tier <sup>9</sup>		4
Credits		17

#### Second Year

##### Fall

CPSC 2231	Programming Workshop	3
CPSC 2231L	Programming Workshop Lab	1
CPSC 2250L	Computer Science Sophomore Clinic	1
CPSC 2304	Web Development	3
MATH 2231	Discrete Mathematics	3
Math Elective		3-4
Religious Studies Orientation Tier <sup>1</sup>		3
Credits		17-18

##### Spring

CPEG 2245	Digital Design I	3
CPEG 2245L	Digital Design I Lab	1
CPSC 2232	Data Structures	3
CPSC 2232L	Data Structures Lab	1
History Orientation Tier <sup>1</sup>		3
Literature Exploration Tier <sup>7</sup>		3
Math Elective		3-4
Credits		17-18

#### Third Year

##### Fall

CPEG 3346	Computer Systems Architecture	3
CPSC 3343	Design and Analysis of Algorithms	3
CPSC 3351L	Computer Science Junior Clinic I	1
SWEG 3301	Software Engineering Methods	3
History or Philosophy or Religious Studies Exploration Tier <sup>2</sup>		3
History or Philosophy or Religious Studies Exploration Tier <sup>2</sup>		3
Credits		16

##### Spring

CPSC 3333	Introduction to Cybersecurity	3
CPSC 3352L	Computer Science Junior Clinic II	1
CPSC 3354	Theory of Programming Languages	3
SWEG 3302	Software Design Methods	3
Behavioral and Social Sciences Exploration Tier <sup>3</sup>		3
Visual and Performing Arts Exploration Tier <sup>6</sup>		3
Credits		16

#### Fourth Year

##### Fall

ENGR 4961	Senior Design Project I	3
Behavioral and Social Sciences Exploration Tier <sup>3</sup>		3
Major Elective <sup>4</sup>		3

Major Elective <sup>4</sup>	3
General Elective <sup>8</sup>	3
Credits	15
<b>Spring</b>	
ENGR 4962 Senior Design Project II	3
Major Elective <sup>4</sup>	3
Major Elective <sup>4</sup>	3
Major Elective <sup>4</sup>	3
General Elective <sup>8</sup>	3
Credits	15
Total Credits	127

- <sup>1</sup> Choose an appropriate History or Religious Studies course at the 1000 level.
- <sup>2</sup> Choose any appropriate Religious Studies, History, or Philosophy core course.
- <sup>3</sup> Core Social Science course may be filled by appropriate courses in Communication, Economics, Psychology, Politics, or Sociology and Anthropology.
- <sup>4</sup> Major electives are chosen from the department, under advisement of your faculty advisor and department chair
- <sup>5</sup> Choose any language offered by the Department of Modern Languages and Literatures, based on a placement exam.
- <sup>6</sup> Visual and Performing Art History courses may be chosen from Art History, Music, Film, Television, and Media Arts, Studio Art, or Theatre.
- <sup>7</sup> Approved English, Modern Languages and Literatures, or Classics courses.
- <sup>8</sup> General Electives may be chosen from any courses offered at the university, and are frequently chosen to help fulfill requirements toward a chosen minor
- <sup>9</sup> Lab science elective is typically met by any lab course in Biology, Chemistry, or Physics.

## Computer Science and Mathematics Double Major

### Requirements

To earn a double major in computer science and mathematics, students will prepare a custom plan of study. Students generally complete the following:

Code	Title	Credits
CPEG 2245 & 2245L	Digital Design I and Digital Design I Lab	4
CPEG 3346	Computer Systems Architecture	3
CPSC 1101	Introduction to Computing	3
CPSC 1131	Fundamentals of Programming	3
CPSC 2231 & 2231L	Programming Workshop and Programming Workshop Lab	4
CPSC 2232 & 2232L	Data Structures and Data Structures Lab	4
CPSC 2250L	Computer Science Sophomore Clinic	1
CPSC 2304	Web Development	3

CPSC 3333	Introduction to Cybersecurity	3
CPSC 3343	Design and Analysis of Algorithms	3
CPSC 3351L	Computer Science Junior Clinic I	1
CPSC 3352L	Computer Science Junior Clinic II	1
CPSC 3354	Theory of Programming Languages	3
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4
or MATH 1171	Calculus I	
MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	4
or MATH 1172	Calculus II	
MATH 2231	Discrete Mathematics	3
MATH 2235	Linear Algebra	3
MATH 2243	Calculus III for Chemistry, Engineering, and Physics Majors	4
or MATH 2273	Multivariable Calculus	
MATH 3336	Abstract Algebra	3
MATH 3337	Number Theory	3
MATH 3342	Theory of Computation	3
MATH 3371	Real Analysis	3
SWEG 3301	Software Engineering Methods	3
SWEG 3302	Software Design Methods	3
Select 3 courses from Computer Science major electives or 3000-level mathematics		9
Total Credits		81

## Computer Science Minor

To earn a 20-credit minor in computer science, students complete the following:

Code	Title	Credits
CPSC 1101	Introduction to Computing	3
CPSC 1131	Fundamentals of Programming	3
CPSC 2231	Programming Workshop	3
CPSC 2231L	Programming Workshop Lab	1
CPSC 2232	Data Structures	3
CPSC 2232L	Data Structures Lab	1
Select 2 additional electives in computer science <sup>1</sup>		6
Total Credits		20

- <sup>1</sup> Major electives are chosen from the department, but may be chosen from other departments with approval of advisor and department chair.

## Applied Data Science Five-Year Dual Degree Bachelor of Arts and Master of Science Program

A five-year dual-degree program is offered in Applied Data Sciences at Fairfield University's School of Engineering, leading to a Bachelor of Arts in Computer Science and a Master of Science in Applied Data Sciences. This program embraces the educational objectives of the BA in Computer Science (p. 305) program, as well as those of the graduate program in Applied Data Sciences (<http://catalog.fairfield.edu/graduate/engineering/>)

programs/applied-data-science/). It emphasizes experiential learning and innovation. Graduates of the program master the knowledge and tools they need to become data scientists. Data is ubiquitous in the modern world, and data scientists with skills and knowledge to analyze that data are a valuable, sought-after resource.

## Requirements

Code	Title	Credits
All Requirements for BA in Computer Science <sup>1</sup>		122
MATH 5417	Applied Statistics I	3
SWEG 5322	Visual Analytics	3
SWEG 6508	Data Warehouse Systems	3
SWEG 6518	Data Mining and Business Intelligence	3
<b>Concentration Courses</b>		
Complete two courses in one of the following concentration areas: <sup>2</sup>		6
<b>Health Analytics</b>		
NURS 7602	Healthcare Economics and Marketing	
NURS 7613	Finance and Quality Management in Healthcare Organizations	
<b>Computational Analytics</b>		
SWEG 5357	Database Management Systems	
SWEG 6461	Pattern Recognition	
<b>Bioinformatics</b>		
BIOL 5365	Evolutionary Biology	
SWEG 5315	Computational Biology	
SWEG 5317	Computational Statistics for Biomedical Sciences	
<b>Behavioral Analytics</b>		
PSYC 5320	Gender and Mental Health	
<b>Social Analytics</b>		
SOCI 5110	Race, Cities, and Poverty	
SOCI 5100	American Class Structure	
SOCI 5300	Sociology of Education	
<b>Graduate Electives</b>		
Select two additional graduate-level electives from the following: <sup>4</sup>		6
<b>Computing Technical Electives</b>		
SWEG 5355	Artificial Intelligence	
SWEG 5349	Cloud Computing	
SWEG 5360	Machine Learning	
SWEG 6499	Algorithms	
SWEG 6505	Advanced Database Concepts	
SWEG 6530	Applications and Data Security	
<b>Mathematics Electives</b>		
MATH 5418	Applied Statistics II	
MATH 5451	Probability Theory	
MATH 5452	Statistics Theory	
<b>Capstone Sequence</b>		
SWEG 6961	Capstone Professional Project I	3
SWEG 6962	Capstone Professional Project II	3
Total Credits		152

- <sup>1</sup> Requirements are the same as those for the BA in Computer Science (p. 305).
- <sup>2</sup> The two graduate concentration courses, to be taken during the final year of undergraduate study, are in addition to the required 122 credits for the BA, and will be applied to the graduate degree.
- <sup>3</sup> Electives may be chosen from courses listed, SWEG 5990 Independent Study, or any other graduate-level course from a concentration or another area, under advisement of the academic advisor and department chair.

**Note:** A minimum of 30 credits must be completed at the graduate level.

## Changing from Undergraduate to Graduate Status

Students may request a change of status from the undergraduate to the undergraduate/graduate combined plan of study at any point after the following conditions are met, with approval from their academic advisor and the department chair:

- Completed 60+ credits toward the BA in Computer Science.
- Successfully completed 6 courses in Software Engineering or Computer Science with a GPA of 3.00 or higher.
- Have an overall GPA of 3.00 or higher.

Students will be awarded both the BA in Computer Science, typically at the end of the fourth year, and MS in Applied Data Science, usually by the end of the fifth year, as the requirements of each degree are satisfied.

## Software Engineering Five-Year Dual Degree Bachelor and Master of Science Program

A five-year program is offered in Software Engineering at Fairfield's School of Engineering, leading to a Bachelor of Science and Master of Science dual degree. This program embraces the educational objectives of the BS in Computer Science (p. 307) program, as well as those of the graduate program in Software Engineering. It emphasizes experiential learning in terms of industrial internships following the sophomore year, and a final capstone project that guides students through a process of design and innovation at the level of a professional engineer. Graduates of the program master the knowledge and tools they need to create the next generation of software solutions to ever more complex technological and societal problems.

## Requirements

### Dual Degree Curriculum

Code	Title	Credits
Requirements for BS in Computer Science <sup>1</sup>		127
Select 8 additional graduate-level electives in Software Engineering <sup>2</sup>		24
Total Credits		151

- <sup>1</sup> Requirements are those listed (p. 307) for the BS in Computer Science. There are two options for graduation:
1. Students take SWEG 6961 and SWEG 6962 during year five, in lieu of ENGR 4961 and ENGR 4962 during the fourth year and claim both degrees at the end of 5th year
  2. Students take ENGR 4961 and ENGR 4962 during the fourth year and claim the BS, and complete either SWEG 6961 and SWEG 6962 or SWEG 6971 and SWEG 6972 in the 5th year and claim the MS.

Students should consult their advisor regarding these options.

- <sup>2</sup> Major electives are chosen from the department, with approval of advisor and department chair from among other courses offered in the School of Engineering

## Changing from Undergraduate to Graduate Status

Students may request a change of status from the undergraduate to the undergraduate/graduate combined plan of study at any point after the following conditions are met, with approval from their academic advisor and the department chair:

- Completed 60+ credits toward the BS in Computer Science.
- Successfully completed 6 courses in Software Engineering or Computer Science with a GPA of 3.00 or higher.
- Have an overall GPA of 3.00 or higher.

Students must discuss with their academic advisor which graduation option should they choose before registration for classes for their fourth year. Depending on the option, they could receive the BS at the end of their fourth year if all undergraduate requirements are met, or simultaneously with the MS at the end of the fifth year otherwise.

**A minimum of 30 credits must be completed at the graduate level.**

## Electrical and Computer Engineering

The Electrical and Computer Engineering department administers the Bachelor of Science degree program in Electrical Engineering that is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET (<https://www.abet.org/>)), as well as a graduate program granting the Master of Science in Electrical and Computer Engineering. The undergraduate electrical engineering program also offers a computer engineering option.

These programs support the mission of the University by providing students with appropriate curricula and educational experiences.

For the first year of study, all our engineering programs place major emphasis on the fundamentals of engineering and computer science, mathematics, and the basic sciences to provide the background for later engineering science and design courses. Following preparatory work, the fundamentals of electrical, computer, mechanical, and materials engineering concepts are developed. Advanced courses in electrical and computer engineering further develop knowledge in these engineering disciplines. Students may specialize in a specific area of interest to them, and in accord with their specific career objectives, by taking elective courses that provide depth in that area.

- Electrical and Computer Engineering Five-Year Dual Degree Bachelor and Master of Science Program (p. 316)

## Courses

### Computer Engineering

#### CPEG 2245 Digital Design I

**3 Credits**

**Corequisite:** CPEG 2245L.

An introduction to computer hardware design. Topics include: digital design principles, Boolean algebra, combinational logic design, sequential logic design, registers, counters, memory, multiplexers, finite state machines, radix conversion, and programmable logic devices. Students learn to write, implement, and simulate elementary digital design. Previously CR 0245.

#### CPEG 2245L Digital Design I Lab

**1 Credit**

**Fee:** \$100 Engineering Lab Fee

**Corequisite:** CPEG 2245.

This lab course covers the practical aspects of digital logic design. Students design and implement logic circuits using techniques taught in CPEG 2245. Students gain experience using state of the art design software and development boards, which use modern field programmable gate array (FPGA) technology. Previously CR 0245L.

#### CPEG 3246 Digital Electronics Design II

**3 Credits**

**Prerequisite:** CPEG 2245.

This course examines computer architecture implemented using a hardware design language and programmable logic devices. Students learn the VHDL hardware description language, and learn to use modern design, simulation, and synthesis software. Students design, verify, build and test digital logic circuits using industry standard development boards, and field programmable gate array (FPGA) technology. Graduate equivalent: ECEG 5406. Previously CR 0246.

#### CPEG 3331 Biomedical Signal Processing

**3 Credits**

**Prerequisites:** CPSC 1131 or SWEG 5407; MATH 1142.

This course presents an overview of different methods used in biomedical signal processing. Signals with bioelectric origin are given special attention and their properties and clinical significance are reviewed. In many cases, the methods used for processing and analyzing biomedical signals are derived from a modeling perspective based on statistical signal descriptions. The purpose of the signal processing methods ranges from reduction of noise and artifacts to extraction of clinically significant features. The course gives each participant the opportunity to study the performance of a method on real, biomedical signals. Graduate equivalent: ECEG 5331. Previously CR 0331.

#### CPEG 3346 Computer Systems Architecture

**3 Credits**

**Prerequisite:** CPEG 2245.

This course introduces the machine language and various components of a computer hardware in modern computer systems. The course focuses on CPU, memory, bus, cache, I/O module, internal data representation, and instruction set design. It also covers pipelining, superscalar architecture, reduced instruction set computers, parallel architectures, and interconnection networks. Graduate equivalent: ECEG 5346. Previously CR 0346.

## Programs

- Electrical Engineering Major (p. 314)
  - Concentration in Computer Engineering

**CPEG 4320 Computer Networks****3 Credits****Prerequisites:** CPSC 1131, MATH 4351.

This course covers principles of networking and network programming. Topics include OSI layers, elementary queuing theory, protocol analysis, multi-threading, command-line interpreters, and monitors. Students write a distributed computing system and check their performance predictions with experiments. Graduate equivalent: ECEG 5460. Previously CR 0320.

**CPEG 4325 Computer Graphics****3 Credits****Prerequisite:** CPSC 1131.

This course supports the visualization and computer systems domain, offering an introductory treatment to two-dimensional and three-dimensional computer graphics concepts. Students write computer games and employ their knowledge to imbue them with realism. High performance rendering uses the latest in cutting edge hardware-accelerated graphics processors. Graduate equivalent: ECEG 5325. Previously CR 0325.

**CPEG 4332 Biomedical Imaging****3 Credits****Prerequisite:** BIEG 3331 or CPEG 3331.

The fundamentals and applications of medical imaging techniques will be presented, including x-ray and computed tomography, nuclear imaging, ultrasound, and MRI. Image processing and analysis techniques will be introduced through suitable programming exercises. Graduate equivalent: ECEG 5332. Previously CR 0332.

**CPEG 4333 Biomedical Visualization****3 Credits****Prerequisite:** CPSC 1131.

This course is an introduction to 3-D biomedical visualization. Various technologies are introduced, including ultrasound, MRI, CAT scans, PET scans, etc. Students will learn about spatial data structures, computational geometry and solid modeling with applications in 3-D molecular and anatomical modeling. Graduate equivalent: ECEG 5333. Previously CR 0333.

## Electrical Engineering

**ELEG 2213 Introduction to Electric Circuits****3 Credits****Prerequisites:** MATH 1142, PHYS 1172, PHYS 1172L.

This course introduces engineering students to the analysis of linear electric circuits. The course covers the basic laws of circuit behavior and analysis techniques, including descriptions of circuit elements and electronic variables, and considers circuit theorems and principles for insightful analysis of electrical circuits. The course introduces basic concepts and analysis of networks. Previously EE 0213.

**ELEG 2213L Electric Circuits Lab****1 Credit****Fee:** \$100 Engineering Lab Fee**Corequisite:** ELEG 2213.

Students use common electrical laboratory instruments (oscilloscopes, meters, and signal generators) and elemental circuit components to construct and analyze basic electrical circuits. They study the application of circuit theorems and circuit elements (RL and RC); conduct experiments with transient, steady state, and frequency response; and use software applications to simulate and analyze circuit performance. Previously EE 0213L.

**ELEG 2221 Frequency Domain Circuit Analysis****3 Credits****Prerequisites:** ELEG 2213, MATH 2243.

Students perform frequency domain analysis of passive and active circuits, study transient and AC circuit analysis manually and with computer-aided applications, and examine the transient response of first and second order circuits. The course introduces pole and zero concepts and applies them to circuit analysis, and introduces computer methods of circuit analysis and design. Previously EE 0221.

**ELEG 3231 Introduction to Electronics Circuits and Devices****3 Credits****Prerequisite:** ELEG 2213.

This first course in electronics teaches basic principles and technologies to understand, analyze, and design electronic circuits. The course reviews the properties of semiconductor materials used in the fabrication of diodes, bipolar junction transistors, and field effect transistors. Students analyze amplifier biasing techniques and develop circuit models of semiconductor devices that are used to analyze and design electronic circuits. Computer simulations of circuits are used to illustrate the fundamental principles. Previously EE 0231.

**ELEG 3231L Electronics Circuits Lab****1 Credit****Fee:** \$100 Engineering Lab Fee**Corequisite:** ELEG 3231.

Students build and test circuits using diodes, bipolar junction transistors, and MOSFETs. They use the principles developed in ELEG 3231 to analyze, build, and test amplifier and oscillator circuits. Previously EE 0231L.

**ELEG 3301 Signal and Systems I****3 Credits****Prerequisites:** ELEG 2221, MATH 2251 (concurrency allowed).

This course studies and classifies continuous and discrete signals and systems. It presents time domain and discrete analysis of signals using the Fourier series, Laplace transforms, Fourier transforms, z-transforms, and fast Fourier transforms (e.g., differential equations, convolution, concept and meaning of impulse response); and examines frequency domain analysis, the Fourier series, and the Fourier transform as an alternative to time domain analysis. Students gain further insights into signal and system properties through the Laplace transform methods and the concept of the transfer function. Previously EE 0301.

**ELEG 3348 Embedded Microcontrollers****3 Credits****Corequisite:** ELEG 3348L.**Prerequisite:** CPEG 2245.

This course covers the architecture of microcontrollers, including how they are constructed internally and how they interface with external circuitry. Applications for microcontrollers in both complex and simple equipment are discussed. Students learn how to apply and how to select a microcontroller for a given application. Students will learn to program the microcontroller to develop programming skills. The software tools will be used to develop software code for practical applications such as servo motor control, sensor reading, and data display. An accompanying laboratory course covers the programming of microprocessors to do a specific task. An accompanying laboratory course covers the programming of microprocessors to do a specific task. This course covers the programming and application of the PIC microcontroller. Students are able to develop programming skills using assembly language and software tools such as MPLAB IDE and MultiSim MCU. These tools are used to develop software code for practical applications such as motor speed control and voltage regulation for power supplies. Graduate equivalent: ECEG 5348. Previously EE 0346.

**ELEG 3348L Embedded Microcontrollers Lab****1 Credit****Fee:** \$100 Engineering Lab Fee**Corequisite:** ELEG 3348.

This laboratory covers the basic operation and applications of a microcontroller. Students learn to program a microcontroller to control applications, such as motor speed, by the use of an emulator connected to a PC. They design a circuit using a microcontroller for a specific application and write a program to control the circuit. On completion of the program, they use the emulator to program an actual microcontroller for use in their circuits. Previously EE 0346L.



**ELEG 4315 Nanoelectronics I****3 Credits**

Building on the two introductory courses in nanotechnology, this course is the first of two that describe how nanotechnology can be integrated into the electronics industry. The unique electrical, mechanical, and optical properties of structures in the nanometer range and how they may be applied to electronics products are discussed. Principles of electronic materials, semiconductor devices, and microfabrication techniques will be extended to the nanoscale. Students will increase their knowledge of electronic structure, quantum mechanics, and the behavior of optoelectronic and low-dimensional systems. Students make extensive use of the available literature to seek out potential applications of nanotechnology. Intended for students interested in the minor in nanotechnology/nanoelectronics track. Graduate equivalent: ECEG 5315. Previously EE 0315.

**ELEG 4331 Analog Electronics Design****3 Credits****Corequisite:** ELEG 4331L.**Prerequisites:** ELEG 2221, ELEG 3231.

This advanced course in electronics examines high frequency response of bipolar junction transistor and field-effect transistor amplifiers using hybrid two-port active device models. Students consider the effect of feedback and frequency compensation techniques on the amplifier response and study a variety of analog circuits with respect to their analysis and applications, including active filters, oscillators, waveform generation and shaping, voltage regulator, and communication circuits. The course introduces basic power electronics device components. Previously EE 0331.

**ELEG 4331L Analog Electronics Lab****1 Credit****Corequisite:** ELEG 4331.

This advanced lab provides insight into the functions of various application-specific electronic circuits. Experiments characterize functioning of various analog systems, such as oscillators, active filters, waveform generation and shaping circuits, and voltage regulator circuits. Previously EE 0331L.

**ELEG 4335 Microelectronics****3 Credits****Prerequisite:** ELEG 4331.

This course covers three methods of fabricating high-density interconnection structures for manufacturing microelectronic assemblies: thick films, thin films, and printed circuit boards. The thick and thin film technologies use substrates of metalized ceramic to make the interconnections between components and are capable of fabricating integrated resistors with high precision and stability. The printed circuit board technology uses organic materials with copper laminates to etch the interconnection patterns. The individual layers are laminated to produce the multilayer structure, but do not include integrated resistors. Each of the technologies is examined to determine the electrical and physical properties of the structures. Such parameters as distributed capacitance and how they affect circuit performance are discussed. In the laboratory accompanying the course, students have the opportunity to fabricate thick and thin film circuits and to examine the structure of printed circuit boards. Graduate equivalent: ECEG 5335. Previously EE 0335.

**ELEG 4355 Sensor Design and Applications****3 Credits****Prerequisite:** ELEG 2213.

This course covers the design, fabrication, and properties of sensors intended to measure a variety of parameters, such as stress, temperature, differential pressure, and acceleration. Sensors of different types are used in a wide range of equipment, especially automated equipment, to detect changes in state and to provide the signals necessary to control various functions. Sensors are generally connected to electronics systems that process and distribute the signals. The support electronics must identify the signal, separate it from noise and other interference, and direct it to the appropriate point. These support electronics are a critical part of the sensor technology; students discuss their design and packaging in detail. Graduate equivalent: ECEG 5355. Previously EE 0355.

**ELEG 4360 Power Electronics****3 Credits****Prerequisites:** ELEG 2221, ELEG 3301.

This course covers the design and operation of power electronics circuits, such as power supplies and motor controls. Using electronic circuit models for transistors and diodes developed in earlier courses, students analyze and design power circuits. Particular attention is paid to power dissipation and packaging. Previously EE 0360.

**ELEG 4361 Green Power Generation****3 Credits**

This course compares various methods of green power generation including solar power, wind power, water power, and several others. This course covers how power is generated from these sources, the startup costs, the efficiency, and the practicality. These methods are compared to the present most common method of using oil and gas to heat water into steam to turn turbines. The student does not necessarily need a background in engineering and any necessary background material will be covered to the understanding of all. Graduate equivalent: ECEG 5361. Previously EE 0361.

**ELEG 4377 Power Security and Reliability****3 Credits****Prerequisite:** ELEG 4385.

This course focuses on Power System Protection and Relaying to allow the design of robust and reliable power systems. After reviewing the need for protection of power system elements (motors, generators, transformers, and transmission/distribution lines), the course: Explores developments in the creation of smarter, more flexible protective systems based on advances in the computational power of digital devices and the capabilities of communication systems that can be applied within the power grid, Examines the regulations related to power system protection and how they impact the way protective relaying systems are designed, applied, set, and monitored, Considers the evaluation of protective systems during system disturbances and describes the tools available for analysis, Addresses the benefits and problems associated with applying microprocessor-based devices in protection schemes' Contains an expanded discussion of internal protection requirements at dispersed generation facilities. MatLab is used to solve homework problems and do team design projects. Graduate equivalent: ECEG 5377. Previously EE 0377.

**ELEG 4378 Electromagnetic Compatibility****3 Credits****Prerequisites:** ELEG 3231, ELEG 3301, PHYS 3271.

This course presents design techniques to minimize electromagnetic interference (EMI) from or to it. The various sources of Radio-frequency emissions from electronic systems, coupling paths for the transfer of undesired electromagnetic energy will be introduced. Electromagnetic Compatibility (EMC) requirements for electronic products will be presented along with techniques to measure EMI. High speed digital signal transmission integrity related issues and methods to overcome signal integrity will be introduced. Techniques to minimize conducted and radiated Emissions through filtering and grounding will be presented. System design for EMC will be presented. Graduate equivalent: ECEG 4378. Previously EE 0378.

**ELEG 4379 Communication Systems****3 Credits****Prerequisite:** ELEG 3301.

This course focuses on analog and digital communication systems and the effects of noise on those systems. It includes analog modulation and demodulation techniques (amplitude, frequency, and phase modulation) and digital Modulation and demodulation techniques (ASK, FSK, PSK, PCM, and delta modulation). It discusses performance analysis of analog and digital communication systems under noise with applications of probability theory to the analysis. It discusses information measure, source coding, error correcting codes and Spread spectrum systems. Graduate equivalent: ECEG 5379. Previously EE 0379.

**ELEG 4385 Power Generation and Distribution****3 Credits****Prerequisite:** ELEG 2221.

This course considers the generation and distribution of electrical power to large areas. Three-phase networks are described in detail, including both generators and loads. Methods of modeling distribution systems by per-unit parameters are covered, along with power factor correction methods. Fault detection and lightning protection methods are also described. Some economic aspects of power generation and distribution are presented. Graduate equivalent: ECEG 5385. Previously EE 0385.

**ELEG 4386 Fault Analysis in Power Systems****3 Credits****Prerequisite:** ELEG 4385.

This course covers three types of faults in electrical power grids: open lines, lines shorted to ground, and lines shorted to each other. Methods of locating faults are covered along with an analysis of the effects of such faults. Methods of protection and fault isolation are also covered. Graduate equivalent: ECEG 5386. Previously EE 0386.

**Lecturers**

Denenberg  
Govil  
Mathur  
Romansky  
Speretta  
Wu

**Electrical Engineering Major**

The electrical engineering BS program is accredited by the Engineering Accreditation Commission of ABET (<http://www.abet.org>). The electrical engineering courses have a strong design component. Students learn the theory in the classroom and put it into practice in the laboratory, resulting in graduates who can practice in industry. The electrical engineering curriculum blends theoretical knowledge with hands-on experiential learning. An interdisciplinary team-based senior design project completes the technical education.

Students desiring to obtain a background in the next generation of computer technologies can pursue the Computer Engineering concentration within the Electrical Engineering program. That option produces high-demand engineers able to develop both hardware and software solutions. They learn computer design and computer science in addition to electrical engineering, signal processing, physics, mathematics, and the liberal arts.

Close interactions with industry results in employment of our graduates in all sectors of industry, government, and academe. They are active in the areas of power, electronics, robotics and automation, computer hardware and software design, and take the lead in the research and development of new systems and applications.

The Program Educational Objectives are broad statements that describe what alumni do within a few years following graduation. Within a few years of graduation the alumni of the Electrical Engineering Program are expected to:

1. Apply their in-depth understanding in areas of electrical systems to solve problems in a modern technological society as productive engineers and/or enter and succeed in a graduate program.
2. Function effectively, both individually and within multidisciplinary teams.
3. Continue as lifelong learners to develop their engineering design abilities, problem-solving skills, and aptitude for innovation.
4. Practice professional ethics with social responsibility through service in the framework of a global technical community.

**Faculty****Professors**

Lyon

**Associate Professors**Balaji, *chair***Assistant Professors**

Belfadel

**Professors of the Practice**

Freudzon

**Instructors of the Practice**

Cavallo

**Requirements****Bachelor of Science in Electrical Engineering**

131 credits

**Natural Science Requirements**

Code	Title	Credits
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4

MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	4
MATH 2243	Calculus III for Chemistry, Engineering, and Physics Majors	4
MATH 2251	Ordinary Differential Equations	3
MATH 3351	Probability Theory	3
PHYS 1171 & 1171L	General Physics I and General Physics I Lab	4
PHYS 1172 & 1172L	General Physics II and General Physics II Lab	4
PHYS 3271	Electricity and Magnetism	3
Select one additional elective in Natural Sciences (with lab)		4
Total Credits		33

## Major Requirements

For a major in electrical engineering, students complete the following:

Code	Title	Credits
<b>Electrical and Computer Engineering Foundation Courses</b>		
CPEG 2245	Digital Design I	3
CPEG 2245L	Digital Design I Lab	1
CPSC 1131	Fundamentals of Programming	3
ELEG 2213	Introduction to Electric Circuits	3
ELEG 2213L	Electric Circuits Lab	1
ELEG 3348	Embedded Microcontrollers	3
ELEG 3348L	Embedded Microcontrollers Lab	1
ENGR 1031	Fundamentals of Engineering	3
ENGR 2130	Engineering Graphics I	3
ENGR 4961	Senior Design Project I	3
ENGR 4962	Senior Design Project II	3
Select five Electrical and Computer Engineering Major electives <sup>1</sup>		15
<b>Electrical Engineering Track</b>		
ELEG 2221	Frequency Domain Circuit Analysis	3
ELEG 3231	Introduction to Electronics Circuits and Devices	3
ELEG 3231L	Electronics Circuits Lab	1
ELEG 3301	Signal and Systems I	3
ELEG 4331	Analog Electronics Design	3
ELEG 4331L	Analog Electronics Lab	1
ENGR 2145	Mathematical Analysis	3
ENGR 4301	Feedback Control Systems	3
Select one elective in Mechanical Engineering		3
Total Credits		65

<sup>1</sup> Major Electives are courses that enable students to explore areas of interest and obtain hands-on exposure to additional topics. These courses are taken in consultation with a curriculum adviser. Options may include courses in: Power Electronics, Microelectronics, Nanoelectronics, Power Systems, Communications Systems, Computer Networking, Computer Architecture, and Digital Design II.

Note: In addition to the undergraduate courses listed, advanced juniors and seniors may take appropriate graduate courses as electives with the permission of the department chair and the instructor.

## Concentration

Students enrolled in the B.S. in Electrical Engineering degree program may also complete a concentration in Computer Engineering. The concentration consists of four courses, for a total of 13 or 14 credits. The courses include the following:

Code	Title	Credits
CPEG 3246	Digital Electronics Design II	3
CPEG 3346	Computer Systems Architecture	3
ELEG 3348 & 3348L	Embedded Microcontrollers and Embedded Microcontrollers Lab <sup>1</sup>	4
Select one course from the following:		3-4
CPEG 3331	Biomedical Signal Processing	
CPEG 4320	Computer Networks	
CPEG 4332	Biomedical Imaging	
CPSC 2232 & 2232L	Data Structures and Data Structures Lab	
Total Credits		13-14

<sup>1</sup> Required as part of the BS in Electrical Engineering degree.

## Plan of Study

A typical, full-time, four-year plan of study appears below. Some variation may be possible. Students should always discuss their individual plan of study with their advisor prior to registering for courses.

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGR 1031	Fundamentals of Engineering	3
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4
PHYS 1171	General Physics I	3
PHYS 1171L	General Physics I Lab	1
History Orientation Tier <sup>1</sup>		3
Modern/Classical Language Orientation Tier <sup>5</sup>		3
Credits		17
<b>Spring</b>		
CPSC 1131	Fundamentals of Programming	3
ENGR 2130	Engineering Graphics I	3
ENGL 1001	Introduction to Rhetoric and Composition	3
MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	4
PHYS 1172	General Physics II	3
PHYS 1172L	General Physics II Lab	1
Credits		17
<b>Second Year</b>		
<b>Fall</b>		
ELEG 2213	Introduction to Electric Circuits	3
ELEG 2213L	Electric Circuits Lab	1
MATH 2243	Calculus III for Chemistry, Engineering, and Physics Majors	4
History or Philosophy or Religious Studies Exploration Tier <sup>2</sup>		3

Literature Exploration Tier <sup>7</sup>	3
Natural Science Elective (with lab)	4
Credits	18

**Spring**

CPEG 2245	Digital Design I	3
CPEG 2245L	Digital Design I Lab	1
ELEG 2221	Frequency Domain Circuit Analysis	3
ENGR 2145	Mathematical Analysis	3
MATH 2251	Ordinary Differential Equations	3
Behavioral and Social Sciences Exploration Tier <sup>3</sup>		3
Credits		16

**Third Year****Fall**

ELEG 3231	Introduction to Electronics Circuits and Devices	3
ELEG 3231L	Electronics Circuits Lab	1
ELEG 3301	Signal and Systems I	3
ELEG 3348	Embedded Microcontrollers	3
ELEG 3348L	Embedded Microcontrollers Lab	1
MATH 3351	Probability Theory	3
Religious Studies Orientation Tier <sup>1</sup>		3
Credits		17

**Spring**

ELEG 4331	Analog Electronics Design	3
ELEG 4331L	Analog Electronics Lab	1
ENGR 4301	Feedback Control Systems	3
PHIL 1101	Introduction to Philosophy	3
Mechanical Engineering Elective		3
Behavioral and Social Sciences Exploration Tier <sup>3</sup>		3
Credits		16

**Fourth Year****Fall**

PHYS 3271	Electricity and Magnetism	3
ENGR 4961	Senior Design Project I	3
Major Elective <sup>4</sup>		3
Major Elective <sup>4</sup>		3
Major Elective <sup>4</sup>		3
Credits		15

**Spring**

ENGR 4962	Senior Design Project II	3
Major Elective <sup>4</sup>		3
Major Elective <sup>4</sup>		3
History or Philosophy or Religious Studies Exploration Tier <sup>2</sup>		3
Visual and Performing Arts Exploration Tier <sup>6</sup>		3
Credits		15
Total Credits		131

<sup>1</sup> Choose an appropriate History or Religious Studies course at the 1000 level.

<sup>2</sup> Choose any appropriate Religious Studies, History, or Philosophy core course.

<sup>3</sup> Core Social Science course may be fulfilled by appropriate courses in Communication, Economics, Psychology, Politics, or Sociology and Anthropology.

<sup>4</sup> Major electives are chosen from the department, but may be chosen with approval of advisor and department chair from among other courses offered in the School of Engineering.

<sup>5</sup> Choose any language offered by the Department of Modern Languages and Literatures, based on placement exam.

<sup>6</sup> Visual and Performing Art History courses may be chosen from Art History, Music, Film, Television, and Media Arts, Studio Art, or Theatre.

<sup>7</sup> Approved English, Modern Languages and Literatures, or Classics courses.

## Electrical and Computer Engineering Five-Year Dual Degree Bachelor and Master of Science Program

Dual-degree programs reduce the time to a master's degree by at least one year and provide credentials that will serve the student throughout his/her adult professional career. Graduates of the dual-degree program are awarded an Electrical and Computer Engineering MS degree in addition to their Electrical Engineering BS degree. The dual-degree program encourages students to pursue a graduate degree in order to broaden their educational background and their career opportunities. A graduate engineering education is key to innovation and central to economic health. A graduate degree has become far more common in the work place and a master's level engineering education gives a great return on your investment. Students who complete all their requirements may receive their BS degree prior to completing their MS degree.

### Requirements

### Dual Degree Curriculum

Students must develop of a plan of study for the MS portion of the degree with approval of their academic advisor, including the following:

### Thesis Option

Code	Title	Credits
All Requirements for BS in Electrical Engineering <sup>1</sup>		134
ECEG 5415	Engineering Applications of Numerical Methods	3
ECEG 6971	Thesis I	3
ECEG 6972	Thesis II	3
Select two elective courses from ECE		6
Select three electives courses from approved Engineering, Math, or Business graduate courses		9
Total Credits		158

<sup>1</sup> Requirements are the same as those listed for the BS, except that students must select at least two graduate-level electives to fulfill the major elective requirement.

## Non-Thesis Option

Code	Title	Credits
All Requirements for BS in Electrical Engineering <sup>1</sup>		134
ECEG 5415	Engineering Applications of Numerical Methods	3
Select four elective courses from ECE		12
Select three elective courses from approved Engineering, Math, or Business graduate courses		9
Total Credits		158

<sup>1</sup> Requirements are the same as those listed for the BS, except that students must select at least two graduate-level electives to fulfill the major elective requirement.

**Note:** A minimum of 30 credits must be completed at the graduate level.

## Changing from Undergraduate to Graduate Status

Students may request a change of status from the undergraduate to the undergraduate/graduate combined plan of study at any point after the following conditions are met, with approval from their academic advisor and the department chair:

- Completed 60+ credits toward the BS in Electrical Engineering or Computer Engineering.
- Have an overall GPA of 3.00 or higher.
- Have approval of the faculty advisor.

Students will be awarded the BS in Electrical Engineering when all requirements are met, usually at the end of the fourth year. The MS in Electrical and Computer Engineering will be awarded when all graduate requirements of the combined degree curricula have been satisfied, usually at the end of the fifth year.

## Electrical and Computer Engineering Electives

Possible electives may include any courses from the ECE Elective Domains:

Code	Title	Credits
<b>Power and Energy</b>		
ECEG 5361	Green Power Generation	3
ECEG 5377	Power Security and Reliability	3
ECEG 5385	Power Generation and Distribution	3
ECEG 5386	Fault Analysis in Power Systems	3
ECEG 5505	Advanced Power Electronics	3
<b>Communications Systems</b>		
ECEG 5379	Communication Systems	3
ECEG 5480	Wireless Systems I	3
<b>Electronic Systems</b>		
ECEG 5315	Nanoelectronics I	3
ECEG 5323	Thermal Management of Microdevices	3
ECEG 5335	Microelectronics	3
ECEG 5355	Sensor Design and Application	3
ECEG 5378	Electromagnetic Compatibility	3
ECEG 5405	Electronic Materials	3
ECEG 5510L	Product Design Lab	1

ECEG 5520L	System Design Lab	1
<b>Computer Engineering</b>		
ECEG 5303	Industrial Automation	3
ECEG 5325	Computer Graphics	3
ECEG 5346	Computer Systems Architecture	3
ECEG 5406	Advanced Digital Design	3
ECEG 5460	Network Programming	3
ECEG 5470	Network Embedded Systems	3
<b>Biomedical Engineering</b>		
ECEG 5309	Biosensors	3
ECEG 5331	Biomedical Signal Processing	3
ECEG 5332	Biomedical Imaging	3
ECEG 5333	Biomedical Visualization	3

## Management of Technology

The Management of Technology program (MSMOT) at Fairfield University serves the needs of professional technologists, engineers and managers in their progression into management-level positions. The program instructs and trains engineers and scientists, and motivated people from any discipline who have a need to make management decisions in a technology environment or will be involved in the management of such functions as technology research and development, product design, manufacturing, human and physical resources, product and system test, information and data analysis, and product and service support.

Engineering management professionals deal with the planning, organization, scheduling, monitoring and control of engineering projects, and can lead to any of the following careers:

- Technical group leadership in fields such as design, manufacturing, testing and quality.
- Technical Marketing: interface between engineers who design a product and the public who will need to understand what problems it solves and how it is used.
- Project Management: interfacing between the engineers who design a project, the workers who build it, the customer, vendors, and executive management. Initiate, monitor and control subcontracts issued to domestic and international organizations.
- Industrial Systems Engineering: oversee and initiate technical processes in manufacturing settings.
- Computer Systems Engineering: engage in the evaluation, design and managing the installation of software, hardware, and other types of support equipment into a workable network that supports a variety of functions within an organization.
- Operations Management: design and manage products, processes, services and supply chains, and the utilization of resources that firms need to deliver goods and services.

Graduates may find employment in a broad variety of technology companies in fields that include telecommunications, financial services, manufacturing, healthcare, consulting, and information technology. The engineering manager applies the concepts and tools of engineering management such as project management, quality management,



engineering economics, modeling and simulation, systems engineering and integration, and statistical tools to all of these disciplines.

A dual degree program offering that further broadens a student's options is available. The dual degree permits students to pursue the combination of any existing Bachelor of Science in Engineering degree offered by Fairfield University with a Master of Science in the Management of Technology and complete the effort in a five-year time frame. This combination enables students not only to understand engineering, management and business concepts, but also to understand their integration and how the intersection distinctively shapes our world and their careers.

Programs

- Management of Technology Five-Year Dual Degree Bachelor and Master of Science Program (p. 318)

Faculty

Professors of the Practice

Hoffman, *director*

Lecturers

Cooper  
Nori  
Norko  
Ramsey  
Vanderkroef  
Violette

Management of Technology Five-Year Dual Degree Bachelor and Master of Science Program

This dual degree program offering broadens a student's options and permits them to pursue the combination of any existing Bachelor of Science in Engineering degree offered by Fairfield University with a Master of Science in the Management of Technology and complete the effort in a five-year time frame. This combination enables students not only to understand engineering, management and business concepts, but also to understand their integration and how the intersection distinctively shapes our world and their careers.

Students may receive a bachelor's degree in Bioengineering, Electrical Engineering, Mechanical Engineering, or Computer Science (accreditation track) and a master's degree in Management of Technology. The Management of Technology track integrates business and management knowledge into an engineering curriculum to prepare engineers for leadership roles in technology-based organizations. The dual degree engineering management curriculum combines breadth of knowledge of general engineering subject matter with depth of knowledge in a specific engineering discipline. Students achieve depth of knowledge by majoring in bioengineering, electrical engineering, mechanical engineering, or computer science (accreditation track). In addition, multi-disciplinary coursework prepares students for positions in fields that require human resource and project management, financial and business understanding,

marketing, and communication skills to complement their engineering knowledge.

Graduates of this dual degree option will be prepared for an engineering design opportunity in their discipline as well as leadership positions in other engineering and business related settings. They will be comfortable with the international languages of engineering and business. Engineers and technology specialists with business skills allows them to address engineering and business issues from a variety of perspectives. The integrated engineering-business skills that students gain represents a sure-fire combination for career success.

Requirements

The five-year program incorporates every required course in the existing undergraduate program except for the senior project. The senior project course (ENGR 4961 and ENGR 4962) is replaced by the two-semester Management of Technology Capstone courses (MGTN 6961 and MGTN 6962).

Students must complete the following courses in the Management of Technology master's degree program:

Code	Title	Credits
FNCE 5400	Principles of Finance <sup>3</sup>	3
MGMT 6508	Strategic Management of Technology and Innovation: The Entrepreneurial Firm <sup>3</sup>	3
MGMT 6584	Global Competitive Strategy <sup>3</sup>	3
MGTN 5415	Information Systems <sup>1</sup>	3
MGTN 5460	Project Management <sup>2</sup>	3
MGTN 5470	Leadership in Technical Enterprise	3
MGTN 6961	Capstone I: Project Definition and Planning	3
MGTN 6962	Capstone II: Project Execution and Results <sup>4</sup>	3
Select four elective courses in Management of Technology <sup>4</sup>		12
Total Credits		36

- <sup>1</sup> Replaces a General Elective
- <sup>2</sup> Replaces a Major Elective
- <sup>3</sup> Graduate courses from the Dolan School of Business may be taken during the fifth year only. A maximum of five graduate courses from the Dolan School of Business may be applied to the Management of Technology degree.
- <sup>4</sup> The four Management of Technology graduate elective courses may be taken in any discipline at the University. The selection of these graduate courses is intended to assist the student in meeting his/her career objectives. Care must be taken to meet the applicable prerequisite requirements. Refer to the Management of Technology graduate catalog (<http://catalog.fairfield.edu/graduate/engineering/programs/msmot/>) to obtain a complete list of elective courses.

At the end of the five year program, students are awarded a Bachelor of Science in Bioengineering, Electrical Engineering, Mechanical Engineering, or Computer Science (accreditation track), as well as the Master of Science in Management of Technology.

## Plan of Study

Completion of the required graduate-level courses may be accomplished by taking the MOT courses during the semesters shown below:

Course	Title	Credits
<b>Fourth Year</b>		
<b>Fall</b>		
MGTN 5415	Information Systems <sup>1</sup>	3
MGTN 5470	Leadership in Technical Enterprise <sup>1</sup>	3
	Credits	6
<b>Spring</b>		
MGTN 5460	Project Management <sup>2</sup>	3
	Select one elective course in Management of Technology <sup>2,3</sup>	3
	Credits	6
<b>Fifth Year</b>		
<b>Fall</b>		
FNCE 5400	Principles of Finance <sup>4</sup>	3
MGMT 6508	Strategic Management of Technology and Innovation: The Entrepreneurial Firm <sup>4</sup>	3
MGTN 6961	Capstone I: Project Definition and Planning	3
	Select one elective course in Management of Technology <sup>3</sup>	3
	Credits	12
<b>Spring</b>		
MGMT 6584	Global Competitive Strategy <sup>4</sup>	3
MGTN 6962	Capstone II: Project Execution and Results	3
	Select two elective courses in Management of Technology <sup>3</sup>	6
	Credits	12
	Total Credits	36

<sup>1</sup> Replaces a General Elective

<sup>2</sup> Replaces a Major Elective

<sup>3</sup> Graduate courses from the Dolan School of Business may be taken during the fifth year only. A maximum of five graduate courses from the Dolan School of Business may be applied to the Management of Technology degree.

<sup>4</sup> The four Management of Technology graduate elective courses may be taken in any discipline at the University. The selection of these graduate courses is intended to assist the student in meeting his/her career objectives. Care must be taken to meet the applicable prerequisite requirements. Refer to the Management of Technology graduate catalog (<http://catalog.fairfield.edu/graduate/engineering/programs/msmot/>) to obtain a complete list of elective courses.

## Mechanical Engineering

The mechanical engineering program is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET (<http://www.abet.org>)). This engineering discipline has a very broad spectrum of applications in all aspects of modern technology. Students undertake studies in statics and dynamics, CAD, materials science, strength of materials, machine design, thermodynamics, fluid mechanics, heat transfer, and system dynamics. A team-based senior design project completes the technical education.

The Program Educational Objectives (PEOs) are broad statements that describe what alumni do within a few years following graduation. The Mechanical Engineering Department is committed to graduating engineers who within a few years of their graduation are expected to:

1. Apply engineering science to analyze and design thermal and mechanical systems.
2. Pursue engineering careers or advanced studies in mechanical engineering or related technical fields.
3. Employ effective communication skills as team members or team leaders in an ethical and professional manner with a sense of social and global responsibility.
4. Engage in lifelong learning by contributing to their chosen field, actively participating in professional societies and broadening their professional knowledge with formal and/or informal continuing education.

The mechanical engineering curriculum is constructed to include abundant experiential learning. This is accomplished through the integration of synchronized laboratory experiences within the framework of the theoretical courses in the basic curriculum, and by making use of well-equipped laboratories and computing facilities.

## Programs

- Mechanical Engineering Major (p. 323)
- Mechanical Engineering Five-Year Dual Degree Bachelor and Master of Science Program (p. 324)

## Courses

### MEEG 2201 Engineering Statics 3 Credits

**Prerequisite:** PHYS 1171.

This introduction to rigid body mechanics using vector representation covers free body diagrams and static equilibrium in two- and three-dimensional space; solves problems in trusses, frames, and simple mechanisms; and develops methods in problem-solving techniques using computer-based approaches. Students perform lab experiments to support lecture theories and prepare professional-level reports. Previously ME 0201.

### MEEG 2203 Kinematics and Dynamics 3 Credits

**Prerequisites:** MEEG 2201.

This course presents kinematics principles applied to particles and rigid body elements. Topics include analysis of forces and motion using Newton's second and third laws of motion; theory of kinetics of particles and rigid body elements under rectilinear and curvilinear motion, vector methods; principles of work, energy, and power; and momentum and impact. Previously ME 0203.

### MEEG 2206L Mechanics Lab 1 Credit

**Fee:** \$100 Engineering Lab Fee

**Corequisite:** MEEG 2201.

Students do mechanics experiments for two- and three-dimensional structures under static loading conditions. Concepts include vectors, equilibrium, moments, truss analysis, forces, and center of gravity of objects. This course includes topics in engineering materials, such as hardness, toughness, microscopic analysis, machinability and thermal properties. The course introduces strain gages, instrumentation, and statistical data analysis. Students perform experiments and prepare laboratory reports. Previously ME 0206L.

**MEEG 2207 Materials Science****3 Credits**

**Attributes:** EVME Environmental Studies Major Elective, EVNS Environmental Studies: Natural Science, EVPE Environmental Studies Elective

**Corequisite:** CHEM 1171.

This course covers chemical and physical properties of metals, polymers, and ceramics. Subjects include atomic structure, crystallography, strengthening mechanisms, microstructure, chemical composition, diffusion, binary phase diagrams, transformation diagrams, corrosion and materials science protection. Importance of the interrelationship between a material's processing, microstructure, and properties is discussed. The lab demo portion examines material science testing and microstructure analyses. Sample preparation and metallographic techniques are also learned. Previously ME 0207.

**MEEG 2307L Dynamics Systems Lab****1 Credit**

**Fee:** \$100 Engineering Lab Fee

**Corequisites:** MEEG 2203, MEEG 3308.

Students perform experiments covering the concepts of kinematics, dynamics, and mechanisms. Concepts included are: Newton's Laws, momentum, mechanical energy, impact, and friction. The course includes concepts in the area of strength of materials, such as: stress, strain, loading, modulus of elasticity, and fatigue. It also covers analysis of beams, photoelastic studies, and statistical data analysis. Students complete written lab reports. Previously ME 0307L.

**MEEG 3241 Principles of Thermodynamics****3 Credits**

**Prerequisite:** PHYS 1171.

This course on macroscopic thermodynamics with applications covers conservation of energy for open and closed systems, equations of state and pure substances, first and second law of thermodynamics, including the concepts of internal energy, as well as enthalpy and entropy as applied to aero-thermal components. Tables of thermodynamic properties, ideal gases and elements of cycle analysis, and applications of thermodynamic cycles, such as Carnot and Rankine, are discussed. Previously ME 0241.

**MEEG 3308 Strength of Materials****3 Credits**

**Prerequisites:** MATH 2243, MEEG 2201.

This course examines concepts of two-dimensional stress and strain, factors of safety, thermal strain, static indeterminacy, stress concentration, bending including normal and shearing stresses, torsion, direct shear, principal stresses; Mohr's Circle; thin-walled pressure vessels; beam theory including shear and bending moment diagrams; deflection; elastic curves; indeterminate beams; energy methods; the use of superposition; and impact effects and column theory. Lab experiments reinforce these aspects of theory. This course includes a design project. Previously ME 0308.

**MEEG 3311 Machine Design****3 Credits**

**Prerequisite:** MEEG 3308.

This course applies the fundamentals of mechanical engineering design to analyze, design, and/or select components typically used in the design of complete mechanical systems. The course covers the design process and analysis of stress and deflection; material properties and loading (steady state and variable) as they relate to failure prevention; and the procedures for design and analysis of common machine elements such as columns, cylinders, fasteners and springs. In team reverse-engineering projects, students apply the course topics to real hardware. The course emphasizes computer techniques and responsible design (safety factors and ethics). Previously ME 0311.

**MEEG 3318 Finite Element Analysis****3 Credits**

**Prerequisites:** ENGR 2130, MATH 2251, MEEG 3308.

An introduction to concepts in finite element analysis; this course covers one- and two-dimensional element formulation and structural analysis. This finite element analysis is extended to three dimensional problems in dynamic systems and control, design and manufacturing, mechanics and materials, and fluids and thermal systems. This course will provide an overview of the complimentary topic of computational fluid dynamics (CFD). Students solve problems both manually and with the use of modern computer finite element software, ANSYS and FLUENT. Previously ME 0318.

**MEEG 3342 Applications of Thermodynamics****3 Credits**

**Prerequisite:** MEEG 3241.

This course applies concepts learned in MEEG 3241. Topics include mixtures of ideal gases and vapors; psychrometry; combustion analysis of common power generating, refrigeration, and air conditioning cycles; figures of merit including thermal efficiency; continuity equation, basic energy relations for turbomachinery; fundamentals of compressor and turbine design; and application and synthesis of design using thermodynamic principles. This course includes a lab segment. Previously ME 0342.

**MEEG 3347 Fluid Mechanics****3 Credits**

**Prerequisite:** MEEG 3241.

Topics in this course include incompressible fluids at rest and in motion; Bernoulli's theorem and the principle of similarity flow through orifices, nozzles, and pipes; flow through open channels; energy relationships as applied to pipe lines, pumps, and turbines; acceleration of fluid masses; losses in fluid flow systems; fluid dynamics; the momentum theorem in turbomachinery; and introduction to compressible fluid flow. This course emphasizes design solutions using computer analysis and synthesis. The course includes a design project of a system that applies the principles of fluid flow. Previously ME 0347.

**MEEG 3348L Thermal and Fluids Lab****1 Credit**

**Fee:** \$100 Engineering Lab Fee

**Corequisites:** MEEG 3342, MEEG 3347.

This laboratory learning experience provides the opportunity to explore various components, such as the compressor, condenser, and evaporator, in a series of experiments using refrigeration equipment. Students investigate lift and drag in a wind tunnel, pressure losses in duct flow, and the Bernoulli principle. Also, students determine the efficiency of a centrifugal pump, plot PV diagrams for the Otto Cycle, and study a Pelton Wheel Hydraulic Turbine. The course emphasizes statistical analysis, test planning, data evaluation, and report writing. Previously ME 0348L.

**MEEG 4310L Product Manufacturing Lab****1 Credit**

**Prerequisite:** ENGR 4961.

This course is designed to be an introductory course in the Product Manufacturing field. The course provides theoretical concepts as well as the development of the knowledge and skills required in CNC programming, machine setup and operation, 3D printing, laser, manual machining, and metrology. The laboratory portion emphasizes practical application of CNC machine tools, 3D printing, and manual machining, which involve set-ups and procedures for operation. Graduate equivalent: MEEG 5310L. Previously ME 0310L.

**MEEG 4319 Applications of Finite Element Analysis** **3 Credits**  
**Prerequisite:** MEEG 3318.

This course examines applications of finite element analysis in modern engineering including structural analysis, fluid flow and heat transfer. It is an introduction to the concepts of dynamics as applied to structure. Finite element formulations covering 1-, 2-, and 3-dimensional elements as well as energy methods are developed. Students develop techniques for application of finite element method in structural design, dynamic system response, fluid and thermal analyses. Application of methodology to fluid flow is presented. Students solve example and design problems manually and using modern finite element analysis software, ANSYS and FLUENT. Graduate equivalent: MEEG 5319. Previously ME 0319.

**MEEG 4321 Theory and Applications of Robot Kinematics** **3 Credits**  
**Prerequisite:** MEEG 2203.

Topics in advanced kinematics include introduction to basic concepts and definitions related to kinematics, commonly used links and joints, kinematic analysis of mechanisms, introduction to robotic mechanisms, homogeneous transformations, Euler angles, Denavit-Hartenberg representation of forward kinematics of robots, inverse kinematics solution of robots, degeneracy and dexterity, and differential motion and velocity relations. Industrial application of kinematics will also be covered and the course will include a laboratory or project component. Graduate equivalent: MEEG 5321. Previously ME 0321.

**MEEG 4322 Advanced Dynamics** **3 Credits**  
**Prerequisite:** MEEG 2203.

The topics in the area of dynamics include degrees of freedom, generalized coordinates, constraints, physics of failure, flexures, and optical mechanics. The course will focus on practical applications of advanced dynamics, including linkages, cams, and kinematic mechanisms, as well as computer applications and project design. Graduate equivalent: MEEG 5322. Previously ME 0322.

**MEEG 4323 Thermal Management of Microdevices** **3 Credits**

This course addresses the thermal design in electronic assemblies which includes thermal characteristics, heat transfer mechanisms and thermal failure modes. Thermal design of electronic devices enables engineers to prevent heat-related failures, increase the life expectancy of the system, and reduce emitted noise and energy consumption. This course provides the required knowledge of heat transfer for such analysis and various options available for thermal management of electronics. This course also presents advanced methods of removing heat from electronic circuits, including heat pipes, liquid immersion and forced convection. Graduate equivalents: ECEG 5323, MEEG 5323. Previously ME 0323.

**MEEG 4324 Micro and Nano Manufacturing** **3 Credits**

**Prerequisites:** CHEM 1171, MEEG 2207, PHYS 1171, Senior standing.

This course will introduce students to the latest advancements in micro and nano manufacturing. The course will enable students to become familiar with advanced manufacturing techniques in light of the global emphasis on micro and nano manufacturing. Topics to be covered include lithography, mechanical micromachining, laser fabrication, polymers and nanocomposites, and nano imprinting. The important topics of metrology and process control at the micro and nano scale will also be discussed. Students will conduct a class project integrating the different processes for an application in electromechanical or biomedical field. A lab component is also present where students get a hands-on experience with material processing and characterization tools. Graduate equivalent: MEEG 5324. Previously ME 0324.

**MEEG 4325 Engineering Systems Dynamics** **3 Credits**  
**Prerequisites:** MATH 2251, MEEG 3318.

The student will become familiar with the analysis of the dynamic response of structures, structural components to transient loads, and foundation excitation. Course includes single-degree-of-freedom and multiple-degree-of-freedom systems, frequency response concepts, and introduction to modal analysis. Basic concepts of vibration control and control theory will be introduced. Previously ME 0325.

**MEEG 4327 Fracture Mechanics** **3 Credits**  
**Prerequisite:** MEEG 3308.

This course covers fracture mechanics concepts for design, materials selection, and failure analysis. The fundamental principles of fracture parameters and criteria, stress field at the tip of a crack, fracture toughness, thickness effect, plastic zone concept, and crack growth under cyclic loading and aggressive environment will be presented. Emphasis will be placed on the practical applications of fracture mechanics by incorporation of a failure investigation study where the students utilize the skills developed with the course to root cause a real world failure. Taking a holistic approach, each student will have their own case study and learn to incorporate fracture mechanics, material science, mechanics of materials, computer simulation, and manufacturing techniques and knowledge into their project. Graduate equivalent: MEEG 5327. Previously ME 0327.

**MEEG 4330 Mechanics of Composite Materials** **3 Credits**  
**Prerequisite:** MEEG 3308.

Engineered composite materials are finding increased use in many high-technology applications such as aerospace, electronics, sporting goods, and structural components as robust durable systems. This course is designed to provide a comprehensive understanding of classification, processing, properties, selection, design, and failure of polymer, metal, and ceramic based composite materials. Micro-mechanical and macro-mechanical analysis capabilities will be used to assess composite structures. Stiffness and strength evaluation, software simulation, and optimization are used in a laminated composite design application. Graduate equivalent: MEEG 5330. Previously ME 0330.

**MEEG 4346 Energy Conversion** **3 Credits**  
**Prerequisite:** MEEG 3347.

This course covers the major topics in energy conversion, including fuels used in energy conversion; solar energy; gas turbine engines and applications; internal combustion engines; heat pumps; classic and novel power and refrigeration cycles; system analysis; system economics; and environmental considerations. The course includes computer simulation of power plant performance to optimize energy conversion efficiency. Students will be required to conduct a research on the environmental impacts of the major current energy conversion systems. Graduate equivalent: MEEG 5346. Previously ME 0346.

**MEEG 4349 Heat Transfer** **3 Credits**  
**Prerequisite:** MEEG 3347.

This course covers one- and two-dimensional heat conduction, including solutions for finned surfaces and solutions for transient problems; convection heat transfer in laminar and turbulent flows; fundamental radiation concepts; laws of thermal radiation; radiation exchange geometrical factors and network methods; heat exchangers and electrical analogies. The course emphasizes design solutions using computer analysis and synthesis. In the lab, students investigate heat transfer in plane surfaces, enhanced heat transfer in extended surfaces, and heat exchanger effectiveness. This course includes a practical design project of a system that applies the principles of heat transfer. Previously ME 0349.

**MEEG 4350L Energy Transfer Lab****1 Credit****Fee:** \$100 Engineering Lab Fee**Corequisites:** MEEG 4325, MEEG 4349.

A laboratory experience for engineering students utilizing hands-on experiments to explore energy transfer methods related to transmitted forces in vibrating systems, as well as thermal transfer gradients in mechanical, electrical, and electronic systems. Students use simulation and modeling software for many experiments, including conduction and convection heat transfer processes. The course emphasizes statistical analysis, instrumentation, and report writing. Previously ME 0350L.

**MEEG 4353 Computational Fluid Dynamics****3 Credits****Prerequisites:** ENGR 2145, MEEG 3347.

This course is an introduction to computational methods used for the solution of advanced fluid dynamics problems. Emphasis is placed on concepts in finite difference methods as applied to various ordinary and partial differential model equations in fluid mechanics, fundamentals of spatial discretization, numerical integration, and numerical linear algebra. A focus on the engineering and scientific computing environment. Other topics may include waves, advanced numerical methods (like spectral, finite element, finite volume), non-uniform grids, turbulence modeling, and methods complex boundary conditions. Graduate equivalent: MEEG 5353. Previously ME 0353.

**MEEG 4354 Heat and Mass Transfer****3 Credits****Prerequisite:** MEEG 4349.

This course covers the concepts of conduction, convection, and radiation heat transfer as well as mass transfer. Boiling and condensation; design and performance of selected thermal systems (including heat exchangers); and laminar and turbulent flows as related to forced and free convection are all studied. Mathematical modeling of engineering systems using modern analytical and computational solution methods are also covered. Graduate equivalent: MEEG 5354. Previously ME 0354.

**MEEG 4356 Renewable Wind Energy****3 Credits****Prerequisites:** MEEG 3308, MEEG 3347.

This course will give students a comprehensive introduction to wind energy systems, a practical means of extracting green and renewable energy. Topics covered include a historical perspective of wind turbines, aerodynamics of wind turbines, Mechanics and dynamics, material and components, aeroelasticity and control systems, statistical wind modeling, wind energy system economics, and environmental considerations such as noise and aesthetics. Graduate equivalent: MEEG 5356.

**MEEG 4358 Heating, Ventilation, and Air Conditioning Systems Design****3 Credits****Prerequisite:** MEEG 3342.

Heat loss and heat gain calculations for commercial and industrial buildings using Trane Engineering software. Students will learn how to layout and design HVAC systems per given building architectural plans, using computer software, codes, standards, and owner's requirements. Students will select appropriate HVAC equipment, size duct and piping systems, and conduct economic analysis. Energy estimating methods will be studied and an analysis of an actual building conducted. Current federal, state, and local codes and ASHRAE standards will be examined. Graduate equivalent: MEEG 5358.

**MEEG 4362 Turbomachinery****3 Credits****Prerequisite:** MEEG 3347.

The theoretical basis and the fundamentals of modern turbomachinery for aerospace (helicopter, aircraft) and power generation (marine, industrial) applications are studied. Brayton engine cycle analysis and performance improvement are reviewed. Applications of the principles of fluid mechanics and thermodynamics to the design of turbines and compressors are examined, as well as component analysis and velocity diagram for axial compressors, centrifugal compressors and axial turbines. Discussion of combustion and environmental emissions. This course carries a design/research project. Graduate equivalent: MEEG 5362. Previously ME 0362.

**MEEG 4364 Combustion****3 Credits****Prerequisite:** MEEG 3342.

An introduction to combustion, this course covers the study of combustion science based on the background of thermodynamics, fluid mechanics, and heat transfer. Basic principles of combustion, including thermochemical equilibrium, flame temperature, energy of reaction, chemical kinetics, and flame structure are discussed. Graduate equivalent: MEEG 5364. Previously ME 0364.

**MEEG 4372 Applications of Theory of Elasticity****3 Credits****Prerequisite:** MEEG 3308.

This course covers theory of elasticity (stress, strain, and generalized Hooke's law), strain energy methods (Castigliano's theorem), thin shells of revolution (equilibrium equations, pressure vessels), thin plates (rectangular and circular plates, moment-curvature relations), beams of elastic foundations and buckling. Graduate equivalent: MEEG 5372. Previously ME 0372.

**MEEG 4990 Independent Study****1-3 Credits****Prerequisite:** Completion of non-elective mechanical engineering courses and at least one major elective.

During this design course emphasizing individual creativity, students (working with a faculty mentor) develop project objectives and performance specifications. At review meetings, students present progress on the project including analytic and experimental results to date. A final report and presentation demonstrates the accomplishments and significant conclusions. Faculty involvement creates a realistic engineering development environment. Students may take this course as independent study once the prerequisites have been met. Enrollment by departmental approval only. Previously ME 0382.

## Faculty

### Professors

Etemad, *chair*  
Zabinski

### Associate Professors

Srinivas Sundarram

### Assistant Professors

Safari Qariq

### Lecturers

Anekwe  
Bauer  
Cupic  
Dornfeld



Estejab  
Gunawardana  
Judge  
Lutian  
McFadden  
Rastgar Agah  
Schaer  
Wojna

## Mechanical Engineering Major

### Requirements

## Bachelor of Science in Mechanical Engineering

134 credits

### Natural Science Requirements

Code	Title	Credits
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4
MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	4
MATH 2243	Calculus III for Chemistry, Engineering, and Physics Majors	4
MATH 2251	Ordinary Differential Equations	3
MATH 3332	Partial Differential Equations	3
PHYS 1171 & 1171L	General Physics I and General Physics I Lab	4
PHYS 1172 & 1172L	General Physics II and General Physics II Lab	4
Total Credits		30

### Major Requirements

For a major in mechanical engineering, students complete the following:

Code	Title	Credits
<b>Engineering Foundation</b>		
ELEG 2213 & 2213L	Introduction to Electric Circuits and Electric Circuits Lab	4
ENGR 1031	Fundamentals of Engineering	3
ENGR 2130	Engineering Graphics I	3
ENGR 2145	Mathematical Analysis	3
ENGR 4961	Senior Design Project I	3
ENGR 4962	Senior Design Project II	3
<b>Mechanical Engineering Depth</b>		
MEEG 2201	Engineering Statics	3
MEEG 2203	Kinematics and Dynamics	3
MEEG 2206L	Mechanics Lab	1
MEEG 2207	Materials Science	3
MEEG 2307L	Dynamics Systems Lab	1
MEEG 3241	Principles of Thermodynamics	3
MEEG 3308	Strength of Materials	3

MEEG 3311	Machine Design	3
MEEG 3318	Finite Element Analysis	3
MEEG 3342	Applications of Thermodynamics	3
MEEG 3347	Fluid Mechanics	3
MEEG 3348L	Thermal and Fluids Lab	1
MEEG 4325	Engineering Systems Dynamics	3
MEEG 4349	Heat Transfer	3
MEEG 4350L	Energy Transfer Lab	1
Select five electives in Mechanical Engineering		15
Total Credits		71

### Mechanical Engineering Electives

Possible electives may include:

Code	Title	Credits
<b>Thermal Systems</b>		
MEEG 4323	Thermal Management of Microdevices	3
MEEG 4346	Energy Conversion	3
MEEG 4353	Computational Fluid Dynamics	3
MEEG 4354	Heat and Mass Transfer	3
MEEG 4362	Turbomachinery	3
MEEG 4364	Combustion	3
<b>Mechanical Systems</b>		
ENGR 4301	Feedback Control Systems	3
ENGR 4303	Industrial Automation	3
ENGR 4305	Design of Mechatronics Systems	3
ENGR 4330	Engineering Graphics II	3
MEEG 4319	Applications of Finite Element Analysis	3
MEEG 4321	Theory and Applications of Robot Kinematics	3
MEEG 4322	Advanced Dynamics	3
MEEG 4324	Micro and Nano Manufacturing	3
MEEG 4327	Fracture Mechanics	3
MEEG 4330	Mechanics of Composite Materials	3
MEEG 4372	Applications of Theory of Elasticity	3
MEEG 4990	Independent Study	1-3

Note: In addition to the undergraduate courses listed, juniors and seniors may take appropriate graduate-level courses as electives with the permission of the department chair and the instructor.

### Plan of Study

A typical, full-time, four-year plan of study appears below. Some variation may be possible. Students should always discuss their individual plan of study with their advisor prior to registering for courses.

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGR 1031	Fundamentals of Engineering	3
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4
PHYS 1171	General Physics I	3
PHYS 1171L	General Physics I Lab	1

History Orientation Level <sup>1</sup>	3
Modern/Classical Language Orientation Level <sup>5</sup>	3
Credits	17
<b>Spring</b>	
ENGL 1001 Introduction to Rhetoric and Composition	3
ENGR 2130 Engineering Graphics I	3
MATH 1142 Calculus II for Chemistry, Engineering, and Physics Majors	4
PHYS 1172 General Physics II	3
PHYS 1172L General Physics II Lab	1
Religious Studies Orientation Level <sup>1</sup>	3
Credits	17
<b>Second Year</b>	
<b>Fall</b>	
CHEM 1171 General Chemistry I	3
CHEM 1171L General Chemistry I Lab	1
MATH 2243 Calculus III for Chemistry, Engineering, and Physics Majors	4
MEEG 2201 Engineering Statics	3
MEEG 2206L Mechanics Lab	1
MEEG 2207 Materials Science	3
Visual and Performing Arts Exploration Tier <sup>6</sup>	3
Credits	18
<b>Spring</b>	
ENGR 2145 Mathematical Analysis	3
ENGR 2145P Mathematical Analysis PLG	0
MATH 2251 Ordinary Differential Equations	3
MEEG 2203 Kinematics and Dynamics	3
MEEG 2307L Dynamics Systems Lab	1
MEEG 3308 Strength of Materials	3
PHIL 1101 Introduction to Philosophy	3
Credits	16
<b>Third Year</b>	
<b>Fall</b>	
ELEG 2213 Introduction to Electric Circuits	3
ELEG 2213L Electric Circuits Lab	1
MEEG 3241 Principles of Thermodynamics	3
MEEG 3311 Machine Design	3
Behavioral and Social Sciences Exploration Tier <sup>3</sup>	3
History or Philosophy or Religious Studies Exploration Tier <sup>2</sup>	3
Credits	16
<b>Spring</b>	
MATH 3332 Partial Differential Equations	3
MEEG 3318 Finite Element Analysis	3
MEEG 3342 Applications of Thermodynamics	3
MEEG 3347 Fluid Mechanics	3
MEEG 3348L Thermal and Fluids Lab	1
Behavioral and Social Sciences Exploration Tier <sup>3</sup>	3
Credits	16
<b>Fourth Year</b>	
<b>Fall</b>	
ENGR 4961 Senior Design Project I	3

MEEG 4325 Engineering Systems Dynamics	3
MEEG 4349 Heat Transfer	3
MEEG 4350L Energy Transfer Lab	1
Major Elective <sup>4</sup>	3
Major Elective <sup>4</sup>	3
Credits	16
<b>Spring</b>	
ENGR 4962 Senior Design Project II	3
Major Elective <sup>4</sup>	3
Major Elective <sup>4</sup>	3
Major Elective <sup>4</sup>	3
History or Philosophy or Religious Studies Exploration Tier <sup>2</sup>	3
Literature Exploration Tier <sup>7</sup>	3
Credits	18
Total Credits	134

- <sup>1</sup> Choose an appropriate History or Religious Studies course at the 1000 level.
- <sup>2</sup> Choose any appropriate Religious Studies, History, or Philosophy core course.
- <sup>3</sup> Core Social Science course may be fulfilled by appropriate courses in Communication, Economics, Psychology, Politics, or Sociology and Anthropology.
- <sup>4</sup> Major electives are chosen from the department, but may be chosen with approval of advisor and Department Chair from among other courses offered in the School of Engineering.
- <sup>5</sup> Choose any language offered by the Department of Modern Languages and Literatures, based on a placement exam.
- <sup>6</sup> Visual and Performing Arts courses may be chosen from Art History, Music, Film, Television, and Media Arts, Studio Art, or Theatre.
- <sup>7</sup> Approved English, Modern Languages and Literatures, or Classics courses.

## Mechanical Engineering Five-Year Dual Degree Bachelor and Master of Science Program

This concentrated program prepares students for constantly evolving needs for innovation in engineering design and development, across all technological and economic sectors. Graduates of the program will be awarded a BS and an MS in Mechanical Engineering. The undergraduate degree, BSME, will maintain its accreditation by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET (<https://www.abet.org/>)). Students follow the standard undergraduate curriculum for the first three years, and then complete the BS degree requirements during their fourth year while taking graduate courses. During the fifth year the students take an additional eight courses to complete their MS degree. Graduates of the program will have mastered the knowledge and tools they need to create the next generation of Mechanical Engineering solutions to technological and societal problems.

## Requirements

Code	Title	Credits
Requirements for BS in Mechanical Engineering <sup>1</sup>		134
MEEG 5415	Engineering Applications of Numerical Methods	3
Select 7 additional graduate-level electives in Mechanical Engineering		21
Total Credits		158

<sup>1</sup> Requirements are the same as those listed (p. 323) for the BS, except that students must select at least four graduate-level electives to fulfill the major elective requirement.

## Changing from Undergraduate to Graduate Status

Students may request a change of status from the undergraduate to the undergraduate/graduate combined plan of study at any point after the following conditions are met, with approval from their academic advisor and the department chair:

- Completed 60+ credits toward the BS in Mechanical Engineering.
- Successfully completed 8 courses in Mechanical Engineering with a GPA of 3.00 or higher.
- Plan to enroll in at least four graduate-level courses during the fourth year.
- Have an overall GPA of 3.00 or higher.
- Have approval of the faculty advisor.

Students will be awarded the BS in Mechanical Engineering when all requirements are met, usually at the end of the fourth year.

The MS in Mechanical Engineering will be awarded when all graduate requirements of the combined degree curricula have been satisfied, usually at the end of the fifth year.

**A minimum of 36 credits must be completed at the graduate level.**

## Mechanical Engineering Electives

Possible electives may include:

Code	Title	Credits
<b>Thermal Systems Electives</b>		
MEEG 5323	Thermal Management of Microdevices	3
MEEG 5346	Energy Conversion	3
MEEG 5353	Computational Fluid Dynamics	3
MEEG 5354	Heat and Mass Transfer	3
MEEG 5362	Turbomachinery	3
MEEG 5364	Combustion	3
<b>Mechanical Systems Electives</b>		
MEEG 5301	Feedback and Control Systems	3
MEEG 5303	Industrial Automation	3
MEEG 5305	Design of Mechatronics Systems	3
MEEG 5319	Applications of Finite Element Analysis	3
MEEG 5321	Theory and Applications of Robot Kinematics	3
MEEG 5322	Advanced Dynamics	3
MEEG 5324	Micro and Nano Manufacturing	3
MEEG 5327	Fracture Mechanics	3

MEEG 5330	Mechanics of Composite Materials	3
MEEG 5372	Applications of Theory of Elasticity	3

## School Directory

### Administration

**Andres L. Carrano, PhD**  
Dean

**Harvey Hoffman, EdD**  
Associate Dean

**Marcia Arambulo Rodriguez, MS**  
Assistant Dean

## Department Chairs and Program Directors

**Uma Balaji, PhD**  
Electrical Engineering and Bioengineering

**Shahrokh Etemad, PhD**  
Mechanical Engineering

**Adrian Rusu, PhD**  
Computer Science and Engineering

**Harvey Hoffman, EdD**  
Management of Technology

## Faculty

**Uma Balaji**  
*Associate Professor and Chair, Electrical Engineering and Bioengineering*  
PhD, University of Victoria, British Columbia

**Djedjiga Belfadel**  
*Associate Professor, Electrical Engineering and Bioengineering*  
PhD, University of Connecticut

**Andres Leonardo Carrano**  
*Dean and Professor of Engineering*  
PhD, North Carolina State University

**James Cavallo**  
*Instructor, Electrical Engineering and Bioengineering*  
MBA, Carnegie Mellon University

**Shahrokh Etemad**  
*Professor and Chair, Mechanical Engineering*  
PhD, University of Washington

**Susan Freudzon**  
*Assistant Professor of the Practice, Electrical Engineering and Bioengineering*  
PhD, Colombia University

**Harvey Hoffman**  
*Professor of the Practice and Director, Management of Technology*  
EdD, Fordham University

**Douglas Lyon**  
*Professor, Electrical Engineering and Bioengineering*  
PhD, Rensselaer Polytechnic Institute

**Isaac Macwan**  
*Assistant Professor, Electrical Engineering and Bioengineering*

PhD, University of Bridgeport

**Adrian Rusu**

*Professor and Chair, Computer Science and Engineering*  
PhD, The State University of New York, Buffalo

**Amalia Rusu**

*Associate Professor, Computer Science and Engineering*  
PhD, The State University of New York, Buffalo

**Mehdi Safari Qariq**

*Assistant Professor, Mechanical Engineering*  
PhD, Northeastern University

**Sriharsha Srinivas Sundarram**

*Associate Professor, Mechanical Engineering*  
PhD, University of Texas, Austin

**Haishuai Wang**

*Assistant Professor, Computer Science and Engineering*  
PhD, University of Technology, Sydney

**Michael Zabinski**

*Professor, Mechanical Engineering*  
PhD, Yale University

## Lecturers

**Clement Anekwe**

Mechanical Engineering  
PhD, West Virginia University

**Marcia Arambulo Rodriguez**

Electrical Engineering and Bioengineering  
MS, Fairfield University

**George Bauer**

Mechanical Engineering  
MS, Rensselaer Polytechnic Institute

**Joseph Corcoran**

Computer Science and Engineering  
MS, Rensselaer Polytechnic Institute

**Kosovka Cupic**

Mechanical Engineering  
MS, Fairfield University

**Jeffrey Denenberg**

Electrical Engineering  
PhD, Illinois Institute of Technology

**William Dornfeld**

Mechanical Engineering  
PhD, University of Wisconsin-Madison

**Bahareh Estejab**

Mechanical Engineering  
PhD, Virginia Tech

**Thomas Galasso**

Computer Science and Engineering  
MS, Polytechnic University

**Pradeep Govil**

Electrical Engineering and Bioengineering

MS, New York Polytechnic Institute

**Bama Govindaraja**

Computer Science and Engineering  
MS, Fairfield University

**Ruvinda Gunawardana**

Mechanical Engineering  
PhD, Rice University

**Andrew Judge**

Mechanical Engineering  
PhD, Worcester Polytechnic Institute

**Jeffrey Kramer**

Computer Science and Engineering  
MS, Fairfield University

**Matthew Lazicky**

Mechanical Engineering  
MS, Fairfield University

**Michael Lutian**

Mechanical Engineering  
MS, University of New Haven

**Joseph McFadden**

Mechanical Engineering  
MS, University of Bridgeport

**Mark Ramsey**

Computer Science and Engineering  
B.S., Eastern Connecticut State University

**Donald Schaer**

Mechanical Engineering  
MS, Central Connecticut State University

**Mirco Speretta**

Electrical and Computer Engineering  
PhD, University of Arkansas

**Jonathan Wilson**

Computer Science and Engineering  
MS, Fairfield University

**Robert Wojna**

Mechanical Engineering  
MS, Fairfield University

**Henry Wu**

Electrical Engineering and Bioengineering  
PhD, Oklahoma State University

## Laboratory Assistant

**Dominic Figueiredo**

AS, Housatonic Community College

## Faculty Emeriti

**Jack Beal**

*Professor of Physics, emeritus*

**Evangelos Hadjimichael**

*Professor of Physics and Engineering, emeritus*

**Jerry Sergent**

*Professor of Electrical Engineering, emeritus*

Former GM of IoT, IBM

## Advisory Board

**Jean-Paul Boillot, PE**

CEO and Chairman  
Servo-Robot, Inc.

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Bioengineering PhD Candidate  
University of Pittsburgh

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O'Keefe Controls Co.

**Alicia J. Carroll**

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Locke Lord LLP

**Andy Criscuolo**

Chief Ground Test and Evaluation  
Sikorsky Aircraft - Lockheed Martin Co.

**Frank Fanzilli**

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CommVault

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**Greg Forrest**

Sikorsky Aircraft - Lockheed Martin Co.

**Dr. Michael J. Hartnett**

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RBC Bearings

**John LaViola**

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Hologic Inc.

**Louis Lu**

Vice President, D & E U.S.  
ASML

**Ronald M. Rossetti PE, PMP**

Senior Director, Engineering  
United Illuminating Co.

**Ronald M. Salvatore**

Chairman  
Accurate Lock and Hardware

**Maura Simpson**

Engineering Manager  
RBC Bearings

**Robert Sobolewski**

SOE Board Chair

**Patrick Toole**

Deacon  
Diocese of Bridgeport



# MARION PECKHAM EGAN SCHOOL OF NURSING AND HEALTH STUDIES

## A Message from the Dean

On behalf of the entire faculty and staff, it is my great pleasure to welcome you to the Marion Peckham Egan School of Nursing and Health Studies (Egan School). We understand that you had many choices in selecting an educational program, and are thrilled that you have chosen Fairfield. In selecting Fairfield for your undergraduate education, you have chosen to join a community where excellent healthcare is valued, and kindness is embraced. In the Jesuit tradition, the Egan School strives for *Cura Personalis* or education of the whole person. The result of such an education is the development of professionals, who are morally reflective, working with consistent sensitivity to cultural differences and issues of social justice.

Advances in technology and access to healthcare have afforded society an unprecedented opportunity for extended quality and quantity of life. Our undergraduate programs are prepared to meet the challenges of the future with faculty recognized around the world for their expertise in addressing the broad issues that impact global health. These faculty provide every student with the necessary tools and resources to become successful.

You have selected Fairfield because of the excellence of our program and faculty. As you grow in the development of new knowledge and skills, you will witness first hand, the dedication our faculty have to your development. The relationships you build with your fellow classmates and faculty members will substantially impact your life and career. Moreover, you will find that the effects of your education at Fairfield will extend long past your days as a student here.

At Fairfield we strive to provide students with an educational experience rich in the Jesuit tradition of academic rigor and reflective practice. With a strong core steeped in ethics, communication, spirituality, care of vulnerable populations and service learning, students receive all the education necessary to become leaders. Our program also provides analysis of global health issues, with a strong focus on issues of social justice and equality to prepare our students as members of society capable of generating change from within.

Our ability to provide this exceptional educational opportunity is accomplished through our strong partnerships with over 100 partnering agencies, including acute care hospitals, community agencies, clinics, schools and long-term care facilities. Throughout these environments, students are provided the instruction to increase knowledge, skills and understanding of the issues that impact society. Practicum experiences begin early in the program and our individual attention to your education is unwavering throughout your years at Fairfield. Our school also offers a number of study abroad experiences to provide students with expertise and insight beyond our national borders. The end result is the graduation of competent and compassionate professionals who will make an impact across the world.

Thank you for choosing Fairfield for your undergraduate education. Throughout your years here, we are confident that you will receive the educational foundation necessary to support your personal objectives. We are pleased to join you on your lifelong journey toward professional

development and encourage you to take advantage of all that Fairfield has to offer!

**Meredith Wallace Kazer**, PhD, CNL, APRN, AGPCNP-BC, FAAN  
*Dean and Professor, Marion Peckham Egan School of Nursing and Health Studies*

## Overview

The goal of the undergraduate program is to prepare students for professional practice. One of the unique features of all undergraduate programs at Fairfield is the strong liberal arts core that is integral to the curriculum. Through these courses, students develop the social awareness, historical consciousness, thinking skills, aesthetic sensibility, values orientation, and foundations in art, literature, and science that are hallmarks of undergraduate education. The program of study contributes to the development of a well-rounded person who is able to live effectively and productively in the world of today and tomorrow. Students grow personally and professionally to become committed and compassionate, capable of intervening professionally in whatever setting they encounter.

The curriculum of the Egan School provides students with educational experiences from which they gain a strong base in the humanities, mathematics, social sciences, and natural sciences as well as in professional theory and practice. Students are fully integrated into the University community and enroll in core courses with students of all majors.

Faculty members in the Egan School are exceptionally well qualified by academic and clinical preparation. The student-to-faculty relationship is an inherent component of the program, particularly as it relates to professional practice. Each student is assigned to a faculty advisor who works closely with students to monitor progression through the program. Academic counseling, individualized attention, and career mentoring are integral to the advisement process.

In the program, students participate in a variety of practicum settings. The Egan School has affiliations with more than 100 agencies, including small and large hospitals, community health agencies, in-patient and out-patient psychiatric institutions, and schools. Opportunities are available in urban and suburban settings, for students to work with people of different cultures, backgrounds, and needs.

The Egan School is housed in the Center for Nursing and Health Studies, which includes academic collaboration, state-of-the-art simulation, integrated learning classrooms, clinical learning environments, a task training laboratory space and classrooms to support our Integrated Health programs. The Center for Nursing and Health Studies reflects the interdisciplinary collaboration on campus of both faculty and students, and provides opportunities for enhanced collaboration through think-tanks, research initiatives, and shared teaching spaces.

## Mission Statement

Consistent with the mission of Fairfield University to develop men and women for others, the Marion Peckham Egan School of Nursing and Health Studies inspires students to become leaders across social and healthcare environments. These students are actively engaged with faculty in practice, policy, scholarship and service. As a modern Jesuit institution, a central focus of our care is to improve health outcomes with particular attention to the needs of the underserved or vulnerable populations.

## Vision Statement

Our vision is to inspire professional leaders who demonstrate excellence across environments of care. Building on a tradition of caring, our commitment is to provide evidence-based, culturally sensitive interprofessional nursing health studies education that promotes social justice and facilitates reflection and life-long learning.

## Purpose Statement

To inspire students to become leaders across social and healthcare environments who improve health outcomes for all, inclusive of underserved or vulnerable populations.

## Transfer to the Egan School

Fairfield University students who are currently enrolled in any major have the opportunity to transfer their major to the Egan School.

Incoming first year students may not transfer into the Egan School to pursue nursing during their first year. Following their first year, students enrolled in any other major may be eligible to transfer to nursing if they meet the academic requirements.

Students with an overall GPA of 3.00 or above who have successfully completed Fairfield University core requirements and prerequisite courses with a grade of B or better may be eligible to transfer into the nursing program. Nursing classes will begin in the summer between junior and senior year. Students will join the accelerated nursing program students, maintaining their full-time undergraduate status, and graduate with a Bachelor of Science in August following their senior year.

Students with a GPA of 2.50 or above may transfer into the Public Health program in consultation with the Assistant Dean and Director of Public Health.

## Degrees

### Bachelor of Science

- Nursing (p. 329)
  - Second Degree BSN Program (p. 336)
- Public Health (p. 337)

### Bachelor of Social Work

- Social Work (p. 342)

## University Honors Program

The Egan School participates in the University Honors Program (p. 145), an interdisciplinary course of study open to invited freshmen and sophomores and devoted to intellectual history, interdisciplinary studies, and advanced work in the student's major field.

## Nursing

Upon successful completion of the program, students receive a Bachelor of Science in Nursing. Nursing graduates are qualified to take the NCLEX examination for licensure as a registered nurse. The nursing program is accredited by the Commission on Collegiate Nursing Education and approved by the Connecticut Department of Higher Education and the Connecticut State Board of Examiners for Nursing.

## Baccalaureate in Nursing Program Outcomes

1. Demonstrate effectiveness in planning and providing holistic evidence-based nursing care for diverse individuals and populations.
2. Create an environment for the provision of care within clinical microsystems with attention to quality, safety, information systems and health care ethics.
3. Use clinical reasoning, critical thinking, and ethical decision-making based on nursing science, related theory, and current evidence, to inform the delivery of care across the lifespan.
4. Participate in inter- and intra-professional communication and collaboration in partnership with individuals and populations to deliver evidence-based, patient-centered care.
5. Translate knowledge from research, benchmarking, quality improvement and other relevant sources into practice to address health related problems.
6. Synthesize knowledge from the humanities and sciences in planning and providing care that is guided by the values of altruism, autonomy, human dignity, integrity, global citizenship, and social justice.
7. Demonstrate professional growth, through the cultivation of self-awareness, responsibility, accountability, creativity, leadership and commitment to lifelong learning.
8. Advocate for patients, consumers, and the nursing profession through involvement in the political process, and health/patient care policies and practices.

## CCNE Accreditation

The baccalaureate degree in nursing at Fairfield University is accredited by the:

Commission on Collegiate Nursing Education  
655 K Street, NW, Suite 750  
Washington, DC 20001  
Phone: 202-887-6791  
Fax: 202-887-8476

## Programs

### Bachelor of Science Curriculum

- Nursing Major (p. 334)
- Second Degree BSN Program (p. 336)

The four components of the Egan School undergraduate nursing program are:

#### Core Curriculum

Nursing students must complete the core curriculum (p. 25) that is required of all Fairfield undergraduates.

#### Natural and Social Sciences

Students take one semester of chemistry and three semesters of biology that include anatomy and physiology, and microbiology. Because the social sciences form an important part of the foundation for nursing practice, students also take developmental psychology and a social and behavioral science elective.

## Nursing Courses

Classroom instruction in nursing theory begins in the freshman year and continues throughout the undergraduate program. Instruction in nursing skills begins in the sophomore year. Nursing courses include theoretical and clinical components. With each semester, clinical hours increase. To insure that students obtain the breadth and depth of clinical experience needed, the school has associations with many clinical facilities, including private hospitals, veterans' hospitals, clinics, outpatient departments, rehabilitation centers, public health departments, long-term care facilities, home care agencies, community health centers, and schools. Students provide their own transportation to clinical agencies, and all costs associated with clinical placements including travel, parking, background checks, and health and professional requirements, are the responsibility of the student.

## Electives

Free electives in the curriculum provide students with an opportunity to explore topics of interest including the liberal arts, nursing, and minor options.

## Eligibility Requirements

The curricula leading to degrees in nursing from Fairfield University requires students to possess essential non-academic skills and functions required to engage in clinical practice. It is within the sole determination of Fairfield University and the Marion Peckham Egan School of Nursing and Health Studies to assess and determine whether a student meets these skills and functions. Eligibility requirements for participation and completion in the nursing program shall include, but are not limited to, the following six capabilities:

### Critical Thinking

Critical thinking ability sufficient for clinical judgment; student must be able to examine, interpret, analyze, and synthesize material for problem solving and evaluation of patient situations and own performance.

- Ability to assess, plan, establish priorities, implement and evaluate patient outcomes.
- Ability to calculate appropriate dosages for specific medications.
- Ability to use good judgment in establishing priorities and making appropriate decisions in client care.

### Interpersonal and Communication

Relationship and communication abilities appropriate for interacting sensitively with individuals, families, groups and inter-professional team members from a variety of social, cultural, and intellectual backgrounds. Ability to accurately and clearly communicate appropriate information regarding evidence-based practice, patient status and response to care, both orally and in writing.

- Interpersonal skills to communicate effectively with patients/families and members of the (inter-professional) healthcare team.
- Ability to gather and record patient data concerning history, health status and response to care.
- Ability to follow and give verbal and written reports, presentations and directions to patients, families, and members of the inter-professional health care team.

### Sensory Abilities

Ability to observe, identify, and obtain information in order to assess, plan, provide and evaluate nursing interventions; student must possess

adequate sensory abilities or be able to demonstrate appropriate and safe compensation for deficits.

- Visual acuity necessary to observe physical changes in health status, prepare and administer medications, and gather reference material and patient data from written and digital sources.
- Auditory ability to differentiate normal and abnormal heart, lung, & bowel sounds.
- Tactile ability to differentiate temperature and anomalies of the skin, as well as unsafe patient care devices.
- Cognitive ability sufficient to read and understand directions, assignments, and patient documents.

## Motor Skills and Mobility

Sufficient mobility, including the gross and fine motors skills needed to provide safe and competent nursing care, both routine and emergency.

- Sufficient motor skills necessary to perform physical care such as ambulating, positioning, and assisting with activities of daily living as needed.
- Fine motor skills needed for basic assessment such as palpation, auscultation, and percussion.
- Mobility sufficient to carry out patient care procedures such as suctioning, positioning, and drawing up medication into a syringe.

## Emotional Stability

Emotional stability for providing care safely to patients and their families within a rapidly changing and often stressful healthcare environment; the ability to monitor and identify one's own and others' emotions, and use the information to guide thinking and actions.

- Integrity needed to make ethical decisions and honor the professional code of nursing.
- Emotional ability to maintain calm in a crisis and emergency situation.
- Ability to develop mature relationships with the health care team and modify behavior in response to constructive feedback.

## Physical Health and Abilities

Physical health and stamina sufficient to provide care to diverse patient populations.

- Sufficient energy and ability to manage a typical patient assignment in a variety of settings for a full seven hour clinical day.
- Physical health necessary to care for those who are immuno-compromised, incapacitated, and/or otherwise vulnerable.

## Standards for Admission and Progression in the Nursing Curriculum

Students are required to successfully complete clinical practica involving direct patient care. By accepting admission in the Marion Peckham Egan School of Nursing, the student understands the program eligibility and progression requirements. Nursing students must follow all University educational policies and general regulations including those regarding academic progress.

## Prerequisites

The science and psychology courses are sequential and are prerequisites to designated nursing courses. Strong foundational knowledge in the science and psychology courses is critical to success in the nursing

program. Thus, students may not progress to the next semester with an incomplete in a prerequisite course. BIOL 1107 Human Anatomy and Physiology I, BIOL 1108 Human Anatomy and Physiology II, BIOL 1151 Elements of Microbiology, CHEM 1184 General Chemistry for Health Science, and PSYC 1110 Developmental Psychology for Non-Majors must be completed successfully with a minimum grade of C (73) for students to progress to the next semester in the course sequence for the nursing major. The final grade for CHEM 1184 is calculated based on grades for both the lab and theory portion.

Students unable to complete these courses successfully are expected to repeat coursework in the next semester or the summer session immediately following or they will be dismissed from the Egan School. Students consistently achieving minimum passing grades in prerequisite courses will be placed on Academic Warning. Students who do not obtain a grade of C or better in a prerequisite course may repeat the course once. If a grade of C or better in the repeated class is not earned, then the student will be dismissed from the program. A grade of less than C in three or more prerequisite courses will result in dismissal from the nursing program in the Egan School.

## Nursing Courses

Nursing courses are sequential, beginning with foundational courses and progressing to increasing levels of complexity and challenge throughout the program. As students move through the curriculum, new content is integrated and builds upon previously learned material. Thus, all students must earn the minimum grade of C+ (77) in all nursing courses to progress to the next semester and continue in the program.

Further, students may not progress to the next semester with an incomplete in any nursing course. Students who do not obtain a grade of C+ or better in a nursing course may repeat the course once. A grade of less than C+ in two nursing courses (including a repeated course) will result in dismissal from the Egan School. The clinical component of all clinical nursing courses is graded on a pass/fail basis. Students must pass the theory and clinical component of a course to pass the entire course, regardless of their grade in the theory component. Students who fail to earn the minimum grade in either component of a clinical course must repeat the entire course.

## Health and Professional Requirements

All clinical agencies require documentation of various professional and health information. Nursing students must be certified in cardiopulmonary resuscitation (CPR) before starting clinical in their sophomore year and remain certified throughout the nursing program. Students must receive their certification through either the Health Care Provider course offered through the American Heart Association or the Professional Rescuer or CPR/AED for Lifeguard Certification course offered through the American Red Cross. All health requirements and OSHA training requirements must be met each year prior to clinical practice.

To attend clinical, students must have a physical examination, a non-reactive TB skin test or a negative QuantiFERON Gold Blood Test (if positive results, proof of a clear chest x-ray must be provided), and proof of influenza vaccine yearly. Proof of immunization or immunity must be provided for the following: hepatitis, varicella, measles, mumps, rubella, and diphtheria-tetanus-pertussis. History of disease is not acceptable as proof of immunity; laboratory results of blood titers must be provided. CastleBranch.com is the immunization tracking system used by Fairfield University nursing students to house their health information. Students are responsible for uploading information and keeping all required

information updated throughout their clinical experience. Students unable to comply with agency requirements will be dismissed from the program. All costs associated with agency requirements are the responsibility of the student.

## Student Background Checks and Drug Testing

The undergraduate nursing program at Fairfield University requires the successful completion of the clinical component of the curriculum. Most clinical sites require students to complete a criminal background check and drug screening before participating in clinical placements. In addition, national certification agencies may determine that persons with criminal convictions are not eligible to sit for national certification examinations and state laws may restrict/prohibit those with criminal convictions from acquiring a professional license to practice following graduation. Therefore, it is the policy of the Egan School that all admitted students must satisfactorily complete a criminal background check and drug screens prior to participating in the clinical component of the curriculum. These will be completed at the student's expense at a location designated by the University, and may be required more than once depending on the agency. Fairfield University and the Egan School have no obligation to refund tuition or otherwise accommodate students in the event that a criminal, drug, or immunization history renders the student ineligible to complete required courses or clinical placement(s).

## Continuous Assessment

All nursing students participate in a comprehensive nationally standardized assessment program. This total testing program allows close monitoring of student progress and serves as the basis for individualized advisement. A testing fee will be included for all nursing students in appropriate semesters.

## Licensure

All nursing students graduate with a bachelor of science degree in nursing. To obtain initial licensure as a Registered Nurse, students apply to the State Board of Nursing in the state in which they plan to practice. In addition, students register to take the National Council Licensure Examination (NCLEX) at a conveniently located testing center.

All students are expected to pass the licensure exam on the first try. Application procedures vary by state. Information may be obtained on the National Council of State Boards of Nursing website: <http://www.ncsbn.org>.

Graduation from the nursing major does not insure eligibility for state licensure. A candidate who has been convicted of a felony or another crime in any state may be required to submit documentation about this conviction to the State Board of Nursing in which licensure is sought. Each State Board of Nursing reserves the right to make a decision on whether to grant licensure to practice as a registered nurse.

## Scholastic Honors

### Sigma Theta Tau, International Honor Society

The Mu Chi Chapter of the Sigma Theta Tau International Honor Society of Nursing was established at Fairfield University in 1992. Since then, the Chapter has grown to nearly 1000 members. The Society is committed to fostering nursing leadership, research and creativity. Standards for membership include demonstrated excellence in scholarship and/or exceptional achievement in nursing.



## Courses

### NURS 1110 Introduction to Professional Nursing 3 Credits

This course serves as a foundation to the development of the nurse as a professional person. Central to this is the awareness and acceptance of self. The process of clinical reasoning as an approach to the planning and delivery of nursing care to individuals, families, groups and communities is introduced. Discussion of nursing's history and accomplishments serves as the cornerstone for professional behaviors, including: scholarship, communication, collaboration, personal responsibility, accountability, integration of evidence based practice and peer- and self-evaluation. 42 theory hours. Previously NS 0110.

### NURS 1112 Healthcare Delivery Systems 3 Credits

**Attributes:** EDCG Educational Studies Cognate, EDDV Educational Studies Diversity, HSTE Health Studies: Traditions, Delivery, and Ethics  
The health care delivery system is explored from a historical, economic, political, and health information technology perspective. Emphasis is given to social, ethical, and legal aspects of the current system that remain unresolved, such as access to care, health disparities, and equity. The history and progression of healthcare reform and its influence on our current healthcare system performance will be analyzed. Global health issues and their impact on the delivery of health care services are discussed, along with consumer use of complementary and alternative therapies. This course is designed to give an inter-professional perspective to students interested in health care from any field of study. 42 theory hours. Previously NS 0112.

### NURS 2250 Dimensions of Professional Nursing 3 Credits

**Attributes:** UDIV U.S. Diversity  
**Prerequisite:** Connecticut RN license or academic transcript and approval of advisor.  
This course is designed to facilitate career advancement of the registered nurse to the baccalaureate level. This is the first course in the RN/BSN completion program. Consideration of values, culture, philosophy, and personal goals are examined as part of the student's professional development. Communication, clinical reasoning, and conflict resolution techniques will be utilized to foster positive inter-professional teams. Students will demonstrate an evidence based approach to analyze current healthcare issues including social justice and diversity in professional practice. 42 theory hours. Previously NS 0250.

### NURS 2252 Health Assessment for Registered Nurses 3 Credits

**Prerequisite:** Connecticut RN license.  
This course enhances knowledge and skills required to perform health assessments for patients throughout the lifespan. Health assessment focuses not only on physiological components, but also on the more holistic cultural, spiritual, developmental, nutritional, genetic, and mental status assessments. Clinical reasoning, communication, and documentation using electronic medical records are also essential components of this course. Students expand their skills in interviewing while learning how to perform health histories, and complete physical examinations through course lectures, discussions, simulations, and supervised and individual practice in classroom and laboratory modules. 28 theory, 28 lab hours. Previously NS 0252.

### NURS 2270 Health Assessment 4 Credits

**Prerequisites:** BIOL 1108, CHEM 1184, NURS 1110.  
This course introduces students to the knowledge and skills required to perform health assessments for patients throughout the lifespan. Health assessment focuses not only on physiological components, but also on the more holistic cultural, spiritual, developmental, nutritional, genetic, and mental status assessments. Clinical reasoning, communication and documentation using electronic medical records are also essential components of this course. Students expand their skills in interviewing while learning how to perform health histories, and complete physical examinations through course lectures, discussions, simulations, and supervised and individual practice in classroom and laboratory modules. 28 theory hours, 56 lab hours. Previously NS 0270.

### NURS 2270L Health Assessment Lab 0 Credits

### NURS 2272 Geriatric Nursing 4 Credits

**Prerequisites:** BIOL 1151\*, NURS 1110, NURS 1112, NURS 2270\*, PSYC 1111\*.  
This course focuses on evidence-based nursing care of older adults living in long-term care settings. Normal physiological changes of aging and related assessment skills will be incorporated and evaluated using standardized assessment tools. Management of common geriatric care problems will be emphasized. Particular focus will be placed on the ethical and spiritual concerns of vulnerable older adult populations. Students will reflect upon how the nursing role merges with life goals, philosophy, and meaning to develop professional behaviors consistent with these aspects of life. 42 theory hours, 42 clinical hours. Previously NS 0272. (\*indicates concurrency allowed)

### NURS 2272C Geriatric Nursing Clinical 0 Credits

### NURS 2303 Basic Pathophysiology and Pharmacology 3 Credits

**Prerequisites:** BIOL 1108, CHEM 1184.  
This course focuses on the study of physiological and biological life processes with a focus on deviations from normal, including exemplar cases. Manifestations of disease and alterations in all body systems are discussed. Pharmacologic therapies commonly used to manage disease are presented, including content on the recognition of side effects, adverse effects, allergy, and overdose. 42 theory hours. Previously NS 0303.

### NURS 2900 Special Topics (Shell) 1-3 Credits

This intermediate-level course focuses on a specific issue or topic within nursing. In successive offerings, the content of this course will vary considerably. Thus, students may take more than one section of the course provided the content is different. Previously NS 0385.

### NURS 3301 Health and Wellness 3 Credits

**Prerequisites:** NURS 2270, NURS 2272\*.  
This course explores factors that influence health and wellness throughout the lifespan. Epidemiology and evidence based practice provide a framework for the assessment of risk factors. How people make health-related decisions, what risks threaten their health, and reasons for adopting particular lifestyles are examined. Key elements considered essential to providing culturally competent care are reviewed, in addition to increasing awareness about health and healthcare disparities. Social determinants of health, communication, and other wellness concepts are explored. 42 theory hours. Previously NS 0301. (\*indicates concurrency allowed)



**NURS 3305 Mental Health Nursing 4 Credits**

**Prerequisites:** BIOL 1151\*, NURS 1112, NURS 2270\*, NURS 2303\*, PSYC 1110\*.

The focus of this course is the nursing care of individuals with psychiatric disorders. A holistic approach based on theories of human behavior and personality as well as neurobiological, developmental, trauma-informed, and recovery-oriented models are used to plan and implement care in a variety of settings. Factors that may contribute to an individual developing a psychiatric disorder are discussed and ethical, legal, and cultural issues are considered when planning care. The development of a therapeutic nurse-patient relationship and use of communication techniques to promote healing are emphasized. 42 theory hours, 42 clinical hours. Previously NS 0305. (\*indicates concurrency allowed)

**NURS 3305C Mental Health Nursing Clinical 0 Credits****NURS 3307 Fundamentals of Nursing Care 4 Credits**

**Prerequisites:** MATH 1016 or higher, NURS 2270.

In this course, evidence based practice is used as a guide for students to learn how to provide safe and effective patient care across the lifespan. In the laboratory setting, students perform basic to advanced psychomotor skills related to nursing care. Students also learn to effectively use an electronic health record to document clinical findings and care. 28 theory hours, 56 lab hours. Previously NS 0307.

**NURS 3307L Fundamentals of Nursing Care Lab 0 Credits****NURS 3310 Foundations of Research for Evidence Based Practice 3 Credits**

**Prerequisite:** MATH 1017 or MATH 2217.

This course aims to introduce the research process and its application to scholarship in clinical practice. Students learn to be consumers of research through a review of the literature, critique of research, and identification of methods appropriate to study specific practice-related problems. Applicability to clinical research and evidence-based practice is considered and translated. An emphasis is placed on clinical reasoning and writing skills. When evaluating student writing, consideration is given to the ability to communicate the main idea or topic, mechanics and organization of writing, use of supporting evidence, and relevance of the content. 42 theory hours. Previously NS 0310.

**NURS 3312 Medical Surgical Nursing I 5 Credits**

**Prerequisites:** NURS 3301\*, NURS 3305\*, NURS 3307.

This course introduces the student to illnesses common in the adult population. The nursing process, theory, and evidence-based practice, are incorporated with clinical practice. An emphasis is placed on clinical reasoning and prioritizing patient care. Throughout the course, informatics is integrated as part of the documentation process for clinical experiences. 42 theory hours, 84 clinical hours. Previously NS 0312. (\*indicates concurrency allowed)

**NURS 3312C Medical Surgical Nursing I Clinical 0 Credits****NURS 3314 Maternal and Newborn Nursing 4 Credits**

**Attributes:** WSGF Women, Gender, and Sexuality Studies: Gender Focused  
**Prerequisite:** NURS 3312\*.

This course is designed to provide students with the opportunity to assist the patient and family to cope with changes in reproductive and gynecological needs. The childbearing cycle including: pregnancy, childbirth, postpartum, lactation, care of the healthy newborn and perinatal complications, and theoretical models will be explored. Cultural, ethical and legal aspects of reproductive health across the lifespan will be examined. Emphasis is on development of clinical reasoning and evidence based practice skills related to the nursing care of women and childbearing families. 42 theory hours, 42 clinical hours. Previously NS 0314. (\*indicates concurrency allowed)

**NURS 3314C Maternal and Newborn Nursing Clinical 0 Credits****NURS 4321 Professional Nursing Leadership 3 Credits**

**Prerequisites:** NURS 2250\* or NURS 4325\*; NURS 3310\*.

This course immerses students in issues and concepts central to professional nursing. Political, social, and legal systems that affect the image of nursing and influence its role definition are examined. Organizational dynamics and theories of leadership are considered, with case studies and concurrent clinical experiences providing the foundation for theory integration. Focus is placed on patient safety and quality improvement. 42 theory hours. Previously NS 0321. (\*indicates concurrency allowed)

**NURS 4323 Pediatric Nursing 4 Credits**

**Prerequisite:** NURS 3312\*.

This course utilizes a family centered care approach to provide an understanding of the unique anatomical, physiologic, and developmental differences among neonates, infants, children, adolescents, and young adults. Social and cultural influences on children and their families are discussed in addition to assessment, genetics, health promotion, injury prevention, acute and chronic illness, and palliative and end-of-life care. Students are challenged to implement effective communication techniques, clinical reasoning skills, and evidenced based practices when planning holistic and safe care for children and their families in a wide variety of clinical settings. 42 theory hours, 42 clinical hours. Previously NS 0323. (\*indicates concurrency allowed)

**NURS 4323C Pediatric Nursing Clinical 0 Credits****NURS 4325 Medical Surgical Nursing II 5 Credits**

**Prerequisites:** NURS 3310\*, NURS 3312.

This course continues the study of nursing care for patients with illnesses common in the adult population. The theoretical framework of the nursing process is used to demonstrate effectiveness in planning and providing holistic evidence-based nursing care for diverse individuals and populations. Professional communication and interprofessional collaboration will be utilized in the delivery of patient-centered care. 42 theory hours, 84 clinical hours. Previously NS 0325. (\*indicates concurrency allowed)

**NURS 4325C Medical Surgical Nursing II Clinical 0 Credits****NURS 4330 Population Health 4 Credits**

**Attributes:** HSTE Health Studies: Traditions, Delivery, and Ethics, LCEL LACS Minor: Elective, WDIV World Diversity

**Prerequisite:** NURS 2250\* or NURS 4325\*.

This course focuses on the care of people in their homes, in communities, and around the world. Principles of disease prevention, risk reduction, and health promotion are applied to diverse populations in the USA and worldwide. Students synthesize prior experience and learning with public health theory to provide collaborative, quality care across the lifespan. Using an ecological model, students engage in evidence based care for individuals, families, groups, communities and populations. Global issues related to the impact of social policies on healthcare and health equity, and needs of vulnerable populations are also examined. 42 theory hours, 42 clinical hours. Previously NS 0330. (\*indicates concurrency allowed)

**NURS 4330C Population Health Clinical 0 Credits**

**NURS 4332 Transition to Professional Nursing** **4 Credits**

**Prerequisites:** NURS 3314, NURS 4321\*, NURS 4323, NURS 4330\*.  
This capstone course addresses provision of holistic, evidence based care to patients and families in a variety of health care settings. Students have the opportunity to work as a member of the health care team with an individual agency preceptor across the course. The focus is on fostering student growth in clinical reasoning, clinical reasoning and leadership development to promote autonomous professional nursing practice within the clinical setting. Students develop a Capstone Project based on an identified learning need, for the patient, the patient's family, or for the nursing staff. 168 clinical hours. Previously NS 0332. (\*indicates concurrency allowed)

**NURS 4332C Transition to Professional Nursing Clinical** **0 Credits**

**NURS 4356 Transition Seminar for Professional Nursing** **3 Credits**

**Prerequisites:** Connecticut RN license, NURS 4321\*, NURS 4330\*.  
This capstone course challenges the RN student to facilitate change in a clinical setting and positively influence patient outcomes. Students engage in collaborative interprofessional work with members of the healthcare team, and reflect on their own role as a professional nurse. Through this course, students demonstrate evidence based practice, leadership, and clinical reasoning to make the transition to an autonomous professional level of practice. 42 theory hours. Previously NS 0356. (\*indicates concurrency allowed)

**NURS 4360 Critical Care Nursing** **3 Credits**

**Prerequisite:** NURS 4325.  
This elective course is an introduction to critical care nursing. The focus is placed on nursing diagnoses and evidence based practice in the care of the critically ill patient. Common issues such as ethical dilemmas, psychosocial challenges, and symptom management are discussed. Relevant nursing implications for the care of critically ill patients are addressed. Students also gain skills in advanced critical care, hemodynamic monitoring, and ventilator management. 42 theory hours. Previously NS 0360.

**NURS 4990 Independent Study** **1-6 Credits**

Through individually designed projects or activities, students work with a faculty member to study a specific area in depth. Enrollment by permission only. Previously NS 0399.

**Faculty**

**Professors**

Kazer, *Dean*  
O'Shea  
Wheeler

**Associate Professors**

Bautista  
Beauvais, *Associate Dean*  
Conelius  
Denhup  
Gerard  
Kris  
LoGiudice  
Mager  
Phillips  
Planas  
Roney, *Undergraduate Nursing Program Director*  
Shea

**Assistant Professors**

Bartos  
Bartholomay (Visiting)  
Corcoran (Visiting)  
Esposito  
Moriber  
Neitlich (Visiting)  
Oliver, *Director of Undergraduate Social Work*  
Pomarico, *Adult Program Director*  
Schindler-Ruwisch

**Assistant Professors, VA Nursing Academy**

Conklin  
Murphy

**Assistant Professors of the Practice**

Burrows  
Chaplik, *Assistant Dean*  
Hall  
Iannino-Renz  
Lovanio  
Sullivan

**Instructors of the Practice**

Saracino

**Nursing Major**

Requirements		
Code	Title	Credits
BIOL 1107 & 1107L	Human Anatomy and Physiology I and Human Anatomy and Physiology I Lab	4
BIOL 1108 & 1108L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab	4
BIOL 1151 & 1151L	Elements of Microbiology and Elements of Microbiology Lab	4
CHEM 1184 & 1184L	General Chemistry for Health Science and General Chemistry for Health Science Lab	4
MATH 1016 or MATH 1121	Concepts of Calculus or Applied Calculus I	3
MATH 1017	Elementary Probability and Statistics	3
NURS 1110	Introduction to Professional Nursing	3
NURS 1112	Healthcare Delivery Systems	3
NURS 2270 & 2270L	Health Assessment and Health Assessment Lab	4
NURS 2272 & 2272C	Geriatric Nursing and Geriatric Nursing Clinical	4
NURS 2303	Basic Pathophysiology and Pharmacology	3
NURS 3301	Health and Wellness	3
NURS 3305 & 3305C	Mental Health Nursing and Mental Health Nursing Clinical	4
NURS 3307 & 3307L	Fundamentals of Nursing Care and Fundamentals of Nursing Care Lab	4

NURS 3310	Foundations of Research for Evidence Based Practice	3
NURS 3312 & 3312C	Medical Surgical Nursing I and Medical Surgical Nursing I Clinical	5
NURS 3314 & 3314C	Maternal and Newborn Nursing and Maternal and Newborn Nursing Clinical	4
NURS 4321	Professional Nursing Leadership	3
NURS 4323 & 4323C	Pediatric Nursing and Pediatric Nursing Clinical	4
NURS 4325 & 4325C	Medical Surgical Nursing II and Medical Surgical Nursing II Clinical	5
NURS 4330	Population Health	4
NURS 4332 & 4332C	Transition to Professional Nursing and Transition to Professional Nursing Clinical	4
PSYC 1110	Developmental Psychology for Non-Majors	3
Total Credits		85

## Plan of Study

The plan of study below presents a typical four year schedule of courses in the program.

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum, which is woven into this plan. Please refer to the Curricula section of this undergraduate catalog for a detailed explanation of the Magis Core (p. 28).

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL 1107 & 1107L	Human Anatomy and Physiology I and Human Anatomy and Physiology I Lab	4
CHEM 1184 & 1184L or MATH 1016	General Chemistry for Health Science or Concepts of Calculus	3-4
ENGL 1001	Introduction to Rhetoric and Composition	3
HIST or PHIL or RLST Orientation Tier		3
Modern/Classical Language Orientation Tier		3
Credits		16-17
<b>Spring</b>		
BIOL 1108 & 1108L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab	4
CHEM 1184 & 1184L or MATH 1016	General Chemistry for Health Science or Concepts of Calculus	3-4
HIST or PHIL or RLST Orientation Tier		3
Literature or Visual and Performing Arts Exploration Tier		3
NURS 1110 or NURS 1112	Introduction to Professional Nursing or Healthcare Delivery Systems	3
Credits		16-17
<b>Second Year</b>		
<b>Fall</b>		
Literature or Visual and Performing Arts Exploration Tier		3
MATH 1017 or HIST or PHIL or RLST Orientation Tier	Elementary Probability and Statistics	3

NURS 1112 or NURS 1110	Healthcare Delivery Systems or Introduction to Professional Nursing	3
NURS 2303	Basic Pathophysiology and Pharmacology	3
PSYC 1110 or BIOL 1151	Developmental Psychology for Non-Majors or Elements of Microbiology	3
Credits		15
<b>Spring</b>		
BIOL 1151 or PSYC 1110	Elements of Microbiology or Developmental Psychology for Non-Majors	4
HIST or PHIL or RLST Exploration Tier		3
MATH 1017 or HIST or PHIL or RLST Orientation Tier	Elementary Probability and Statistics	3
NURS 2270	Health Assessment	4
NURS 2272 or NURS 3305	Geriatric Nursing or Mental Health Nursing	4
Credits		18

### Third Year

<b>Fall</b>		
Behavioral and Social Science Exploration Tier		3
HIST or PHIL or RLST Exploration Tier		3
NURS 3301	Health and Wellness	3
NURS 3305 or NURS 2272	Mental Health Nursing or Geriatric Nursing	4
NURS 3307	Fundamentals of Nursing Care	4
Credits		17

### Spring

Applied Ethics Elective		3
NURS 3310	Foundations of Research for Evidence Based Practice	3
NURS 3312	Medical Surgical Nursing I	5
NURS 3314 or NURS 4323	Maternal and Newborn Nursing or Pediatric Nursing	4
Credits		15

### Fourth Year

<b>Fall</b>		
NURS 4323 or NURS 3314	Pediatric Nursing or Maternal and Newborn Nursing	4
NURS 4325	Medical Surgical Nursing II	5
Free Elective		3
Free Elective		3
Credits		15
<b>Spring</b>		
NURS 4321	Professional Nursing Leadership	3
NURS 4330	Population Health	4
NURS 4332	Transition to Professional Nursing	4
Free Elective		3
Free Elective		3
Credits		17
Total Credits		130

## Nursing Study Abroad

The Egan School offers study abroad opportunities for short-term and semester-long study at Fairfield University affiliated programs.

### Nursing Semester Study Abroad Options

The nursing semester study abroad program is open to Fairfield University nursing students who have successfully completed all semesters prior to studying abroad, have an overall GPA of at least 3.00, and are recommended by their faculty advisor and the director of the undergraduate nursing program. Students must have a GPA of 3.00 or better in the sciences, with no repeated core science courses. In addition, students must have a minimum average grade of B- (80) in all nursing courses at the midpoint of semester before they study abroad. Normally, a maximum of 8-12 students will be permitted to study abroad in any semester. If there are more applicants that meet the criteria than available spots, then a determination will be made by looking at multiple factors including, but not limited to, ATI performance, student conduct, and academic & clinical performance.

Full-time undergraduate students enroll in liberal arts, healthcare and professional nursing courses in an international setting in the junior year. While abroad or upon return, students will be required to complete selected ATI subject area tests.

#### Australia

Students who select the Australia study abroad option have a semester running from February to June. Students continue in the traditional nursing progression with some minor curricular adjustments.

#### Ireland

The semester abroad in Ireland runs from January to May. Upon their return, students complete a medication and skills review, enroll in a six-week medical-surgical summer course on campus from mid-May to mid-July, and continue in the traditional nursing progression with some minor curriculum adjustments. Students are responsible for the cost of the summer course and housing.

### Non-Nursing Study Abroad Options

The University offers many intersession and summer programs that offer exceptional learning opportunities beyond the classroom. An overall GPA of 2.80 is required to study abroad in short-term and summer programs. Students can choose to study in a variety of countries in South or Central America, Europe, the United Kingdom, Middle East, Asia, Africa, or Australia.

## Second Degree BSN Program

The Marion Peckham Egan School of Nursing and Health Studies offers an accelerated Bachelor of Science in Nursing (BSN) degree for individuals who hold a bachelor's degree in a field other than nursing. The program begins in June and continues through graduation in August of the following year: a total of 15 months.

The Second Degree BSN Program is designed to draw on your prior education and experience while allowing you to earn a second bachelor's degree in an accelerated format. This previous knowledge serves as a foundation for nursing courses and helps you develop the social awareness, critical thinking skills, aesthetic sensibility and values that

prepare you to sit for the NCLEX licensing exam. The program will empower you to become a leader in the nursing field.

### Admission

Admission is competitive and all students must have a minimum GPA of 3.00 to declare a nursing major. Students must complete an application to begin nursing courses.

### Core Requirements

Adult learners must meet the University's core course requirements. Course requirements in the liberal arts and required supportive courses can be met by challenge examinations, transfer credits from other academic institutions, or enrollment in specific courses. Courses are accepted in transfer from other accredited colleges and universities on the basis of a satisfactory (C or better) academic record and course equivalency.

### Prerequisite Course Requirements

The Egan School suggests that all prerequisite courses be completed within 10 years prior to the first nursing course. Applicants normally have completed science courses with grades of A or B in the last three to five years. Acceptance of credit is at the discretion of the Program Director and Dean. Students are expected to review course material to ensure that their knowledge of the subject matter is current. Students can maximize their potential for success in the nursing program with a strong foundation that is provided by these courses.

### Residency Requirement

A minimum of 60 credits, including credits in nursing, must be completed at Fairfield University. In addition, the last 30 credits for the degree must be taken at Fairfield University.

### Credit from International Programs

Students completing coursework outside the United States must submit certified English transcripts and course-by-course evaluation of all academic records. Information may be obtained from World Education Services (800-937-3895 or [info@wes.org](mailto:info@wes.org)).

## Requirements

### Second Degree Core Courses

Code	Title	Credits
<b>Humanities</b>		
Select two courses in English		6
Select one course in Ethics		3
Select one course in Philosophy		3
Select one course in Religious Studies		3
<b>Prerequisites <sup>1</sup></b>		
BIOL 1107 & 1107L	Human Anatomy and Physiology I and Human Anatomy and Physiology I Lab	4
BIOL 1108 & 1108L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab	4
BIOL 1151 & 1151L	Elements of Microbiology and Elements of Microbiology Lab	4
Select one course in Chemistry with lab		4
PSYC 1110	Developmental Psychology for Non-Majors	3

Select one course in Statistics	3
<b>General Electives</b>	
Select 11 elective courses	33
Total Credits	70

<sup>1</sup> Selected prerequisite requirements may be met through challenge exams or transfer of credit from approved academic institutions.

## Second Degree Nursing Requirements

Code	Title	Credits
NURS 1110	Introduction to Professional Nursing	3
NURS 1112	Healthcare Delivery Systems	3
NURS 2270	Health Assessment	4
NURS 2272	Geriatric Nursing	4
NURS 2303	Basic Pathophysiology and Pharmacology	3
NURS 3301	Health and Wellness	3
NURS 3305	Mental Health Nursing	4
NURS 3307	Fundamentals of Nursing Care	4
NURS 3310	Foundations of Research for Evidence Based Practice	3
NURS 3312	Medical Surgical Nursing I	5
NURS 3314	Maternal and Newborn Nursing	4
NURS 4321	Professional Nursing Leadership	3
NURS 4323	Pediatric Nursing	4
NURS 4325	Medical Surgical Nursing II	5
NURS 4330	Population Health	4
NURS 4332	Transition to Professional Nursing	4
Total Credits		60

## Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Summer</b>		
NURS 1110	Introduction to Professional Nursing	3
NURS 1112	Healthcare Delivery Systems	3
NURS 2270	Health Assessment	4
NURS 2272	Geriatric Nursing	4
NURS 3307	Fundamentals of Nursing Care	4
	Credits	18
<b>Fall</b>		
NURS 2303	Basic Pathophysiology and Pharmacology	3
NURS 3301	Health and Wellness	3
NURS 3305	Mental Health Nursing	4
NURS 3312	Medical Surgical Nursing I	5
	Credits	15
<b>Spring</b>		
NURS 3310	Foundations of Research for Evidence Based Practice	3
NURS 4321	Professional Nursing Leadership	3
NURS 4323	Pediatric Nursing	4

NURS 4325	Medical Surgical Nursing II	5
	Credits	15

### Second Year

#### Summer

NURS 3314	Maternal and Newborn Nursing	4
NURS 4330	Population Health	4
NURS 4332	Transition to Professional Nursing	4
	Credits	12
	Total Credits	60

## Public Health

The Marion Peckham Egan School of Nursing and Health Studies offers a major and minor in public health. These programs aim to prepare students to address health inequity through graduating 'change agents' who can lead and advocate for improved health conditions worldwide.

The foundational course for the program provides a glimpse into critical local, national, and global health system structures, disease and injury prevention, and the public health roles of assessment, policy development, and assurance that will be discussed in more detail in subsequent courses. In collaboration with the nursing and social work programs, the major features a unique inter-professional and social justice-oriented framework.

## Program Outcomes

Graduates of the Fairfield University Public Health major will have a comprehensive foundation in the theory and practice of Public Health with a strong emphasis on inter-professional collaboration, social justice, health equity, evidence-based problem solving and policy.

The learning outcomes reflect the accreditation requirements of the Council on Education in Public Health (CEPH). In addition, the didactic and field preparation will prepare graduates to sit for the Certification in Public Health exam and to be competitive for diverse entry-level positions in domestic and global public health or to pursue graduate programs in Public Health or related sub-specialties.

Upon completion of the Bachelor of Science in Public Health, graduates will be able to:

1. Synthesize knowledge of the history, essential principles, and philosophy of public health to improve care of diverse populations across the lifespan with attention to social justice and ethical practices.
2. Apply the principles of assessment, planning, intervention, implementation, and evaluation to identify and address public health needs of communities and populations.
3. Implement the use of evidence-based data collection and analytic skills (methods, quantitative and qualitative techniques) to influence health policy and impact population health outcomes.
4. Translate knowledge of the fundamental concepts of the biological, environmental, behavioral, and social determinants of health and mental health, inequities and access to care, in line with a social ecological approach, to impact health outcomes for groups of people.
5. Analyze how diverse national and global governance mechanisms influence the organization and operations of health care systems with a focus on economic, legal, ethical, and regulatory policy dimensions.



6. Demonstrate effective and innovative communication and collaboration methods to enhance public health through community empowerment and mobilization of partnerships.
7. Demonstrate leadership to inform and advocate for health promotion and disease and injury prevention for diverse populations.

## Programs

- Public Health Major (p. 339)
- Public Health Minor (p. 342)

## Courses

### **PUBH 1101 Public Health and Social Justice 3 Credits**

Health is broadly considered a human right and universal access to care is a core function of public health. Improving health often requires population-level interventions. Addressing inequity is a significant public health challenge. This course illuminates the social justice dimension of public health practice. Students will become familiar with public health action to address health disparities and learn to effectively advance public health through not only public health practice, but also the intersection of education, policy, medicine, and ethics. Previously PB 0101.

### **PUBH 2201 Public Health, Disease, and Injury 3 Credits**

**Prerequisite:** PUBH 1101.

Public health requires familiarity with the epidemiology, pathology, prevention, and treatment of a wide range of infectious, non-communicable, mental, reproductive, and nutritional conditions, as well as violence and unintentional injuries. This course offers a population-focused survey of abnormal human health with an emphasis on leading global causes of morbidity and mortality, key personal risk factors, and broader social determinants of health. The student will gain an understanding of principles for endemic disease and injury control and establishes the foundation for courses that follow. Previously PB 0201.

### **PUBH 2216 Introductory Principles of Epidemiology 3 Credits**

**Prerequisite:** MATH 1016 or higher.

Epidemiology is the foundation for public health research, with applications in several other disciplines. This course is designed to introduce students to the core principles of epidemiology and familiarize students with the applications of biostatistics in health research. During the course, students will learn about the historical origins of the field of epidemiology, as well as concepts of study design and data interpretation. Previously PB 0216.

### **PUBH 2217 Biostatistics for Health Research 3 Credits**

**Attributes:** HSST Health Studies: Science and Technology

**Prerequisites:** MATH 1017 or higher; PUBH 2216.

Biostatistics is the foundation for many forms of health research with applications in several other disciplines. This course is designed to introduce students to the core principles of statistical practices used in the Public Health research setting and familiarize students with the applications of biostatistics in health research. During the course, students will practice applied biostatistics by using SPSS to complete data analysis of a public health dataset. Previously PB 0217.

### **PUBH 2240 Introduction to Global Public Health 3 Credits**

**Attributes:** HACA Humanitarian Action Minor Context Course, HSTE Health Studies: Traditions, Delivery, and Ethics, LCEL LACS Minor: Elective  
This course examines the social, economic, and cultural factors impacting the health of societies worldwide and identifies key global health conditions. Principles of disease prevention, risk reduction, and health promotion are applied to diverse populations. Students will analyze current and emerging global health priorities, including emerging communicable and non-communicable diseases, poverty, inequities, and conflicts and crises. Global issues related to the impact of social policies on healthcare equity and needs of vulnerable populations are also examined. Previously PB 0240.

### **PUBH 2250 Community Nutrition 3 Credits**

This course will introduce students to the fundamental applications of nutrition in a public health setting. Students will learn the theory behind health behavior change, community assessment, intervention planning, and program management. Students will also have an opportunity to practice the skills necessary to carry out these activities through assignments. During the course, students will create a nutrition brochure and produce a video Public Service Announcement. By the end of this course, students will have a deeper understanding of how public health professionals identify nutritional risk in the community, and design programs to prevent the development of disease. Previously PB 0250.

### **PUBH 3303 Public Health Program Planning and Evaluation 3 Credits**

**Prerequisites:** PUBH 2201, PUBH 2216, PUBH 2217.

This course provides the foundation for developing culturally competent community-based health interventions. Students learn the process of public health programming, including assessment, design, planning, implementation, and evaluation. This course integrates theory to examine interventions at various levels (individual, community, policy). Previously PB 0303.

### **PUBH 3980 Public Health Internship 4 Credits**

**Prerequisites:** BIOL 1108 or BIOL 1172; CHEM 1184, PUBH 3303.

This internship experience exposes students to the elements of the core functions of public health and the application of these core functions in public health settings. The internship may be completed with a regional public health partner. While not all internships will allow for extensive exposure to all of the essential services, students are expected to discuss how the agency addresses those services. Students will work to connect field experiences to future public health career goals. Previously PB 0315.

### **PUBH 3990 Independent Study 1-6 Credits**

Through individually designed projects or activities, students work with a faculty member to study a specific area in depth. Enrollment by permission only.

### **PUBH 4301 Leadership for Interdisciplinary Health Professionals 3 Credits**

**Prerequisite:** BIOL 1108 or BIOL 1172; CHEM 1184, PUBH 3303.

This course is designed to expose students in the fields of public health and social work to conceptual frameworks through which to view leadership. Students will explore the key values and personal attributes that guide the leadership process. Students will engage in dynamic exercises and collaborative work to better understand leadership principles and work to apply these concepts to communities in their fields of study. Students will have the opportunity to reflect on leadership qualities relevant to their profession as well as personal leadership qualities that guide the relationship with vulnerable populations. Previously PB 0301.

**PUBH 4305 Public Health Seminar****3 Credits****Prerequisite:** BIOL 1108 or BIOL 1172; CHEM 1184, PUBH 3303.

In this seminar, students will apply evidence-based skills learned throughout the program in order to better understand public health information. Through weekly readings and discussions, students will use public health knowledge and examine implications for social justice while modeling the discourse that occurs in professional public health settings. Previously PB 0305.

**PUBH 4999 Public Health Capstone****3 Credits****Prerequisite:** BIOL 1108 or BIOL 1172; CHEM 1184, PUBH 3303.

This capstone course is designed to provide a platform for the development of strategic plans to address current public health problems identified during the internship experience. Within the course, students develop a comprehensive strategy incorporating skills in needs assessment, statistics and epidemiology, program planning and evaluation, policy development, and advocacy to address an identified need. Previously PB 0310.

## Faculty

**Director**

Doughty

**Assistant Professors**

List (Visiting)

Schindler-Ruwisch

**Public Health Major****Bachelor of Science Curriculum****Core Curriculum**

Public health students must complete the core curriculum (p. 25) that is required of all Fairfield undergraduates, with specific courses required to meet major and core curricular requirements.

**Natural and Social Sciences**

Students take one semester of Chemistry and two semester sequence of Biology. Because communication and social sciences form an important part of the foundation for Public Health practice, students also take specific courses in these areas.

**Public Health Courses**

Classroom instruction in Public health theory begins in the freshman year and continues throughout the undergraduate program. Public Health courses include theoretical and field requirements. To insure that students obtain the breadth and depth of field experiences needed, the school has associations with a diverse range of health facilities, organizations, and public health departments. Students provide their own transportation to internship experiences, and all costs associated with these placements. Travel, parking, background checks, and health and professional requirements, are the responsibility of the student.

**Electives**

Free electives in the curriculum provide students with an opportunity to explore topics of interest including the liberal arts and sciences, advanced public health topics, and minor options.

**Eligibility Requirements**

The curricula leading to a degree in Public Health from Fairfield University requires students to possess essential non-academic skills and capabilities necessary for professional practice. It is within the sole determination of Fairfield University and the Egan School to assess and conclude whether a student has these skills and capabilities. Eligibility requirements for participation and completion of the Public Health program shall include, but are not limited to, the following six capabilities:

**Critical Thinking**

Critical thinking ability sufficient for professional judgement; student must be able to examine, interpret, analyze, and synthesize material for problem solving and evaluation of professional situations and their own performance.

**Interpersonal and Communication**

Relationship and communication abilities appropriate for interacting sensitively with individuals, families, and groups from a variety of professional, social, cultural, and intellectual backgrounds. Ability to accurately and clearly communicate appropriate information for lay and professional audiences, both orally and in writing.

**Sensory Abilities**

Ability to observe, identify, and obtain information in order to assess, plan, provide and evaluate public health situations and interventions; student must possess adequate sensory abilities or be able to demonstrate appropriate and safe compensation for deficits.

**Motor Skills and Mobility**

Sufficient mobility, including the gross and fine motor skills needed to function in professional public health environments.

**Emotional Stability**

Emotional stability sufficient to function within rapidly changing and often stressful professional environments; the ability to monitor and identify one's own and others' emotions, and use the information to guide thinking and actions.

- Integrity needed to make ethical decisions and honor the professional code of Public Health.
- Emotional ability to maintain calm in crisis and emergency situations.
- Ability to develop mature relationships with the other professionals and modify behavior in response to constructive feedback.
- Respect for diversity as well as regard and respect for others.
- Knowledge about and commitment to the values and ethics of the profession.
- Self-awareness and insight with sufficient capacity for self-evaluation and ability to take part in the supervisory process.

**Physical Health and Abilities**

Physical health and stamina sufficient to function in public health environments.

- Sufficient energy and ability to manage public health responsibilities in a variety of settings for a full internship day.
- Physical health necessary to interact with those who may be immunocompromised, incapacitated, and/or otherwise vulnerable populations.

# Standards for Admission and Progression in the Public Health Curriculum

Students are required to successfully complete all core, required courses and internship experiences. By accepting admission in the Egan School, the student understands the program eligibility and progression requirements. Public Health students must follow all University educational policies and general regulations including those regarding academic progress.

## Prerequisites

The science and math courses are sequential and are prerequisites to designated Public Health courses. Strong foundational knowledge in the science and math courses is critical to success in the Public Health program. Thus, students may not progress to the next semester with an incomplete in prerequisite courses. Biology, Chemistry, Math, and Public Health courses must be completed successfully with a minimum grade of C (73) for students to progress to the next semester in the course sequence for the Public Health major. The final grade for CHEM 1184 is calculated based from grades for both the lab and theory portion.

Students unable to complete these courses successfully are expected to repeat coursework in the next semester or the summer session immediately following or they will be dismissed from the Egan School. Students who do not obtain a grade of C or better in a prerequisite course (including a repeated course) may repeat the course once. A grade of less than C in three or more prerequisite courses will result in dismissal from the Egan School.

## Public Health Courses

Public Health courses are sequential, beginning with foundational courses and progressing to increasing levels of complexity and challenge throughout the program. As students move through the curriculum, new content is integrated and builds upon previously learned material. Thus, all students must earn the minimum grade of C (73) in all Public health courses to progress to the next semester and continue in the program.

Further, students may not progress to the next semester with an incomplete in any Public Health course. Students who do not obtain a grade of C or better in a Public Health course may repeat the course once. A grade of less than C in two Public health courses (including a repeated course) will result in dismissal from the Egan School. The internship component of the Public Health program is graded on a pass/fail basis. Students must pass the theory component. Students who fail to earn the minimum grade in either component of a course must repeat the entire course.

## Health and Professional Requirements

Some public health field placements require documentation of particular professional and health information. Public health students must be certified in cardiopulmonary resuscitation by January 1 of the junior year and remain certified throughout the Public Health Program. Students must receive their certification through either the Health Care Provider course offered through the American Heart Association or the Professional Rescuer or CPR/AED for Lifeguard Certification course offered through the American Red Cross. Any health requirements and OSHA training requirements must be met prior to the programmed field experience.

To attend some internship experiences, students must have a physical examination and nonreactive TB skin test or negative QuantiFERON Gold Blood Test (if positive, proof of a clear chest x-ray must be provided).

Proof of immunization or immunity must be provided for the following: hepatitis A and B, varicella, measles, mumps, rubella, flu, and diphtheria-tetanus. History of disease is not acceptable as proof of immunity; laboratory results of blood titers must be provided. CastleBranch.com is the immunization tracking system used by Fairfield University Public Health students to house their health information. Students are responsible for uploading information and keeping all required information updated. Students unable to comply with field placement requirements will be dismissed from the program. All costs associated with these requirements including transportation to and from field placements are the responsibility of the student. A criminal, drug or immunization history that prevents a student from entering a field placement/internship may not be able to progress in the program.

## Student Background Checks and Drug Testing

The undergraduate public health program at Fairfield University requires the successful completion of the internship component of the curriculum. Some internship sites may require students to complete a criminal background check and drug screening before beginning the internship. Therefore, it is the policy of the Egan School that all admitted students must satisfactorily complete a criminal background check and drug screens prior to participating in the internship component of the curriculum. These will be completed at the student's expense at a location designated by the University. Fairfield University and the Egan School have no obligation to refund tuition or otherwise accommodate students in the event that a criminal, drug, or immunization history that renders the student ineligible to complete required courses or field placement(s).

## Seamless Progression to Graduate Study Master of Public Administration (MPA)

Graduates of the Bachelor of Science in Public Health are provided with the opportunity for advanced placement in the Health Track of Fairfield's Master of Public Administration (MPA) program (<http://catalog.fairfield.edu/graduate/arts-sciences/programs/mpa-public-administration/>). In as little as sixteen months, students can complete an MPA degree program designed to examine pressing social, ethical, and professional health issues, while developing strong leadership abilities for career advancement. Pursuing advanced coursework in administration and management, students will learn theory, research, and application for future roles in local, state, and federal healthcare organizations. Students are also able to work with dedicated faculty from across the University with a wide range of healthcare backgrounds to tailor their curriculum to their personal, professional, and academic goals.

## Requirements

The major in Public Health includes required courses in epidemiology and public health, environmental studies, communication, applied ethics, biostatistics, management, and community mental health. These are complemented by related electives and foundational courses in biology and chemistry. In addition, the major requires a six credit public health field internship that may be done locally, elsewhere in the U.S., or in the setting of a developing country.

For a major in Public Health, students will complete the following:

Code	Title	Credits
AETH 2285	Ethics of Health Care	3
BIOL 1076	Environmental Science	3

BIOL 1107	Human Anatomy and Physiology I <sup>1</sup>	4
or BIOL 1171	General Biology I	
BIOL 1107L	Human Anatomy and Physiology I Lab <sup>1</sup>	0
or BIOL 1171L	General Biology I Lab	
BIOL 1108	Human Anatomy and Physiology II <sup>1</sup>	4
or BIOL 1172	General Biology II	
BIOL 1108L	Human Anatomy and Physiology II Lab <sup>1</sup>	0
or BIOL 1172L	General Biology II Lab	
CHEM 1184	General Chemistry for Health Science	3
HLST 3201	Health Communication for Healthcare Professionals	3
MATH 1017	Elementary Probability and Statistics	3
NURS 1112	Healthcare Delivery Systems	3
NURS 3310	Foundations of Research for Evidence Based Practice	3
PSYC 2370	Community Mental Health	3
PUBH 1101	Public Health and Social Justice	3
PUBH 2201	Public Health, Disease, and Injury	3
PUBH 2216	Introductory Principles of Epidemiology	3
PUBH 2217	Biostatistics for Health Research	3
PUBH 3303	Public Health Program Planning and Evaluation	3
PUBH 3980	Public Health Internship	4
PUBH 4301	Leadership for Interdisciplinary Health Professionals	3
PUBH 4305	Public Health Seminar	3
PUBH 4999	Public Health Capstone	3
Select three Public Health electives from the list below		9
Total Credits		69

<sup>1</sup> Students will complete one biology sequence from the following:

- BIOL 1107 and BIOL 1108
- BIOL 1171 and BIOL 1172

## Public Health Electives

Code	Title	Credits
ANTH 1510	Anthropology of Food	3
ANTH 3700	Grant Writing for the Social Sciences	3
ANTH 3710	Theory and Practice in Anthropology	3
BIOL 1073	Contemporary Nutrition: Food for Thought	3
BIOL 2251	Human Nutrition	3
BIOL 3372	Environmental Toxicology	4
COMM 2242	Alcohol, Addiction, and Culture	3
COMM 3248	Health Communication	3
COMM 3322	Leadership Communication	3
COMM 3325	Organizational Communication and Advertising	3
COMM 3336	Media Infrastructures	3
COMM 3347	Communication in Healthcare Organizations	3
COMM 3348	Health Risk Communication	3
ECON 2140	Health Economics	3
ECON 3278	Economic Statistics	3

ECON 4380	Econometrics	3
ENGL 3035	Contemporary American Literature and Culture	3
HIST 2270	History of Global Humanitarian Action	3
HIST 3383	Food, Consumption, and Commodities in Latin America, 1500 to the Present: From Chocolate to Cocaine	3
HLST 1101	Introduction to Health Studies	3
INST 2150	International Operations of Non-Profits	3
INST 2481	International Human Rights	3
PSYC 1010	General Psychology	3
PSYC 1310	Abnormal Psychology for Non-Majors	3
PSYC 2210	Social Psychology	3
PSYC 2230	Theories of Personality	3
PSYC 2740	Drugs and Behavior	3
PUBH 2240	Introduction to Global Public Health	3
PUBH 2250	Community Nutrition	3
RLST 2552	Contemporary Moral Problems	3
SOCI 3600	Methods of Research Design	4
SOCI 3610	Statistics: Social and Political Data Analysis	4

## Plan of Study

The plan of study below presents a typical four year schedule of courses in the program.

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum, which is woven into this plan. Please refer to the Curricula section of this undergraduate catalog for detailed explanation of the Magis Core (p. 28).

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL 1107	Human Anatomy and Physiology I <sup>1</sup>	4
or BIOL 1171	or General Biology I	
ENGL 1001	Introduction to Rhetoric and Composition	3
HIST or PHIL or RLST	Orientation Tier	3
Language Orientation Tier		3
MATH 1016	Concepts of Calculus	3
Credits		16
<b>Spring</b>		
BIOL 1108	Human Anatomy and Physiology II <sup>1</sup>	4
or BIOL 1172	or General Biology II	
Free Elective <sup>2</sup>		3
Literature Exploration Tier		3
MATH 1017	Elementary Probability and Statistics	3
PUBH 1101	Public Health and Social Justice	3
Credits		16
<b>Second Year</b>		
<b>Fall</b>		
CHEM 1184	General Chemistry for Health Science	4
& 1184L	and General Chemistry for Health Science Lab	

HIST or PHIL or RLST Orientation Tier	3
NURS 1112 Healthcare Delivery Systems	3
PUBH 2201 Public Health, Disease, and Injury	3
PUBH 2216 Introductory Principles of Epidemiology	3
Credits	16

**Spring**

Behavioral and Social Science Exploration Tier	3
HIST or PHIL or RLST Orientation Tier	3
NURS 3310 Foundations of Research for Evidence Based Practice	3
PSYC 2370 Community Mental Health	3
PUBH 2217 Biostatistics for Health Research	3
Credits	15

**Third Year****Fall**

AETH 2285 Ethics of Health Care	3
BIOL 1076 Environmental Science	3
HLST 3201 Health Communication for Healthcare Professionals	3
PUBH 3303 Public Health Program Planning and Evaluation	3
Visual and Performing Arts Exploration Tier	3
Credits	15

**Spring**

Free Elective <sup>2</sup>	3
Free Elective	3
Free Elective	3
Free Elective	3
HIST or PHIL or RLST Exploration Tier	3
Credits	15

**Fourth Year****Fall**

Free Elective <sup>2</sup>	3
Free Elective	3
Free Elective	3
HIST or PHIL or RLST Exploration Tier	3
PUBH 4305 Public Health Seminar	3
Credits	15

**Spring**

Free Elective <sup>2</sup>	3
PUBH 4301 Leadership for Interdisciplinary Health Professionals	3
PUBH 4999 Public Health Capstone	3
PUBH 3980 Public Health Internship	4
Credits	13
Total Credits	121

<sup>1</sup> Students will complete one biology sequence from the following:

- BIOL 1107 and BIOL 1108
- BIOL 1171 and BIOL 1172

<sup>2</sup> At least three electives must be Public Health Electives.

## Public Health Minor

For an 15-credit minor in Public Health, students complete the following:

Code	Title	Credits
PUBH 1101	Public Health and Social Justice	3
PUBH 2216	Introductory Principles of Epidemiology	3

**Context Courses**

Choose two courses from the following: 6

BIOL 1076	Environmental Science
NURS 1112	Healthcare Delivery Systems
PSYC 2370	Community Mental Health
PUBH 2201	Public Health, Disease, and Injury
PUBH 2250	Community Nutrition

**Skills and Methods Courses**

Choose one course from the following: 3

HLST 3201	Health Communication for Healthcare Professionals
NURS 4330	Population Health (for Nursing majors only)
PUBH 2217	Biostatistics for Health Research

Total Credits 15

## Social Work

The Marion Peckham Egan School of Nursing and Health Studies offers a major in social work. The Bachelor of Social Work (BSW) program at Fairfield University prepares graduates for beginning practice with individuals, families, groups, organizations and communities. The BSW curriculum is conceptualized within a generalist framework incorporating a solid foundation of coursework in social work knowledge, values and skills, interdisciplinary and interprofessional cooperation, social justice activism, research, and policy practice.

## Outcomes

### BSW Program Outcomes

The curriculum and learning goals reflect the competencies necessary for beginning social work practice and the accreditation requirements of the Council on Social Work Education (CSWE).

Upon completion of the BSW Program, graduates will be:

- Competent in the methods and skills of engagement, assessment, and intervention with individuals, families, groups, communities and organizations.
- Competent in analyzing, developing and advocating for policies that serve the needs of a diverse society and vulnerable populations.
- Ready to engage in interdisciplinary collaboration, with professional and community partners.
- Competent in, and committed to undertaking social work research.
- Men and women for others, recognizing social inequities and intervening as leaders for social change.

## Programs

- Social Work Major (p. 345)



## Courses

### SWRK 1101 Social Work Essentials I

1 Credit

This course will be designed as six modules covered over two semesters:

1) What it means to be a social worker and the self-reflection and relational skills required, 2) professional ethics and boundaries in social work practice, 3) an overview of the social work program at Fairfield University (guidelines and expectations), 4) the role of community-engaged learning in preparing social workers, 5) what it means to be a helper (engaging diversity and difference in practice), and 6) exploring career pathways in social work (job market, graduate school). Asynchronous and synchronous activities will guide student access, engagement, processing, and reflection.

### SWRK 1102 Social Work Essentials II

1 Credit

This course will be designed as six modules covered over two semesters:

1) What it means to be a social worker and the self-reflection and relational skills required, 2) professional ethics and boundaries in social work practice, 3) an overview of the social work program at Fairfield University (guidelines and expectations), 4) the role of community-engaged learning in preparing social workers, 5) what it means to be a helper (engaging diversity and difference in practice), and 6) exploring career pathways in social work (job market, graduate school). Asynchronous and synchronous activities will guide student access, engagement, processing, and reflection.

### SWRK 2400 Social Work: An Introduction

3 Credits

**Attributes:** HSSS Health Studies: Social Science

**Prerequisite:** Sophomore standing.

This course provides an overview of the social work profession, including the knowledge, values and skills that provide the foundation for generalist social work practice. Students are introduced to the systems and ecological framework through which social workers view the complex nature of human and social problems. There is a focus on fields of practice, methods and models of intervention, and the historical mission of the profession to advance human rights, social justice and to provide services to vulnerable and oppressed populations. Crosslisted with SOCI 2400. Previously SK 0192.

### SWRK 2410 History of Social Welfare

3 Credits

**Attributes:** ASSO American Studies: Sociology, HSSS Health Studies: Social Science, PJST Peace and Justice Studies

**Prerequisite:** Sophomore standing.

This course explores the evolution of social welfare in the United States. Emphasis will be placed on the social, political, legal, economic, and philosophical forces that have forged American social welfare policy and helped shape the profession of social work. Exploration of historical events, as well as divisions in American Society, regarding social justice and issues of class, race, ethnicity, religion, and gender will provide a framework through which to view current controversies, including the economic and social climate for groups such as the working poor and undocumented immigrants. In addition, the course will provide historical context to contemporary issues by exploring the ongoing implications and ethical merit of social policies such as the Personal Responsibility and Work Opportunity Reconciliation Act of 1996, the Mental Health Parity and Addiction Equity Act of 2008, the Patient Protection and Affordable Care Act of 2010, the Deferred Action for Childhood Arrivals Policy (DACA), and the current separation of parents and children at the United States southern border. Crosslisted with SOCI 2410. Previously SK 0193.

### SWRK 3301 Human Behavior in the Social Environment I

3 Credits

**Corequisite:** SWRK 3303.

**Prerequisite:** SWRK 2400.

The purpose of this course is to engage students in an exploration of human behavior and the impact of the environment on individuals as they develop through the lifespan. It examines the biopsychosocial and spiritual aspects of human development with a further emphasis on how factors such as poverty, discrimination, racism, culture, gender, health status, and sexual orientation, affect the developmental process. Exploration of research, case examples and self-reflection, will deepen students ability to conceptualize the processes of assessment, intervention, and the person-in-environment perspective across systems with diverse populations. This course, the first in sequence, will cover human reproduction through adolescence. Previously SK 0301.

### SWRK 3302 Human Behavior in the Social Environment II

3 Credits

**Corequisite:** SWRK 3304.

**Prerequisite:** SWRK 2410.

The purpose of this course is to engage students in an exploration of human behavior and the impact of the environment on individuals as they develop through the lifespan. It examines the biopsychosocial and spiritual aspects of human development with a further emphasis on how factors such as poverty, discrimination, racism, culture, gender, health status, and sexual orientation, affect the developmental process. Exploration of research, case examples and self-reflection, will deepen students ability to conceptualize the processes of assessment, intervention, and the person-in-environment perspective across systems with diverse populations. This course, the second in sequence, will cover young adulthood through end-of-life issues. Previously SK 0302.

### SWRK 3303 Social Policy and Social Justice

4 Credits

The course will explore policy within the context of social, economic, and environmental justice issues including oppression, poverty, income inequality, food insecurity, immigration, healthcare disparity, pollution, criminal justice, and other issues that affect individual and social well-being. The impact of social policies and social programs on vulnerable populations will also be explored. Students will understand and identify with the role of social workers as agents of change in developing and advocating for social policies that meet the needs of clients. This course will include service learning in a community setting and will culminate in a project that will evaluate policy issues that arise throughout the semester. Previously SK 0303.

### SWRK 3304 Research in Social Work Practice

4 Credits

Scientific inquiry which tests theory and supports the evidence base of social work intervention is a critical component of social work education. The research course introduces students to all aspects of the research process, including forming hypotheses, framing research questions, conceptualizing and conducting a literature review, identifying variables, quantitative and qualitative measurement, sampling, data collection, coding, data analysis, and communication of results. Students will also learn to include and be sensitive to ethical guidelines in social work research and the importance of a culturally competent approach to research. This course will include service learning, and culminates with a research project that poses questions for scientific inquiry in relation to the service learning experience. Previously SK 0304.

**SWRK 3311 Leadership for Interdisciplinary Health Professionals****3 Credits**

This course is designed to expose students in the fields of public health and social work to conceptual frameworks through which to view leadership. Students will explore the key values and personal attributes that guide the leadership process. Students will engage in dynamic exercises and collaborative work to better understand leadership principles and work to apply these concepts to communities in their fields of study. The students will have the opportunity to reflect on leadership qualities relevant to their profession as well as personal leadership qualities that guide the relationship with vulnerable populations. Previously SK 0311.

**SWRK 4305 Generalist Social Work Practice I****3 Credits**

This is the first of two courses in the generalist practice and methods curriculum. This course immerses students in the fundamental values, ethics, skills, and knowledge that are the foundation of generalist social work practice. The course will cover the NASW Code of Ethics and Standards with a strong focus on cultural competence and a strengths-based approach to practice with individuals and families. Students will be encouraged to explore the profession while developing direct practice skills, such as developing the helping relationship, assessment, conceptualizing problems, assessing strengths, using research to inform practice, setting goals and contracting, choosing and evaluating intervention strategies, and evaluating practice. Students are expected to apply knowledge of human behavior, social policy, research, and practice with diverse and vulnerable populations into the practice situation. Previously SK 0305.

**SWRK 4306 Generalist Social Work Practice II****3 Credits****Prerequisite:** SWRK 4305.

This is the second of two courses in the generalist practice and methods curriculum. This course further immerses students in the fundamental values, ethics, skills, and knowledge that are the foundation of generalist social work practice. There will be a focus on increasing students understanding of the helping process and the development of generalist practice knowledge and skills. There will be emphasis on the importance of applying theoretical and empirical knowledge when choosing intervention strategies. Students will continue to engage in an ongoing and reflective process of exploring and evaluating their own practice and will also reflect on their 'use of self' with clients and in the supervisory process. It is expected that students will integrate prior learning from previous courses and in current fieldwork concerning human behavior, social policy, research, service delivery, and practice with diverse and vulnerable populations across systems with specific focus on group work and community practice. Previously SK 0306.

**SWRK 4307 Integrative Field Practicum Seminar I****2 Credits**

The course is the first of two field seminar courses and is taken in conjunction with Field Practicum I. The purpose of this course is to acclimate students to field work and to prepare them for social work practice with diverse and vulnerable populations. The course will focus on the knowledge, values, and skills required to identify as a professional social worker and to practice in the field with competence, including the professional use of self, the application of social work values and ethics in social work practice, the use of communication skills, engaging in the supervisory process, social worker roles in community practice, understanding the organizational context of practice, exploring research to inform evidence-based practice, understanding and protecting clients confidentiality, and the Health Insurance Portability and Accountability Act of 1996. The seminar is designed to support students learning and integration of knowledge as they build practice skills. Students are supported through the use of small group process oriented interactions, self-reflection, role-play, case discussion, and experiential exercises. Students are also encouraged to share questions, concerns, and learning needs in regards to their field experience. Previously SK 0307.

**SWRK 4308 Integrative Field Practicum Seminar II****2 Credits****Prerequisite:** SWRK 4307.

This second seminar course is process-oriented and is designed to provide students the opportunity to discuss, analyze, and integrate theory within their field and coursework learning while demonstrating their ability to apply multiple sources of knowledge and skills to generalist social work practice. The seminar provides the opportunity for further learning and consolidation of knowledge and skills, through self-reflection, case discussion, process recordings, presentations, experiential exercises, and a comprehensive case study paper. Previously SK 0308.

**SWRK 4951 Field Practicum I****4 Credits**

As the 'signature pedagogy' in the education of professional social workers, field learning is integral to the program and needs to instill in students the ability 'to think, to perform, and to act with integrity' (Shulman). The Field Practicum is designed to provide students with a generalist perspective for social work practice, through supervised experience with individuals, families, groups, organizations, and communities. Provided in collaboration with human and social service agencies, the field practicum will prepare students for professional practice in social work. Previously SK 0309.

**SWRK 4952 Field Practicum II****4 Credits**

As the 'signature pedagogy' in the education of professional social workers, field learning is integral to the program and needs to instill in students the ability 'to think, to perform, and to act with integrity' (Shulman). The Field Practicum is designed to provide students with a generalist perspective for social work practice, through supervised experience with individuals, families, groups, organizations, and communities. Provided in collaboration with human and social service agencies, the field practicum will prepare students for professional practice in social work. Previously SK 0310.

**Faculty****Assistant Professors**

Eaves Simpson

**Assistant Professors of the Practice**Oliver, *Director*

## Instructors

Neitlich (Visiting)

## Social Work Major

BSW students must complete the core curriculum that is required of all Fairfield undergraduates, with specific courses required to meet major and core curricular requirements.

In order to complete the BSW degree, students will earn 122 credits. Coursework in the major begins with two introductory courses in the sophomore year, followed by a structured program, including 13 required courses (41 credit hours) in social work. Beginning in fall of the senior year, students will complete 450 hours over two semesters of supervised field education in a variety of social service agencies and community outreach settings.

In order to remain in the social work program, students must have:

- Cumulative Overall GPA of 2.50 and 2.75 in the social work major by the start of junior year.
- Average of 3.00 or higher in all social work practice courses.
- A passing grade in the first semester fieldwork practicum.

All students must earn the minimum grade of C+ (77) in all social work courses and a B (83) in social work practice courses to progress to the next semester and continue in the program. Students who do not obtain the minimum grade in a course may repeat the course once. A grade of less than C+ in two social work courses (including a repeated course) will result in dismissal from the Egan School BSW Program.

## Progression and Admission to the Field Practicum

The BSW program has specific criteria for admission to field education. Students must have senior status, be in good academic standing with a minimum overall GPA of 2.5 and 2.75 in the social work major, and will need to maintain a minimum grade of B in all social work practice courses. Corequisites for entering the field are registration in:

Code	Title	Credits
SWRK 4305	Generalist Social Work Practice I	3
SWRK 4306	Generalist Social Work Practice II	3
SWRK 4307	Integrative Field Practicum Seminar I	2
SWRK 4308	Integrative Field Practicum Seminar II	2
SWRK 4951	Field Practicum I	4
SWRK 4952	Field Practicum II	4

Field placements are arranged with the director of field education, in collaboration with the program director, faculty advisor, the agency and the student. The placement is developed to provide generalist experiences in accordance with students' educational needs, practice preferences, and field site availability. Students are not guaranteed requests for specific field placements.

## Required Abilities and Attributes for Social Work Students

All undergraduate social work students in the Egan School at Fairfield University are expected to exhibit the following abilities and attributes in order to progress in the program. The faculty responsible for evaluating

student's competence in the classroom and field practicum will evaluate these essential qualities. The inability to consistently demonstrate these attributes and abilities can lead to a student's removal from the program.

### Sensory Abilities

Ability to observe, identify, and obtain information in order to assess, plan, provide, and evaluate social work situations and interventions; student must possess adequate sensory abilities or be able to demonstrate appropriate and safe compensation for deficits.

### Motor Skills and Mobility

Sufficient mobility, including the gross and fine motors skills needed to function in professional social work environments.

### Emotional Stability

Emotional stability sufficient to function within rapidly changing and often stressful professional environments; the ability to monitor and identify one's own and others' emotions and use the information to guide thinking and actions.

### Physical Health and Abilities

Physical health and stamina sufficient to function in social work environments. Sufficient energy and ability to manage social work responsibilities in a variety of settings for a full internship day. Physical health necessary to interact with those who may be immunocompromised, incapacitated, and/or otherwise vulnerable populations.

### Critical Thinking

Critical thinking ability in order to make sound professional judgments; student must be able to examine, interpret, analyze, and synthesize material for problem solving and evaluation of professional situations and to evaluate their own practice.

### Interpersonal and Communication

Interpersonal and communications skills appropriate for interacting sensitively with individuals, families, groups, communities and organizations from a variety of professional, social, cultural, and intellectual backgrounds. The ability to accurately and clearly communicate information for clients and other professionals orally as well as in writing.

### Self-Awareness

Social work students need to have the ability to self-reflect and awareness of how their own values, attitudes, beliefs, emotions, and experiences affect their feelings, thoughts, behavior, and relationships with others. Students must be able to understand and change their behavior when it interferes with their work with clients or other professionals.

### Empathy

Social work students must have the capacity for empathy. Students must be able to respond to clients in an empathic manner and communicate an understanding of each individual's unique feelings, thoughts, and experience.

### Objectivity

Social work students need to be objective in consistently evaluating clients in their unique situation.

## Value Diversity

Social work students need to appreciate and value human diversity. They must respectfully and appropriately assist all persons in need, regardless of age, class, race, ethnicity, religion, gender, sexual orientation, or disability.

## Self-Care

Social work students need to have skills to cope with stressful situations. They should also know when to ask for help in managing stress and have a care plan that includes support.

## Professional Behavior

Social work students must behave professionally by knowing and practicing within the scope of social work, adhering to the NASW Code of Ethics (<https://www.socialworkers.org/about/ethics/code-of-ethics/code-of-ethics-english/>), respecting others, being punctual and dependable, prioritizing responsibilities, and completing assignments on time.

## Health and Professional Requirements

Field agencies may require documentation of various professional and health information. As such, social work students must have a physical examination and non-reactive TB skin test or a negative QuantiFERON Gold Blood Test (If positive, proof of a clear chest x-ray must be provided). Proof of immunization or immunity must be provided for the following: hepatitis, Marcella, measles, mumps, rubella, flu, and diphtheria-tetanus. History of disease is not acceptable as proof of immunity; laboratory results of blood titers must be provided. CastleBranch.com is the immunization tracking system used by Fairfield University social work students to house their health information. Students are responsible for uploading information and keeping all required information updated. Students unable to comply with field placement requirements will be dismissed from the program. All costs associated with these requirements are the responsibility of the student.

### Student Background Checks and Drug Testing

The undergraduate social work program at Fairfield University requires the successful completion of the internship component of the curriculum. Some internship sites may require students to complete a criminal background check and drug screening before beginning the internship. Therefore, it is the policy of the Egan School that all admitted students must satisfactorily complete a criminal background check and drug screens prior to participating in the internship component of the curriculum. These will be completed at the student's expense at a location designated by the University. Fairfield University and the Egan School have no obligation to refund tuition or otherwise accommodate students in the event that a criminal, drug, or immunization history that renders the student ineligible to complete required course or field placement(s).

## Progression to Graduate Study

### Advanced Standing Option

The BSW Program offers a 5-year BSW/MSW program option that allows students to complete both degrees in 5 years. The MSW program is housed in the Fairfield University Graduate School of Education and Allied Professions. Students will have the option of receiving the BSW degree without progressing into the MSW program. There is no guarantee of entrance into the Fairfield University MSW Program. Graduates of a Council on Social Work Education (CSWE) accredited undergraduate social work program within the past six years may apply for admission

into the specialized practice year (2nd year) of the two-year program. Students who enter with advanced standing will complete 45 credits to receive the MSW Clinical Specialist rather than the 60-hour 2-year program. The period of study for this option is three terms: summer, fall, and spring, including 900 hours of field instruction. Students are enrolled on a full-time basis and move through the program as a cohort. The BSW degree must be conferred prior to the beginning of the Advanced Standing summer session. Applicants for advanced standing will apply during their senior year.

## Requirements

Code	Title	Credits
AETH 2285	Ethics of Health Care	3
HIST 2242	Immigration, Race, and Ethnicity in U.S. History	3
HLST 3201	Health Communication for Healthcare Professionals	3
NURS 1112	Healthcare Delivery Systems	3
PSYC 1010	General Psychology	3
PUBH 1101	Public Health and Social Justice	3
SWRK 2400	Social Work: An Introduction	3
SWRK 2410	History of Social Welfare	3
SWRK 3301	Human Behavior in the Social Environment I	3
SWRK 3302	Human Behavior in the Social Environment II	3
SWRK 3303	Social Policy and Social Justice	4
SWRK 3304	Research in Social Work Practice	4
SWRK 3311	Leadership for Interdisciplinary Health Professionals	3
SWRK 4305	Generalist Social Work Practice I	3
SWRK 4306	Generalist Social Work Practice II	3
SWRK 4307	Integrative Field Practicum Seminar I	2
SWRK 4308	Integrative Field Practicum Seminar II	2
SWRK 4951	Field Practicum I	4
SWRK 4952	Field Practicum II	4
Total Credits		59

## Plan of Study

The plan of study below presents a typical four year schedule of courses in the program.

Beginning with the Class of 2023, all undergraduate students will be required to complete the Magis Core Curriculum, which is woven into this plan. Please refer to the Curricula section of this undergraduate catalog for detailed explanation of the Magis Core (p. 28).

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL 1001	Introduction to Rhetoric and Composition	3
	History Orientation Tier	3
MATH 1016	Concepts of Calculus	3
	Modern/Classical Language Orientation Tier	3

Philosophy Orientation Tier	3
Credits	15
<b>Spring</b>	
Literature Exploration Tier	3
MATH 1017 Elementary Probability and Statistics	3
PSYC 1010 General Psychology	3
Religious Studies Orientation Tier	3
Free Elective	3
Credits	15
<b>Second Year</b>	
<b>Fall</b>	
HIST 2242 Immigration, Race, and Ethnicity in U.S. History	3
Natural Sciences Exploration Tier	3
NURS 1112 Healthcare Delivery Systems	3
SWRK 2400 Social Work: An Introduction	3
Visual and Performing Arts Exploration Tier	3
Credits	15
<b>Spring</b>	
Select one of the following:	3
ANTH 1100 Introduction to Four-Field Anthropology	
ANTH 1110 Cultural Anthropology	
ANTH 1125 Sex, Gender, and Sexual Orientation	
ANTH 1500 Anthropology of Happiness	
BIOL 1018 Human Biology: Form and Function	3
Select one of the following:	3
HLST 3201 Health Communication for Healthcare Professionals	
COMM 3248 Health Communication	
HIST or PHIL or RLST Exploration Tier	3
SWRK 2410 History of Social Welfare	3
Credits	15
<b>Third Year</b>	
<b>Fall</b>	
AETH 2285 Ethics of Health Care	3
HIST or PHIL or RLST Exploration Tier	3
SWRK 3301 Human Behavior in the Social Environment I	3
SWRK 3303 Social Policy and Social Justice	4
Free Elective	3
Credits	16
<b>Spring</b>	
SWRK 3302 Human Behavior in the Social Environment II	3
SWRK 3304 Research in Social Work Practice	4
SWRK 3311 Leadership for Interdisciplinary Health Professionals	3
Select one of the following:	3
SOCI 1110 American Society	
SOCI 1135 Race, Gender, and Ethnic Relations	
SOCI 2100 American Class Structure	
Free Elective	3
Credits	16

**Fourth Year****Fall**

SWRK 4305	Generalist Social Work Practice I	3
SWRK 4307	Integrative Field Practicum Seminar I	2
SWRK 4951	Field Practicum I	4
Free Elective		3
Free Elective		3
Credits		15

**Spring**

PUBH 1101	Public Health and Social Justice	3
SWRK 4306	Generalist Social Work Practice II	3
SWRK 4308	Integrative Field Practicum Seminar II	2
SWRK 4952	Field Practicum II	4
Free Elective		3
Credits		15
Total Credits		122

## School Directory

### Administration

**Meredith Kazer, PhD, APRN, FAAN**  
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Associate Dean for Undergraduate Studies

**Suzanne Chaplik, PhD, RN**  
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**Karen Corcoran, DNP, APRN, PMHNP-BC**  
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Family Nurse Practitioner

**Kimberly Doughty, MPH, PhD, CHES®**  
Public Health

**Sally Gerard, DNP, RN, CDE, CNL**  
Nursing Leadership  
Healthcare Administration

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