

2018-2020 UNDERGRADUATE CATALOG

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Produced: July 12, 2018



PROVIDENCE
COLLEGE

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The *Providence College Undergraduate Catalog* is a document of record issued in the summer of 2018 for a two-year period of time. The catalog contains useful information about the College, including admission, enrollment, the academic calendar, degree requirements, course offerings, and academic policies and procedures. The catalog is available in an online version (<http://catalog.providence.edu>) that is updated on a scheduled basis. The catalog is not intended to be and should not be relied upon as a statement of the College's contractual commitments between the College and its students. The College reserves the right in its sole discretion to make changes of any nature to this catalog, including but not limited to the policies, procedures, programs of instruction, academic calendar and schedule, fees, and personnel. The College reserves the right in its sole discretion to reschedule classes with or without extending the academic term, cancel scheduled courses and other academic activities, and require or afford alternatives for scheduled courses or other academic activities, with notice of such action provided as is reasonably practicable under the circumstances.

To personalize your experience, utilize My Bookmarks as you browse through the online catalog. This feature allows you to save a list of courses, programs, and information that you want to save for future visits to the online catalog.

Publication date: July 2018

Need assistance? Please contact Alyssa Marton at aneubeck@providence.edu or 401.865.1765.

Our Mission

Mission Statement

Providence College is a Catholic, Dominican, liberal arts institution of higher education and a community committed to academic excellence in pursuit of the truth, growth in virtue, and service of God and neighbor.

History

Providence College was founded in 1917 by the Dominican Friars at the invitation of Bishop Harkins to provide a Catholic education in the arts and sciences.

Faith and Reason

Providence College is confident in the appeal of reason, believes that human beings are disposed to know the truth, and trusts in the power of grace to enlighten minds, open hearts, and transform lives. Providence College maintains that the pursuit of truth has intrinsic value, that faith and reason are compatible and complementary means to its discovery, and that the search for truth is the basis for dialogue with others and critical engagement with the world.

Academic Excellence

Providence College is committed to academic excellence, and holds itself to the highest standards in teaching, learning, and scholarship. Its core curriculum addresses key questions of human existence, including life's meaning and purpose, and stresses the importance of moral and ethical reasoning, aesthetic appreciation, and understanding the natural world, other cultures, and diverse traditions. Providence College honors academic freedom, promotes critical thinking and engaged learning, and encourages a pedagogy of disputed questions.

Community and Diversity

Providence College seeks to reflect the rich diversity of the human family. Following the example of St. Dominic, who extended a loving embrace to all, it welcomes qualified men and women of every background and affirms the God-given dignity, freedom, and equality of each person. Providence College promotes the common good, the human flourishing of each member of the campus community, and service of neighbors near and far.

Veritas and Providence

Providence College brings the eight-hundred-year-old Dominican ideal of *veritas* to the issues and challenges of today. It seeks to share the fruits of contemplation in an increasingly global and diverse society, and to praise and bless all that is good and vital in human endeavors. Providence College supports the Dominican mission of preaching the gospel of Jesus Christ to a new generation of students and helping them discover God's providence in their lives.

A Message from the President

Before it was a place name, *providence* was a theological term denoting God's loving plan to bring each created being into fulfillment. Thus the name Providence College does not merely reflect the location of the school, but rather its deepest mission: to help our students know and embrace their role in God's loving plan and to pursue it with excellence.

At Providence College, we prepare you to make the best possible decisions for fulfilling your role within God's plan. As a Catholic college rooted in the rich, 800-year-old intellectual tradition of the Dominican Order, we teach you to love and live the truth—*Veritas*. We challenge you to ask tough questions, weigh competing arguments, integrate diverse perspectives, and contemplate the meaning of truth both within our classrooms and beyond our campus.

To enable you to do this, we provide a rigorous liberal arts education with a Core Curriculum in the arts and sciences, philosophy, and theology that includes a challenging sequence of courses called the Development of Western Civilization. In the tradition of St. Thomas Aquinas, we introduce you to faith and reason as compatible and complementary elements as we engage you in the lively intellectual debate we call *disputatio*—disputed questions.

Your education at Providence College addresses the whole person—mind and body, heart and soul. Transformed by wisdom and enabled by God's grace, we challenge you to live a life of virtue, purpose, and meaning that will transform society.

I invite you to trust in *providence* as you join us in the pursuit of wisdom and the contemplation of truth.

Academic Calendar

Please note: Courses in the School of Continuing Education (SCE) and the Graduate Programs may follow different schedules than those listed below. For more information, please refer to the current SCE or Graduate websites for details, or contact the Office of the Dean of Undergraduate and Graduate Studies at 401.865.2495.

Future calendars may be available online.

Academic Calendar 2018-2019

August

27 - All Undergraduate, Graduate, and SCE courses begin; SCE Term 1 courses begin

September

3 - Labor Day Holiday (Offices closed); All classes suspended

4 - All classes resume; Last day for online course schedule adjustments for undergraduates

5 - Administrative adjustment period begins for undergraduates

10 - Rosh Hashanah

11 - Last day for dropping courses without a "WD" grade; Last day for election of audit option; Last day for adding courses without charge

12 - Late adjustment period begins for undergraduates

19 - Yom Kippur

October

8 - Columbus Day Holiday (Offices closed); All classes suspended

9 - All classes resume (Monday class schedule to be followed for all courses)

15 - SCE Term 1 courses end

16-17 - SCE Term 1 final examinations

17 - Mid-semester date for undergraduate courses; Last day for submission of coursework to instructor for "I" and "NM" grades for Spring 2018 and Summer 2018

22 - SCE Term 2 courses begin

24 - Last day for submission of mid-semester grades

November

1 - Solemnity of All Saints

6 - Last day for election of Pass/Fail option (options for freshmen begin with the second semester)

9 - Course registration for Class of 2019 and December 2019 graduates

12 - Course registration for Class of 2020 and December 2020 graduates

14 - Course registration for Class of 2021 and December 2021 graduates

16 - Course registration for Class of 2022

17 - Weather cancellation make-up-day (if necessary)

21-25 - Thanksgiving Recess (Offices closed); All classes suspended

26 - All classes resume

30 - Last day to withdraw from courses with "WD" grade, with permission of the Dean of Undergraduate and Graduate Studies

December

2 - Hanukkah begins

7 - Undergraduate classes for fall semester end after last class

8 - Solemnity of the Immaculate Conception

8 - SCE and Graduate classes for fall semester end after last class

8-9 - Reading Days for undergraduates

10 - Fall semester examination period for DWC courses; Fall semester examination for Graduate and SCE courses

10 - Hanukkah ends

11 - Reading Day for undergraduates; Fall semester examination period for Graduate and SCE courses; SCE Term 2 courses end

12-13 - Fall semester examination period for Undergraduate, Graduate and SCE courses; SCE Term 2 final examinations

14 - Fall semester examination period for Undergraduates courses

15 - Fall semester examination period for Undergraduate, Graduate and SCE courses

25 - Christmas Day Holiday

January

1 - New Year's Day Holiday (Offices closed); Solemnity of Mary Mother of God

14 - All Undergraduate, Graduate, and SCE courses begin; SCE Term 3 courses begin

21 - Martin Luther King Jr. Holiday (Offices closed)

22 - All classes resume; Last day for online course schedule adjustments for undergraduates

23 - Administrative adjustment period begins for undergraduates

28 - Last day for dropping courses without a "WD" grade; Last day for election of audit option; Last day for adding courses without charge

29 - Late adjustment period begins for undergraduates

February

18 - President's Day Holiday (Offices closed); All classes suspended

19 - All classes resume (Monday class schedule to be followed for all courses)

27 - Mid-semester date for undergraduate courses; Last day for submission of coursework to instructor for "I" and "NM" grades for Fall 2018 and Winter 2019

March

5 - SCE Term 3 courses end

6 - Ash Wednesday

6 - Last day for submission of mid-semester grades

6-7 - SCE Term 3 final examinations

9-17 - Spring Recess (All classes suspended)

18 - All classes resume

18 - SCE Term 4 courses begin

19 - Last day for election of Pass/Fail option

April

5 - Course registration for Class of 2019 and December 2019 graduates

6 - Weather cancellation make-up-day (if necessary)

8 - Course registration for Class of 2020 and December 2020 graduates

10 - Course registration for Class of 2021 and December 2021 graduates

12 - Course registration for Class of 2022 and December 2022 graduates

13 - Admission Family Day

18 - Holy Thursday; Easter Recess (all classes suspended)

19 - Good Friday; Easter Recess (all classes suspended; offices closed)

- 19 - Passover begins
- 21 - Easter Sunday
- 22 - Easter recess (all classes suspended)
- 23 - All classes resume
- 24 - Monday class schedule to be followed for all courses
- 26 - Last day to withdraw from courses with "WD" grade, with permission of the Dean of Undergraduate and Graduate Studies
- 27 - Passover ends

May

- 3 - Undergraduate classes for spring semester end after last class
- 4 - SCE and Graduate classes for spring semester end after last class
- 4-5 - Reading Days for undergraduates
- 6 - Spring semester examination period for DWC courses; Spring semester examination for Graduate and SCE courses
- 7 - Reading Day for undergraduates; Spring semester examination period for Graduate and SCE courses; SCE Term 4 courses end
- 8-9 - Spring semester examination period for Undergraduate, Graduate and SCE courses; SCE Term 4 final examinations
- 10 - Spring semester examination period for Undergraduate courses
- 11 - Spring semester examination period for Undergraduate, Graduate and SCE courses
- 17 - ROTC Commissioning
- 18 - Academic Awards Ceremony; Commencement Mass; Parents' Reception
- 19 - Commencement Dunkin' Donuts Center 11:00 AM
- 27 - Memorial Day Holiday (Offices closed; All classes suspended)

Catholic and Dominican

Providence College is a Roman Catholic, four-year, liberal arts college and the only college or university in the United States founded by and conducted under the auspices of the Dominican Friars. Formally known as the Order of Preachers, the Dominicans were founded by the Spanish priest St. Dominic de Guzman in 1216.

The 13th century was a time of rapid social change and one in which people were beset with a welter of competing ideologies that vied for their loyalty. Amidst it all, people longed for the authentic Christian message. Unfortunately, the church was ill-equipped to provide what people needed. The clergy was often poorly educated, corruption was rife, and there seemed to be little authentic witness to the Gospel.

St. Dominic therefore gathered together men and women, Friars and nuns, and later sisters and laity, who would live the Gospel more authentically and preach its truth with both their words and their lives. From the beginning, he sent his Friars to the great universities of the time: Oxford, Paris, and Bologna. He wanted his Friars to be educated so that their preaching and teaching would be informed, able to answer the questions of the day, and meet people's longing for the Gospel. Ideally, his Friars were to be men of faith, prayer, and learning who could respond to the needs of their time without fear and confident that the human mind, a mere creature, could rightly, if imperfectly, understand its Creator.

Although Providence College is relatively young, having been founded in 1917, the values and goals embodied in its mission reach back 800 years. And while the 13th century may seem distant to us, it serves as a mirror of our own age: a time of rapid social change, competing ideologies, and amidst the confusion, a yearning for what is true, good, and holy.

A Catholic and Dominican College for our time

In some ways, the fact that Providence College is a Catholic and Dominican college is obvious. The Friars wear their habits when teaching or ministering, St. Dominic Chapel is located in the very center of campus, and crucifixes adorn the walls of classrooms and offices. Additionally, most students, faculty, and staff are Catholic; the 10:30 p.m. Mass on Sunday nights is often very crowded; and students are required to take classes in philosophy and theology.

Other aspects of the Catholic and Dominican identity are more subtle or even unexpected. Catholic teaching guides the investment of the endowment, the enforcement of parietals in the residence halls, and the generosity extended to students and employees in need. Hundreds of students volunteer through Campus Ministry every year, and at all hours someone can be found praying quietly in the chapel.

By charter, Providence College was the first college or university in Rhode Island to welcome students of every faith or none, and it has a long, close, and continuing relationship with Rhode Island's Jewish community.

Yet, in some ways, the Catholic and Dominican character of Providence College precisely as a college is most evident in its approach to faith and reason. For many people, faith and reason stand in opposition to one another; they are black and white, irreconcilable, and best kept apart. Not so for Dominicans. In the tradition of St. Thomas Aquinas, Dominicans assert that faith and reason are compatible, complementary, and point to a single truth.

There is no opposition between the theory of evolution and belief in divine providence, for example, because how God accomplishes His purposes is a distinct question from why, even as the answers to the two questions are intimately related. Science has every right to try and understand how the universe works-indeed, it is God's will that the human mind probe creation in order to understand it-and theology has every right to assert that everything that takes place is in service of a loving plan. What remains true is that it is God's creation. Moreover, while faith is a gift from God, reason supports faith. This means that faith in God is not merely the result of custom, feeling, and private choice but can be a thoughtful and reasonable response to the evidence at hand. Indeed, while intimate knowledge of God in himself-Father, Son, and Holy Spirit-requires revelation, knowledge that God exists can be arrived at by reason alone.

The implications of this assertion of the compatibility of faith and reason for education are profound. Questions, debates, and challenges are welcomed, as are people of hesitant faith, different faiths, or even no faith at all. Believers cannot take refuge in the assurances of faith but must learn to provide reasons for what they believe and, when it comes to the classroom, they must pursue biology, history, or accountancy with uncompromising rigor and integrity as a biologist, historian, or accountant.

At the same time, those of questioning or absent faith will be challenged by their studies in the Development of Western Civilization, philosophy, and theology. There they will have to contend with an understanding of God that is hardly the sop of comfort that Marx and Freud asserted, and will have to reconsider whether in fact faith in God is a more exacting stance than is non-belief.

It should be evident that Providence College aims at something ambitious and critically important. It attempts to provide an education for the whole person-body, mind, and soul-that bridges the common

divides between matter and spirit, God and creation, faith and reason. In doing so, it affirms the distinctively Catholic sense of sacrament and grace and, like the black and white of the Dominican habit, joins together apparent opposites in a greater unity. If successful, this means that everyone at Providence College will understand that they are made in the image and likeness of God; that their work, love, and play can be replete with God's grace; and that they have a unique role in God's loving plan, that is, in His providence.

College-Wide Policies

Providence College is committed to maintaining educational, working, and living environments in which all students, staff, and faculty are treated with dignity and respect, as created in the image and likeness of God. Discriminatory harassment based on a person's (or group's) race, color, national and ethnic origin, sex, gender, sexual orientation, gender identity, religion, disability, age, veteran status, or genetic information is prohibited. The College's anti-harassment policies apply to all students and employees (i.e., faculty staff, administration), and to all third parties (defined here as visitors, guests, contractors, vendors, and other third parties).

These Policies* include information about reporting options, confidentiality and privacy, definitions, the resolution process, and resources and are all available in the [Policy Manual](#).

*Anti-Harassment & Discrimination Policy, Sexual Misconduct or Relationship Violence Policy, and others.

Notice of Non-Discrimination

Providence College admits students of any race, color, national and ethnic origin, sex, gender, sexual orientation, gender identity, religion, disability, age, or veteran status, and without regard to genetic information, to all the rights, privileges, programs, and activities generally accorded or made available to students at the College. It does not discriminate on the basis of race, color, national and ethnic origin, sex, gender, sexual orientation, gender identity, religion, disability, age, veteran status, or genetic information, in the administration of its education policies, admission policies, scholarship and loan programs, athletic and other College-administered programs, and employment policies. In accordance with Title IX, it does not discriminate on the basis of sex in its education programs or activities. Nothing in this Notice shall require Providence College to act in a manner contrary to its Dominican mission and the teaching and tenets of the Catholic Church, and the College reserves to right to take actions designed to ensure and promote its Catholic and Dominican mission.

The College's Equal Opportunity/Affirmative Action Officer, and ADA/Section 504 Coordinator for employees is the Associate Vice President for Human Resources (Kathy Alvino, Harkins 302, 401.865.2430, kalvino@providence.edu). The Title IX Coordinator is the Assistant Vice President for Student Development and Compliance (Dr. James F. Campbell, Slavin 203, 401.865.2676, james.campbell@providence.edu); the Title IX Coordinator is assisted by deputy coordinators, including members of the faculty and the administration (<http://www.providence.edu/sexual-harassment>). Inquiries regarding ADA/Section 504 issues for students may be directed to the Office of Academic Services (Jennifer Rivera, Library 250, 401.865.1121, jrivera@providence.edu) and the Office of the Assistant Vice President for Student Development and Compliance (Dr. James F. Campbell, Slavin 203, 401.865.2676, james.campbell@providence.edu).

Accreditation Statement

Providence College is accredited by the Commission on Institutions of Higher Education of the New England Association of Schools and Colleges, Inc.

Accreditation of an institution of higher education by the Commission indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the Commission is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the accreditation status by the Commission should be directed to the administrative staff of the institution. Individuals may also contact:

Commission on Institutions of Higher Education
New England Association of Schools and Colleges
3 Burlington Woods Drive, Suite 100
Burlington, MA 01803-4514
781.425.7785 • E-mail: cihe@neasc.org

Schools and Divisions

Undergraduate Programs

Providence College is a primarily undergraduate, liberal arts, Catholic institution of higher education. Committed to fostering academic excellence through the sciences and humanities, the College provides a variety of opportunities for intellectual, social, moral, and spiritual growth in a supportive environment.

The College's academic organization centers around four schools: Arts & Sciences, Business, Professional Studies, and Continuing Education. The Schools of Arts & Sciences, Business, and Professional Studies, along with their associated academic departments and undergraduate programs, each have their own sections in this catalog.

School of Continuing Education

The Providence College School of Continuing Education (SCE) affords individuals the opportunity to pursue an undergraduate education on a part-time or full-time basis as a degree candidate enrolled in an associate, bachelor, or certificate program; as a non-degree candidate, taking courses to be applied to a degree candidacy at a later time; for personal enrichment; or as an auditor, attending solely for personal enjoyment. Classes are offered evenings, weekends, and online in accelerated and full-semester terms. Semester course listings and the *School of Continuing Education Catalog* are available on the SCE Web site, from the SCE office (Harkins Hall 109), or by calling 401.865.2487.

Summer School

The School of Continuing Education (SCE) offers a variety of summer options for current and visiting students, including one-week, five-week, and ten-week terms, with daytime, evening, and online courses. Undergraduate day school students who wish to enroll in SCE summer courses or summer courses offered at other accredited institutions, must meet with the appropriate dean in the Office of the Dean of Undergraduate and Graduate Studies for course approval. Information about the School of Continuing Education Summer School is available on the SCE Web page, from the SCE office (Harkins Hall 109), or by calling 401.865.2487.

Graduate Programs

Providence College's graduate programs develop scholars, teachers, and business leaders by providing opportunities for qualified persons to pursue advanced studies. Graduate programs lead to the degrees of master of arts in history; master of arts in biblical studies; master of arts in theology; master of theological studies; master of arts in teaching mathematics; master of business administration; and master of education in administration, counseling, literacy, special education, or urban teaching.

In 2001, the College inaugurated the Providence Alliance for Catholic Teachers (PACT) in partnership with the University of Notre Dame and Catholic dioceses in New England. This two-year program allows students to complete, at no cost, master's-level teacher-preparation courses leading to the master of education degree, while at the same time making a significant contribution as a full-time faculty member at an inner-city New England diocesan elementary school, middle school (grades 5-8), or high school.

The program is designed for graduates of both liberal arts and education programs. Liberal arts majors pursue master's degree studies leading to initial certification in secondary education in a specific content area. Education majors pursue master's degree studies leading to certification in special education or literacy.

The Campus and Facilities

The 105-acre campus of Providence College, situated in Rhode Island's capital city, is removed from the traffic and noise of the metropolitan area but remains close to the many cultural and educational offerings of Providence, a city that is enjoying a lively urban renaissance. The city is located only an hour's drive from Boston and just a few hours' drive from New York City. Interstate bus, train, and air transportation are conveniently available.

The Providence College campus provides a variety of living, learning, and recreational facilities in an environment that promotes students' academic and personal growth, as well as their safety and security. A campus shuttle bus provides transportation from campus to adjacent neighborhoods and locations in downtown Providence. Students may access the city of Providence and the entire state by utilizing the Rhode Island Public Transportation Authority (RIPTA) free of charge by showing their student identification card.

Academic Facilities

Classroom and laboratory facilities are found in Accinno Hall, Albertus Magnus Hall, the Ceramics Building, the Feinstein Academic Center, Guzman Hall, Harkins Hall (also the main administration building), Hickey Hall, Howley Hall, Hunt-Cavanagh Hall, Koffler Hall, Phillips Memorial Library, the

Ruane Center for the Humanities, the Ryan Center for Business Studies, St. Catherine of Siena Hall, Smith Center for the Arts, Sowa Hall, and Sullivan Hall.

Ryan Center for Business Studies

The Arthur F. and Patricia Ryan Center for Business Studies, opened in Spring 2017, is home to the Providence College School of Business and its four academic departments - accountancy, finance, management, and marketing. It also houses the Business Studies Program and the MBA Program.

The 64,000-square-foot structure features a two-story glass atrium, a 125-seat conference room, a finance learning laboratory with Bloomberg terminals to allow student investors to track the markets in real time, computer labs, and classrooms designed to encourage hands-on learning, mentoring, and innovation. The building also includes interview suites and a café.

The Ruane Center for the Humanities

The Ruane Center for the Humanities, opened in Fall 2013, is the College's signature academic building, symbolizing PC's commitment to the liberal arts, the humanities, and undergraduate education. It also embodies the essence of the core value of PC's Strategic Plan, which emphasizes the enhancement of academic excellence at the College. The 63,000 square foot building is located between the Albertus Magnus-Sowa-Hickey science complex and the Phillips Memorial Library, which connects to the Ruane Center by an enclosed walkway.

Key components in the design of the Ruane Center were the need for flexibility in the use of space, particularly instructional space, as well as technology designed to engage students. The Ruane Center includes 12 seminar-style classrooms to accommodate up to 18 students and four larger classrooms, primarily to support the Development of Western Civilization Program and its new colloquia, as well as the Liberal Arts Honors Program.

Other features in the building include the large Fiondella Great Room and adjacent terrace, which is used as an informal student and faculty gathering space and serves as a flexible presentation and event facility. The Ruane Center also includes group study spaces, a café, and an outdoor classroom. The building is home to the Departments of English and History, the Development of Western Civilization and Liberal Arts Honors Programs, and the School of Arts & Sciences.

Smith Center for the Arts

This 2 1/2-story building serves as the premier teaching and performance facility for undergraduates enrolled in performing arts courses or participating in extracurricular activities involving music, theatre, and dance. The primary performance venues are the 283-seat Angell Blackfriars Theatre and the 272-seat Ryan Concert Hall. Teaching spaces include a "black box" studio theatre, the Bowab Studio Theatre; the Higgins Clark Dance Studio; a 20-keyboard piano lab; a film-screening classroom; a music library; and choral and instrumental practice rooms. The building also contains the Reilly Art Gallery, as well as offices, conference rooms, and storage areas for the Department of Theatre, Dance, and Film and the Department of Music.

Technology Classrooms/Facilities

Nearly all of the College's general use classrooms are equipped with multimedia technologies. Our classrooms have the latest in audio, visual, computer, and Web connectivity to enhance the

instructional environment. Technology facilities are located in buildings across the campus. Accinno Hall houses four computer laboratories. Additional computer labs for PC faculty, staff, and students are found in Albertus Magnus Hall, Howley Hall, and the Ryan Center for Business Studies.

Technology Resources

Providence College is focused on providing anytime-anywhere access to information. With CyberFriar, the main Web interface with the College's administrative database, students can manage their personal and academic records from their desktops, laptops, or mobile devices. They can register for courses, view address and personal information, view mid-term and final grades, view all financial aid and billing information on their accounts, view and request academic transcripts, and monitor their progress toward completion of their degree requirements.

With Sakai, a learning management system used in nearly all undergraduate courses, students have another way to communicate with faculty members, participate in online discussion groups, check course syllabi, submit papers, and efficiently manage their class work.

Providence College's mobile app includes information on courses (login required), directory information, campus events, library resources, an interactive campus maps, athletics, dining, transportation, and laundry facilities, among others.

Athletics, Recreational & Leisure Facilities

Please see the [Student Life and Development](#) section of this catalog for information on athletics, facilities, intramurals, club, and recreational sports.

Recreational leisure facilities are found in Slavin Center, PC's student union, which houses McPhail's Entertainment Facility, Dunkin' Donuts, and the entrance to the Alumni Hall Food Court. Those facilities, plus various lounges and club offices, offer students places to relax between classes or to study with friends.

Campus Chapels

Providence College encourages the spiritual and intellectual growth of each student. St. Dominic Chapel, open 24 hours a day, and the Campus Ministry Center are the center of spiritual life on campus. Additional places of prayer are the Chapel of Our Lady of the Rosary in the St. Thomas Aquinas Priory-Graghani Dominican Center, the principal Dominican residence on campus, and the oratories in Harkins and Siena halls.

Center for Catholic and Dominican Studies

The Center for Catholic and Dominican Studies is located in the former Aquinas Chapel. Administratively, the center is part of the Office of Mission and Ministry and, in collaboration with the Office of the Chaplain/Campus Ministry, it assists in coordinating the collegewide process of maintaining, enhancing, and promoting the distinctive mission of Providence College as a Catholic and Dominican college.

Believing that we are called to be transformed so that we may transform society, the center serves as a place of intellectual exploration and dialogue where students, faculty, staff, administration, and alumni can gather for study, discussion, reflection, and service.

Through a variety of events and educational opportunities for the College community, the center strives to share the richness and diversity of the Catholic and Dominican intellectual and spiritual traditions, which offer crucial perspectives for today's challenges and concerns and invite us together to partake of and benefit from a common mission inspired by faith and enabled by grace.

Phillips Memorial Library

The Phillips Memorial Library is at the heart of the College's intellectual life, during its 116 hours of operation per week, and the main areas of the library are architecturally impressive and recently renovated.

The library maintains a collection of approximately 329,500 print volumes and provides access to over 1 million electronic books, available online from anywhere in the world. Patrons have access to approximately 500 current print periodical subscriptions and more than 62,000 full-text electronic journals. The library also offers an extensive collection of print and electronic reference materials, including more than 135 bibliographic and full-text electronic databases, the third-largest research collection of electronic databases in Rhode Island (after Brown University and the University of Rhode Island). In addition, the library houses the Providence College Special and Archival Collections, the Office of Academic Services on the second floor, and the core of the College's *iHelp* integrated services group (Information Technology User Services and Academic Media Services) on the library's lower level.

The library is a member of the HELIN (Higher Education Library Information Network) consortium, which gives students and faculty two-day access to millions of volumes from libraries in Rhode Island and the region. In addition, the library's interlibrary loan service connects students to worldwide resources free of charge.

The Phillips Memorial Library provides robust access to the College's wireless network. In the Library Commons tradition, the library offers 135 public access Windows and Macintosh desktop computers, sophisticated digitization and multimedia processing resources in Digital Publishing Services and MediaHub Laboratory, a large inventory of PC and Macintosh laptops, and iPads with Web access for check-out, collaboration facilities and technology support in the lower-level TechHub, a presentation rehearsal/recording room, and an extensive array of productivity software, as well as an 18-computer electronic classroom. The InterHub connects the library to the Ruane Center for the Humanities and provides refreshments, robust wireless access, and seating for 36 patrons, color printing, and five desktop computers beginning at 6:00am on weekdays. The library accommodates approximately 1,015 students in quiet and group-study areas.

For more information, including library hours, call 401.865.2242 or visit the [Library Web site](#).

Residential Facilities

Campus residential facilities include traditional dormitory housing as well as suite and apartment-style units. These facilities accommodate approximately 3,000 students.

National Alumni Association

The Providence College National Alumni Association is an organization that exists to foster a spirit of association among alumni/ae and to provide opportunities for alumni/ae to develop a lifelong relationship with Providence College.

To accomplish these goals, the association sponsors an extensive program of educational, service, spiritual, and social activities to involve alumni in the mainstream of Providence College life. Through this program, the association also works to mobilize the tremendous resources of talent among the approximately 56,000 alumni of the College, to be used for the benefit of Providence College and its current and former students.

Networking events, assistance to student organizations, and career advising programs utilizing alumni volunteers are just a few of the alumni association activities that may be of interest to prospective Providence College students.

Admission

Office of Admission

Phone: 401.865.2535

Toll-Free: 800.721.6444

Location: Harkins Hall 103

The admission requirements and procedures are designed to help the College select those applicants best qualified to benefit from the educational opportunities at Providence College. The College welcomes applicants who evidence thorough scholastic preparation, good character, intellectual curiosity, and motivational purpose both in and outside of school. Submission of standardized test scores is optional for students applying for admission.

Admission to Providence College is competitive. Entering classes consist of approximately 1,000 students selected from a pool that averages over 11,000 applicants. In general, all applicants are encouraged to broaden their reading outside of class and to take every opportunity to develop their competence in writing. Applicants who cannot demonstrate competence in written English will be at a distinct disadvantage in the competition for admission.

Freshman Admission Requirements

1. Application and Notification

Applicants to Providence College must complete the Common Application and forms, and submit the \$65 application fee. Students have the option of paying the application fee by credit card or by e-check.

Applicants who require an application fee waiver may petition for one through their college advisor. The application deadlines for enrollment in the fall semester are as follows:

<i>Application Type</i>	<i>Deadline</i>	<i>Notification</i>	<i>Deposit Due</i>
Early Action	November 1	By Early January	May 1
Early Decision I	November 15	By Early January	January 15

Early Decision II	January 15	February 15	March 1
Regular Decision	January 15	By April 1	May 1
Spring Entry	December 1	By Early January	January 5

Applicants must submit a non-refundable commitment deposit before the designated deadline to confirm enrollment. Late applicants for any deadline will be considered on the basis of availability of classroom and residence hall space.

Providence College provides updates during the course of the admission process to applicants via e-mail. Therefore, it is important that applicants provide the College with a legible e-mail address that will be active throughout the application process.

2. Secondary School Report

The college advisor's assessment of the applicant's character and accomplishments, and an official transcript of the secondary school record, should be forwarded to the College by the appropriate date indicated above; the secondary school transcript should consist of courses of a substantive college preparatory nature. Individual cases may vary, but it is highly recommended that at a minimum an applicant complete four years of English, four years of mathematics, three years of social studies, three years of one foreign language, and three years of science, with at least two laboratory courses. Students who are most successful have completed four years of the five core subjects (English, mathematics, science, history, and foreign language), and have challenged themselves with a selection of honors and advanced placement courses offered at their high school. Applicants planning to major in the areas of science or mathematics will be at a distinct disadvantage if they have not taken four years of math and science during their high school studies. Students considering a major in the sciences should complete at least pre-calculus and preferably calculus at an advanced level along with four years of science including biology, chemistry, and physics and another upper level lab science. Students who declare a major in the School of Business must complete pre-calculus as a prerequisite to enter as a business major.

3. Recommendations

A letter of recommendation and evaluation from an applicant's secondary school teacher is required. The Committee on Admission prefers a recommendation from a teacher of English or from a teacher in a content area relevant to the applicant's intended major. Applicants may send an additional letter of recommendation from someone other than a teacher who knows the applicant well outside of the classroom.

4. SAT or ACT Examinations

Submission of standardized test scores is optional. The review for admission at Providence College focuses on the applicant's high-school performance, involvement, recommendations, and other application materials, rather than standardized test results. The applicant, therefore, may decide whether or not to submit standardized test results with other application materials. **Applicants who choose not to submit SAT or ACT test scores will not be penalized in the review for admission.** While submission of SAT or ACT test scores are not required for admission to the College, students who declare teacher education majors are required by the state of Rhode Island to pass the SAT or ACT at a specific level in order to be eligible for state certification upon completion of their degree.

[Click here](#) for additional information and test requirements. Click [here](#) for additional details about the test-optional policy.

5. Campus Visits

Applicants are encouraged to visit Providence College for a personal interview, an individual day visit, Group Information Session, and/or a student-guided tour before or after they apply for admission. Please contact the Office of Admission at 401.865.2535 for further information or to register for a campus visit.

Early Decision

Students who have identified Providence College as their first choice may apply at our Early Decision deadlines of November 15 (Early Decision I) or January 15 (Early Decision II). Early Decision is a binding agreement, which means that students who are admitted to the College through this program are expected to withdraw their applications to all other colleges and attend Providence College. Students who have previously applied Early Action and are still being considered for admission have the option to change to Early Decision II by January 15.

Early Decision I applicants will receive one of three decisions: they may be admitted to PC, they may be deferred, or they may be denied admission. Students who are deferred will be released from the Early Decision agreement and will be reconsidered in March. A deny at the Early Decision stage is a final decision, and students who are denied are not eligible to reapply at the Regular Decision deadline.

Early Decision II applicants may be admitted, they may be placed on the waitlist or they may be denied admission. All students who are placed on the waitlist are released from the Early Decision agreement. Those who opt to remain on the waitlist will receive regular waitlist updates via email as the admission office assesses enrollment goals. A deny at the Early Decision II stage is a final decision.

Early Action

Well-qualified applicants are encouraged to apply as Early Action candidates in order to receive notification of a decision by early January. To be considered under this program, applications must be received by November 1. Early Action decisions are based on school records at the end of the junior year, senior-year course schedule, and SAT or ACT test results if submitted, in addition to the other pieces of the Common Application.

The Committee on Admission will respond to applicants not accepted under the Early Action Program in the following manner:

Those for whom a favorable decision may still be possible will be deferred to the regular applicant group to be reconsidered in March. If Providence College emerges as a top choice, students who are deferred in the Early Action pool may change to Early Decision II by January 15.

Remaining applicants will be notified of a final negative decision immediately, an approach which benefits those applicants who might wish to pursue alternative application plans. Applicants who are denied admission at the Early Action stage may not reapply at Regular Decision or change to Early Decision II.

Regular Decision

Applying at the Regular Decision deadline is an opportunity for students to present a more complete application to the Committee on Admission. Students who would like the Committee to consider their first semester or trimester in the senior year as part of the application, or test scores taken after the early deadlines, are encouraged to apply at the Regular Decision deadline. Regular Decision applicants will receive one of three decisions; they may be admitted, placed on the waitlist, or they may be denied admission. Students who opt to remain on the waitlist will receive regular waitlist updates via e-mail as the admission office assesses enrollment goals.

For information about merit scholarships, financial aid, and need-based scholarships please reference the Financial Aid and Scholarships section of the catalog.

Transfer Admission Requirements

Transfer applicants are encouraged to achieve a B average in their prior college work. Transfer credit toward undergraduate degrees will be granted for approved academic work with a grade of C or better at a fully accredited institution. Providence College does not enroll under any status a student who is not in good academic and disciplinary standing at a previous institution. Students seeking admission from two-year colleges and who have graduated from high school are normally encouraged to complete requirements for the associate degree prior to transfer but are not required to do so. All students who have earned a GED are required to complete an associate degree to be eligible to apply for transfer. Applicants who had applied to Providence College as a first-year student, but were not granted admission, are required to complete one full year of college course work in a full-time status before reapplying as a transfer student.

Application

Students who wish to apply for transfer to Providence College must complete the Common Application and forms for Transfer Students, and submit the \$65 application fee. The transfer application fee will be waived for transfer applicants who had applied to the College in the past. Students have the option of paying the application fee by credit card or by e-check. Applicants who require an application fee waiver may petition for one through their guidance or college counselor.

The transfer application deadlines are April 1 for candidates seeking admission to the fall semester and December 1 for candidates seeking admission to the spring semester. Adherence to these deadlines allows full consideration by the Committee on Admission, evaluation of course work for transfer credit, and a review for campus housing and financial aid. Late applicants for any deadline will be considered on the basis of availability of classroom and residence hall space.

Transfer College Report

The Transfer College Report may be found at www.commonapp.org. Transfer applicants must print the form and submit it to the college official who has access to academic and disciplinary records at the current or most recently attended college. The completed form should then be sent to Providence College. Providence College will not review an application without this report.

Official Transcripts

Transfer applicants must request that the final official high school transcript and official transcripts from all colleges and universities attended be sent to Providence College. If transfer applicants have

course work in progress at the time of application, a transcript that documents all course work completed to date should be sent.

Recommendations

Transfer applicants are welcome to submit letters of recommendation; however, they are optional.

Notification

Transfer applicants for the spring semester receive notification on a rolling basis two to four weeks after receipt of the completed application beginning November 1. Candidates for the fall semester receive notification beginning mid-April. After that, notification will be sent two to four weeks after the application is complete, provided the student's portion of the application was received by the April 1 deadline.

Test-Optional Policy

Submission of standardized test scores is optional. The academic review for transfer admission at Providence College focuses on the applicant's high school and college-level performance, essay, disciplinary standing, and recommendations, if submitted, rather than standardized test results. The applicant, therefore, may decide whether or not to submit standardized test results with other application materials. **Students who choose not to submit SAT or ACT test scores will not be penalized in the review for admission.** While submission of SAT or ACT test scores are not required for admission to the College, students who declare teacher education majors are required by the state of Rhode Island to pass the SAT or ACT at a specific level in order to be eligible for state certification upon completion of their degree. [Click here](#) for additional information and test requirements. [Click here](#) for additional details about the test-optional policy.

Transfer Credit

A maximum of 60 hours of transfer credit may be accepted toward the undergraduate degree. Students who have earned 60 credits through transfer course work may enroll in additional transfer courses (e.g. a summer course) only with approval from the Office of the Dean of Undergraduate and Graduate Studies. To be eligible for a degree, transfer students must complete the final two years in full-time attendance at Providence College and earn at least 50 percent of their major credits with Providence College course work.

Ordinarily, the College accepts transfer credits for courses taken at another accredited institution in which students have earned grades of "C" or better; however, grades received in course work completed at other institutions are not computed in a student's grade point average at Providence College. Only grades earned at Providence College (including the School of Continuing Education) or through its approved affiliate semester programs are computed in the student's grade point average.

Relevant information regarding course work from other institutions (e.g., course descriptions and/or syllabi) is reviewed by the appropriate academic department or program and/or the dean of undergraduate and graduate studies to determine existing Providence College course equivalents, if any. Approved transfer courses are identified on the College's transcripts with the Providence College course equivalent. In the event that an exact match in the College's curriculum does not exist, the College may award elective credit.

Students are responsible for understanding how their transfer credits fit into their academic program requirements. Students should consult with their faculty advisor and the Office of the Dean of Undergraduate and Graduate Studies if they have questions regarding the applicability of transfer course work toward their degree.

After initial matriculation at Providence College, students may seek permission to enroll in courses at other institutions in fulfillment of their major, minor, or certificate program requirements. Written authorization from the Office of the Dean of Undergraduate and Graduate Studies is required in advance of any such enrollment. Credits earned at other institutions through summer school or intersession courses may be approved only for the purpose of rectifying deficiencies in credit hours earned or fulfilling specific program requirements as authorized, not for the purpose of accelerating the advancement of graduation class year status.

Students who have earned transfer credits with specific Providence College equivalencies may not enroll in the same course and receive additional credit. In adherence to the College's course-repeat policy (see Enrollment Services), credits may only be earned for the most recent course attempt. Thus, the original transfer credit will remain on the official transcript, but may not be counted toward the student's earned credit hours or grade point average.

Official transcripts listing all transfer course work from the accredited institutions must be forwarded to the Office of Enrollment Services.

College credits earned through advanced placement or dual enrollment while in high school will be noted as such on the academic record following appropriate approval by the Office of the Dean of Undergraduate and Graduate Studies.

Advanced Placement (AP) Equivalency Chart

Advanced Placement (AP) Equivalency Chart

AP Exam	Score	PC Equivalent*
Art History	4	Free elective (Fine Arts core)
Art History	5	ARH elective (Fine Arts core)
Biology	4 or 5	Free elective (Standard Natural Science core)
Calculus AB or BC	4 or 5	MTH 131 (Quantitative Reasoning core)
Chemistry	4 or 5	Free elective (Standard Natural Science core)
Chinese Language & Culture	4 or 5	CHN 104
Computer Science A	4 or 5	CSC 103
English Language & Composition	4	Free elective
	5	Free elective satisfying the Intensive Writing Level I Proficiency

English Literature & Composition	4	Free elective
	5	Free elective satisfying the Intensive Writing Level I Proficiency
Environmental Science	4 or 5	Free elective (Standard Natural Science core)
European History	4	Free elective
	5	European History elective
French Language & Culture	4 or 5	FRN 104
German Language & Culture	4 or 5	GER 104
Government & Politics: United States	4	Free elective
	5	Political Science elective
Government & Politics: Comparative	4	Free elective
	5	Political Science elective
Human Geography	4 or 5	Free elective
Italian Language & Culture	4 or 5	ITA 104
Japanese Language & Culture	4 or 5	Free elective
Latin-Vergil	4	Free elective (Student should consult with faculty member about placement.)
	5	LAT 202
Macroeconomics	4 or 5	ECN 102 (Social Science core)
Microeconomics	4 or 5	ECN 101 (Social Science core)
Music Theory	4 or 5	MSC 201 & 201L
Physics B	4 or 5	Free elective (Physics-Based Natural Science core)
Physics C- Electricity & Magnetism	4 or 5	Free elective (Physics-Based Natural Science core)
Physics C- Mechanics	4 or 5	Free elective (Physics-Based Natural Science core)
Physics 1: Algebra Based	4 or 5	EPS 105 (Standard Natural Science core or Physics-Based Natural Science core)
Physics 2: Algebra Based	4 or 5	EPS 105 (Standard Natural Science core or Physics-Based Natural Science core)

Psychology	4 or 5	PSY 100 (Social Science core)
Spanish Language	4 or 5	SPN 104
Spanish Literature	4 or 5	SPN 104
Statistics	4 or 5	MTH 217 or FIN 217 (Business majors)
Studio Art- Drawing	4	Free elective (Fine Arts core)
Studio Art- Drawing	5	ART elective (Fine Arts core)
Studio Art- 2D Design	4	Free elective (Fine Arts core)
Studio Art- 2D Design	5	ART elective (Fine Arts core)
Studio Art- 3D Design	4	Free elective (Fine Arts core)
Studio Art- 3D Design	5	ART elective (Fine Arts core)
U.S. History	4	Free elective
	5	HIS elective
World History	4	Free elective
	5	Non-Western History elective

* Free electives count toward degree requirements but are not applicable to major/minor/core requirements without approval.

NOTES:

AP credits may be removed for students who earn credits in similar or repeat courses at Providence College.

Portfolio subject to department review for Studio Art majors

History majors with an Advanced Placement grade of "5" on the A.P. U.S. and/or European History exam(s) will be given a one-course reduction in the required courses for the specific area(s) and will be given flexibility in choosing the remaining two courses (i.e., any two courses for the particular area). For instance, a major with a grade of "5" in U.S. History would be required to take only two courses in U.S. History and may choose any U.S. History courses for those required courses. A major with a grade of "5" in European History would be required to take only two courses in European History and may choose any European History courses for those required courses. History majors with an Advanced Placement grade of "5" on the World History exam will be given a one-course reduction, which will satisfy the requirement for a course in non-Western history. A limit of two A.P. scores of "5" will be recognized by the Department for reduction of the total number of courses in the major. History majors with an Advanced Placement grade of "4" on the A.P. U.S. and/or European History exam(s) will be given flexibility in choosing any three courses for U.S. and/or European History. For such students, the required number of History credits to be earned for the major would remain at 33.

DECLARATION OF A CORE FOCUS: Only one AP course can be used toward fulfilling a Core Focus.

**** IMPORTANT **** If you have earned AP or IB credits, you should NOT repeat the equivalent course at Providence College. You can earn credit for a given course ONLY ONCE. If you have a question about your AP or IB credits, consult with your advisor or dean.

Advanced Placement/International Baccalaureate/High School-College Dual Enrollment

The College participates in the Advanced Placement Program administered by the College Entrance Examination Board. Students who demonstrate superior performance in the Advanced Placement Examination (a score of 4 or 5) will be awarded Advanced Placement credit. See the Advanced Placement (AP) Equivalency Chart for more specific information concerning the placement of AP courses within the academic program.

Providence College recognizes credit earned through the International Baccalaureate (IB), an internationally recognized curriculum and examination program. Of the two IB examination levels (Higher Level and Standard Level), the College recognizes the Higher Level examinations where a score of 5, 6, or 7 has been achieved. Each successfully passed examination in the Higher Level of the IB program will earn three credits. Official documentation of each successfully completed examination with the conditions noted must be submitted to the Office of Admission prior to a student's matriculation at the College.

Students who successfully complete dual enrollment courses at accredited institutions should submit an official college transcript to the Office of Admission by August 1. Credit for dual enrollment courses is ordinarily not awarded for courses required for high school graduation, nor for courses taken in a high school setting by a college-approved high school faculty member. To be eligible for dual-enrolled credit, courses must be taken on the college campus and/or taught by a college or university faculty member of record. The Office of the Dean of Undergraduate and Graduate Studies reserves the right to determine whether courses taken from a college or university by incoming students while in high school may be accepted as transfer credits. Final approval of dual enrollment course credits will be made by the Office of the Dean of Undergraduate and Graduate Studies. Students who wish to obtain academic credit for dual enrollment courses should plan to meet with the dean of undergraduate and graduate studies during their first semester at Providence College.

Students who are granted Advanced Placement (AP), International Baccalaureate (IB), or dual enrollment credit are still required to complete the College's full-time, eight-semester requirement. (See Academic Policies, General Degree Requirements, Number 6.)

International Students & Scholars

Applications from international students are considered for full-time degree programs beginning in the fall semester. International students must take necessary steps to assure that a complete application including: official transcripts, official test scores, letters of recommendation, certificate of finances and the PC supplement are forwarded to the Office of Admission by the designated deadlines. Transcripts from non-English-speaking countries must be accompanied by a certified English translation.

While individual circumstances may vary, international students whose native language is not English are normally expected to present results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS). For information regarding administration of these exams, please contact the coordinator of international admission in the Office of Admission.

Providence College provides academic merit-based, athletic scholarships, and a limited amount of need-based financial assistance to international students each year. Merit-based scholarships are awarded by the Committee on Scholarships to students whose application for admission displays outstanding academic credentials.

Students seeking consideration for need-based financial assistance are required to submit the CSS Profile along with all supporting bank statements (no more than 3 months old) at the time they apply for admission. Candidates will be considered for admission and institutional need-based financial assistance based upon a review of the academic qualifications, financial need, and availability of student aid resources.

Please note that international students who do not plan to apply for need-based financial assistance are still required to submit the International Student Certification of Finances form and supporting bank statements with their application for admission. Providence College utilizes a need-aware admission policy for international students. Those students who demonstrate that they can afford the cost of attendance will be given preference in the evaluation process.

Providence College is authorized by the Department of Homeland Security and the Department of State to enroll non-immigrant students. Admitted undergraduate international applicants are issued an F-1 student visa for study at the College. In order to be issued an F-1 visa, admitted international applicants must meet the following eligibility criteria: letter of admission to the College, evidence of financial funds to support all educational and living expenses in the U.S., payment of the I-901 SEVIS fee, evidence of English proficiency, and possession of the Form I-20. The I-20 form is issued by Providence College and mailed to the student once Providence College receives the Enrollment Reservation Form and other necessary financial documentation. The student must have the Form I-20 prior to making the consular appointment to receive the visa stamp.

International students are required to have obtained appropriate immigration status from United States Citizenship and Immigration Services prior to the start of school.

The Office of the Dean of Undergraduate and Graduate Studies along with the Director of International Student Success provides advising services to international students and visiting scholars with respect to immigration and visa matters, work permission, orientation, cultural adjustment, and personal concerns. It serves as a liaison for international students with other campus offices, faculty and administrative staff, and sponsors various social and cultural activities throughout the year. A mandatory *Welcome Program* is held prior to the start of the Fall semester to help new incoming international students with cultural and social integration to the U.S. and to the academic expectations of Providence College.

Admission for Home-Schooled Students

Providence College welcomes applications from individuals who have proof of graduation from a home-schooled program. As with our requirements for applicants from public or private schools, the submission of standardized test scores is optional.

If home-schooled applicants follow a prescribed curriculum, evidence of course work completed will need to be submitted. If not associated with a particular program or institution, the applicant is encouraged to submit a descriptive résumé that outlines the student's high school work, level of challenge, and depth and breadth of curriculum.

Please note that all home-schooled students are required to have an interview either in person, via phone, or skype. For additional information please visit <https://admission.providence.edu/apply/home-schooled-students/>.

Early Admission

Although the College believes that most students benefit from four years of secondary education, early admission may be approved for outstanding candidates who have completed less than the traditional sequence of requirements. Students who will have demonstrated superior achievement upon completion of three years of secondary education and who have exhausted the advanced courses in their secondary school program may apply for early admission in the same manner as those students who will have completed four years of secondary education before enrolling at Providence College. In addition, early admission applicants must be recommended by their high school principal or guidance counselor on the basis of academic potential and emotional maturity. An admission interview is required.

Deferred Admission

It is possible for accepted students to defer entrance for a year. Students wishing to defer admission should write to the Committee on Admission explaining the reasons for such a request. Approval for such status is made with the understanding that students will not enroll for credit course work at another college during the deferral year or thereafter. Students are still expected to submit the non-refundable \$700.00 enrollment fee to secure their place for the following academic year.

Readmission and Reinstatement

Students who voluntarily withdraw from the College must apply for readmission through the Dean of Undergraduate and Graduate Studies. For additional information, please refer to the Academic Policies section of this catalog. Students who are dismissed for academic reasons may petition the Committee on Academic Status for reinstatement to the College as outlined in the Academic Policies section of this catalog.

Non-Degree/Special Student Status

Special student status is reserved for those persons who are not baccalaureate degree candidates at the College but who wish to elect one or more courses for academic credit for which they are qualified and can demonstrate special need. One must have held a high school diploma for at least two years to be eligible to apply. Applicants from other colleges and universities must present evidence of good academic and disciplinary standing. Attendance at Providence College as a special student is on a non-degree, non-matriculated status only. Special students are not eligible for campus housing or financial aid. Enrollment is normally for one semester only. A maximum of 12 credits earned in special student status may be applied toward degree requirements.

Applications for consideration as a special student are available from the Office of Admission. Applications and supporting credentials should be submitted by August 15 for the fall semester and December 1 for the spring semester.

Veterans' Deployment and Readmission Policy

Under the Higher Education Opportunity Act of 2008, a student who is called to active duty in the United States Armed Forces or the National Guard or Reserve for a period of more than 30 days is entitled to re-enroll in the same program, with the same enrollment status, number of credits, and academic standing as when he or she was last in attendance at Providence College.

Readmission is allowed provided the student meets the following requirements:

- the cumulative length of the student's absences from the college because of service on active duty does not exceed five years (which period may be extended in certain cases, as provided by statute);
- the student notifies the college upon completion of service that he or she intends to re-enroll at the college; and
- the student has not been discharged from the Armed Forces with a dishonorable or bad-conduct discharge.

Financial Information

Expenses 2018-2019 Academic Year

Tuition and Required Fees*

Tuition (per year)**	\$49,600
General Technology Fee	\$440
Activity Fee	\$350

Room and Board (per year, per student)*

Residence Halls	\$8,480
Two Bedroom Suite	\$10,920
Three Bedroom Suite	\$10,570
Two Bedroom Apartment Rental	\$13,050
Three Bedroom Apartment Rental	\$12,840
Laundry Fee	\$138
Unlimited Meal Plan***	\$6,220
15 Meal Plan	\$5,770
11 Meal Plan	\$4,710
7 Meal Plan	\$3,670
75 Block Meal Plan (<i>Not an option for residence hall students</i>)	\$2,140

***Tuition is based on a regular course load. (See Academic Policies, Credit Hour Requirements)*

****Mandatory for freshmen resident students*

Note: All requests for adjustments to the above meal plans (refer to *The Student Handbook*) must be made to the dean of residence life or his or her designee. These requests must be submitted in writing no later than the second week of classes.

Special Fees 2018-2019 Academic Year*

Note: Students enrolled in courses for which the College incurs significant additional expense may be assessed supplementary fees above and beyond their regular tuition charges. Fees may be charged to help offset costs related to specialized equipment, technology, software, supplies, and transportation, as well as additional costs for specialized staffing or cooperating teacher fees.

Applied Music Fee (<i>per semester - private</i>)	\$600
Art Studio Laboratory (<i>per course - per semester</i>)	\$135
Piano Lab Fee (<i>per course - per semester</i>)	\$70
Science Laboratory (<i>per course - per semester</i>)	\$190
Psychology Laboratory (<i>per course - per semester</i>)	\$190
Computer Laboratory (<i>per course - per semester</i>)	\$115
Video Production Fee (<i>per course - per semester</i>)	\$130
Music Education Practicum Fee	\$65
Student Teacher Practicum Fee I (<i>Based on Student Teacher/Cooperating Teacher ratio</i>)	\$120
Student Teacher Practicum Fee II (<i>Based on Student Teacher/Cooperating Teacher ratio</i>)	\$65
Late Course Change (<i>per course</i>)	\$150
Study Abroad Fee (<i>semester programs</i>)	\$1,000
Study Abroad Fee (<i>summer</i>)	\$200
Graduation Fee	\$220
Application Fee (<i>Prospective Freshman</i>)	\$65
Application Fee (<i>Special and readmitted students</i>)	\$65
Orientation Fee	\$250

Special Student Fee (per credit - per semester) \$1,653

A special student is not enrolled as a degree candidate and does not follow a full prescribed program of studies.

Special Student Audit Fee (per course- per semester) \$540

Student Health Insurance Fee \$1,712

Personal health insurance is mandatory for every student. Unless a waiver indicating that a student is insured privately is provided annually by August 15th, the student will be automatically enrolled in the College's insurance plan. The enrolled student will be responsible for the costs of this plan and will be billed accordingly. Information regarding the student health insurance plan and the details for waiving/enrolling will be sent home in June by the Office of the Bursar.

** Tuition, room and board, and special fees are subject to change each academic year.*

All fees are payable in full and in advance at the Office of the Bursar on or before August 15 for the fall semester and on or before December 15 for the spring semester. If a student account is not paid by August 15 for the fall semester and December 15 for the spring semester, the account may be assessed a \$100 late fine and placed on financial hold.

For all personal checks over \$500 received within 10 days of registration, the account will remain on financial hold for 5 days pending clearance of funds by the bank. Holds will be removed immediately with payment of a certified or bank check, money order, or wire transfer only. Financial holds suspend the right of a student to register; make a housing deposit; receive a degree, grade reports, transcript, or letter of recommendation. In view of the continuing rise in the cost of living and the cost of College services, students are advised that the College may find it necessary to increase charges whenever such action is deemed necessary.

Checks should be made payable to: "Providence College."

Deposits

Enrollment Fee \$450

This fee is not refundable but is credited to the student's account upon graduation or withdrawal from the College, and the balance is refunded within 90 days of said separation.

Residence (Housing Security) Deposit

(Not refundable but credited to student's residence account only.) This deposit is not required for incoming students. Students must pay this sum by a published deadline date, in the middle of the preceding term, to assure accommodations.

Reservation for residence obligates the student for the full academic year.

Residence Halls \$200

Suites Residence	\$200
Apartment Complexes	\$200

Providence College Monthly Payment Plan

As an alternative to payment in full at the beginning of each semester, Providence College offers an optional payment program for those who wish to pay monthly.

Under this program, families may budget their educational expenses in 10, 9, or 8 equal installments (beginning June 1 and ending March 1), eliminating one large payment prior to each semester. Tuition, room, board, and fees for the upcoming academic year may be budgeted under this plan.

An \$85 application fee includes automatic life insurance coverage and monthly billing statements. There are no interest charges.

Information and application forms for this program are mailed to all students in May. For more information, please contact the Office of the Bursar by phone at 401.865.2284, by e-mail at bursar@providence.edu, or write to Providence College, Office of the Bursar, 1 Cunningham Square, Providence, RI 02918.

Each student is required to choose one or the other payment option prior to the start of each academic year. No other arrangements are allowed.

Collection

In the event a student is in arrears as to any monies due and owing to the College at anytime during matriculation, graduation, withdrawal, or upon dismissal, the College reserves the right to collect these funds in a manner which may result in additional collection/legal fees and costs.

Withdrawals and Refunds

A student who, for any reason whatsoever, withdraws from the College during the semester, must immediately notify in writing the Office of the Dean of Undergraduate and Graduate Studies and state the reason for withdrawal. Refunds of tuition, room, board, and fees will be made according to the following schedule. In all cases, the official withdrawal date is the date the written notification is received by the Office of the Dean of Undergraduate and Graduate Studies, and this date affects all financial calculations in determining refunds, if any.

Exceptions to this refund schedule may be given in cases of deployment of students who are active duty personnel in the United States Armed Forces, National Guard, or Reserve.

Written withdrawal notification received by the Dean in the:

First week of classes	80 percent refund
Second week	60 percent refund
Third week	40 percent refund
Fourth week	20 percent refund

After fourth week - No refund

Return of Title IV Funds

Providence College is required by federal and state regulations to make known the following information to financial aid recipients: Upon withdrawing from the College during the first 60 percent of the enrollment period, a student earns Title IV funds in direct proportion to the length of time he or she remains enrolled. That is, the percentage of time during the period that the student remains enrolled is the percentage of disburseable aid for that period that the student earned. Again, written withdrawal notification serves as the date of a withdrawal. In cases where a student unofficially withdraws from the College (defined as having earned NO grades during that semester), the student will be subject to a similar refund calculation based on the last day of academic-related activity or back to the 50 percent point of the semester. A student who remains enrolled beyond the 60 percent point earns all federal aid for the period.

Example of Return of Title IV Funds Calculation:

A student officially withdraws from the College in the fourth week or on the 22nd day of the semester. The semester is defined as 15 weeks x 7 days per week or 105 days. The student's total financial aid package is:

Aid Package (per semester):

Subsidized Federal Direct Loan	\$2,709
	<i>(Gross Amt. \$2,750)</i>
Federal Pell Grant	\$1,350
SEOG	\$2,000

	\$6,059

Formula:

Step One:

22 days - 105 days in enrollment period = 21% of enrollment period completed. Percentage of aid earned = 21%.

Step Two:

\$6,059 total aid x 21% = \$1,272 total aid earned.

Step Three:

\$6,059 total aid - \$1,272 total aid earned = \$4,787 total aid unearned.

Step Four:

\$4,787 unearned aid to be returned to Title IV funds.

Refund Distribution

Prescribed by law and regulation

Unsubsidized loans

Subsidized loans

PLUS Loans

Federal Pell Grants

Federal SEOG

Banking Facility

Two automatic teller machines (ATMs) are located on the ground floor of the Slavin Center for the convenience of the students.

PC Card and PC Cash Account

The PC Card is the College's identification card and much more. The PC Card is also a meal card, a library card, an access card to residence halls and the Concannon Fitness Center, a means for tracking attendance, and a safe and convenient way to make purchases on campus.

The PC Cash Account is a debit account used to make purchases at locations on and off campus including the PC Bookstore, the Friar Buyer, McPhail's, and vending and copy machines. For more information, contact: 401.865.CARD (2273) or visit www.providence.edu/pccard for links to the PC Card page.

Financial Aid and Scholarships

Contact Information

Office of Financial Aid

Phone: 401.865.2286

Fax: 401.865.1186

E-mail: finaid@providence.edu

Location: Harkins Hall 403

General Policy

Meeting the cost of a private college education is a challenge for most students and their families. In recognition of this reality, Providence College provides a multifaceted financial assistance program to help students as they formulate a plan to finance their education. In determining financial aid awards, Providence College distributes financial assistance based on a number of factors, including federal policy, institutionally determined financial need, academic qualifications, and the availability of resources. The College reserves the right to modify the criteria for financial aid if the law or College policy changes.

Since the primary responsibility for the education of a student belongs to the individual and his or her parents or guardians, it is presumed that the student and the family will make the maximum effort to provide for the expenses of an undergraduate education. Should parents or guardians discontinue their support for reasons other than ability to pay, Providence College cannot assume financial responsibility for the student. Financial aid from the College or other sources should always be considered a supplement and not a substitute for parental contributions.

Providence College uses the Federal Methodology required by the Higher Education Act (1992), as amended, to determine a student's eligibility for federal financial aid programs. This methodology allows the College to distribute federal financial aid to eligible students in accordance with federal

guidelines. The Federal Methodology calculates a level of eligibility for student applicants that is carefully reviewed by the Office of Financial Aid and may be adjusted to reflect additional information not available at the time of the initial award.

For institutional need-based aid, the College subscribes to the Institutional Methodology, a more comprehensive analysis of a family's ability to contribute. The Institutional Methodology provides a systematic and objective measurement of the family's financial situation and the subsequent amount of financial assistance the student is eligible to receive. With that determination of need, the Office of Financial Aid constructs an aid package consisting of grant assistance, work, and loans in accordance with federal regulations, the availability of funds, and institutional policy. Regrettably, College resources are not always adequate to meet the full need of all eligible applicants. In any given class of students, it may not be possible to fully assist eligible students.

All grant and loan funds are credited to the student's account following the add/drop period of each semester by the Office of the Bursar. Federal work-study funds are never credited to student accounts and should not be used in determining payment of the tuition bill. Work-study funds are earned during the semester and paid directly to the student on a bi-weekly basis.

The receipt of outside assistance, including but not limited to state scholarships, scholarships from private organizations, and high school awards, may result in an adjustment to the original aid offer when the additional assistance provides the student with total funds in excess of calculated institutional eligibility. When it is necessary to adjust an aid offer, reductions will be made based on the institutional need and packaging policy. Changes will be made first to offset any unmet need and then federal loans and work study awards before adjustments are made to need based grant. In some cases, students may be able to retain their subsidized loan if they have need based federal eligibility.

Any aid recipient who withdraws from the College is subject to the refund and repayment policy published in the Financial Information section of the College catalog. Appropriate refunds and repayments to federal aid accounts will be calculated in accordance with federal and institutional policy in effect at the time of withdrawal.

All financial aid recipients are required to maintain satisfactory academic progress as defined by the Office of the Dean of Undergraduate and Graduate Studies, the Department of Education, and specified in the College Catalog. Failure to maintain the minimum standards for completion of degree requirements will result in the loss of all aid.

In order to ensure that financial aid funds are distributed on an equitable basis, and to meet U.S. Department of Education requirements, a number of student applicants are required to complete a process called "verification." Students selected to complete the verification process are required to submit documentation of the information initially provided on the student's FAFSA. Documentation includes: Internal Revenue Service (IRS) tax transcripts for the parent and student; W2 forms showing wages earned from work; documentation of untaxed income; statements which confirm the number of family members receiving parental support; the number of family members enrolled in college; and any other documentation the College requires. Students who must complete the verification process should read requests for verification very carefully and respond in a timely manner. Failure to comply with verification requirements can result in the loss of all financial aid.

Application Procedures

Most of the financial aid applications require students to submit application materials electronically. Applicants using an electronic process are encouraged to allow sufficient time for problems that may be encountered during peak filing times. Applicants are urged to mail all application materials early enough to allow sufficient time for postal handling and delivery before the

published deadline dates. Applicants are required to complete the appropriate forms each year assistance is sought. The information noted below applies solely to undergraduate students. Graduate and continuing education students should consult the catalog specific to their program for information on filing requirements and types of financial assistance available.

Prospective and current students should review information from the Office of Admission and the Office of Financial Aid websites for information on specific requirements and deadlines.

Filing Requirements

1.

1. Entering Freshmen

All entering freshman applicants for financial aid must submit a Free Application for Federal Student Aid (FAFSA) and a College Scholarship Service (CSS)/PROFILE Application. Both forms must arrive at the appropriate processing center prior to our published deadlines. The FAFSA is required from those students interested solely in federal financial assistance, while the FAFSA and CSS/PROFILE are required to determine eligibility for institutional assistance. For students whose parents are self-employed or have interest in a business, partnership, S-corporation, or corporation, additional requirements may be required.

2. Upperclass Students

All returning upperclass student applicants for financial aid are required to complete the Renewal FAFSA or the FAFSA and a College Scholarship Service (CSS)/PROFILE Application. These forms must arrive for returning students at Providence College at the appropriate processing center prior to our published deadlines. The FAFSA is required from those students interested solely in federal financial assistance, while the FAFSA and CSS/PROFILE are required to determine eligibility for institutional assistance.

3. Transfer Students

All transfer students are only required to have completed the FAFSA or Renewal FAFSA and a CSS/PROFILE Application. Both forms must arrive at the appropriate processing center prior to our published deadlines. The FAFSA is required from those students interested solely in federal financial assistance, while the FAFSA and CSS/PROFILE are required to determine eligibility for institutional assistance.

2. Federal Direct Loan Program

Providence College participates in the William D. Ford Federal Direct Loan Program. Since the Direct Loan Program is administered by Providence College, the FAFSA is the only application required. The Loan Office at Providence College will provide the promissory note and any other supplemental materials for all student borrowers. The Office of Financial Aid and the Loan Office will process all matters involving the Direct Student Loan.

3. Renewal of Aid

Renewal of need-based aid is not automatic. Students must reapply for need-based federal financial assistance each year by completing the FAFSA. For institutional need-based consideration, both the FAFSA and CSS/PROFILE must be filed by the published deadlines. All need-based financial assistance at Providence College is renewable for all four undergraduate years provided a student applies by the published renewal deadline, remains in good academic standing, and continues to demonstrate similar financial need.

Depending upon your calculated need in subsequent years, your aid award may vary. However, the principal factors used in computing your need are the same every year. These factors include such criteria as family income, assets, household size, and number of family members in college. The College reviews student aid provisions annually and reserves the right to adjust any award, both in kind and amount, when changes occur in a student's financial or academic situation or because of funding limitations.

4. Following Directions

Be certain to carefully read and follow the directions for completing all of the various applications for financial aid. This prevents unnecessary delay and enables the College to fully consider an application.

5. Late Application

Late applications for financial assistance are accepted at any time. However, the actual distribution of awards is based on the availability of funds at the time the late application is received. For more information visit the Institutional Policies and Procedures section on the College Web site.

Sources of Federal, State, and Local Aid

The Federal Pell Grant application is included in the Free Application for Federal Student (FAFSA) and/or the Renewal FAFSA. Providence College will electronically transmit information from the Federal Student Aid Program for Pell Grant-eligible students. Awards may vary from \$652 to \$6,095 based on a family's Expected Family Contribution (EFC) as determined by the FAFSA, the student's actual enrollment (i.e. summer or academic year), and enrollment status (i.e. full-time or part-time).

Federal Supplemental Educational Opportunity Grants are funded by the federal government and awarded by the College to undergraduate students with exceptional financial need. Awards range from \$200 to \$4,000.

Federal guidelines require that Pell Grant recipients with exceptional financial need receive preference for Federal SEOG awards.

Army ROTC Scholarships

The U.S. Department of the Army ROTC scholarship program provides aid to qualified students at both the high school and college levels. For more information, please see the Military Science Web site.

State scholarships and grants are available from a limited number of states to students with financial need. Appropriate application materials must be submitted to state scholarship agencies within specified deadlines. Students are required to apply for state funds when available.

Local scholarships and awards are available through social, civic, religious, business, and labor organizations in a student's local area. High school guidance offices have information and applications.

Providence College Scholarships and Grants

The College has adopted a Home School Tuition Policy for study abroad, and institutional grants and scholarships are available for transfer to other institutions. More information on the Home School Tuition Policy is published in the Center for Global Education section of this catalog.

Providence College merit-based scholarships are awarded to entering freshmen regardless of financial need. Merit-based scholarships are offered to a select group of students.

Liberal Arts Honors Program Scholarships

Scholarships are offered to students admitted to the Liberal Arts Honors Program who have achieved academic distinction at the highest level in high school. A student may be offered the St. Dominic Scholarship, St. Thomas Aquinas Scholarship, St. Catherine of Siena Scholarship, or the St. Joseph's Scholarship. The St. Dominic Scholarship is equal to the value of full tuition. Students may receive either the St. Thomas Aquinas Scholarship, an award equal to the value of 80 percent of tuition, the St. Catherine of Siena Scholarship, an award equal to 60 percent of tuition, or the St. Joseph's Scholarship, an award equal to 45 percent of tuition. All of these scholarships are renewable for up to four years as long as students remain active members of the Liberal Arts Honors Program. Students must successfully complete the normal semester course load as articulated in their scholarship agreement, and maintain a 3.0 semester GPA during each semester of their freshman year, and a 3.25 GPA for each subsequent semester. All freshman candidates filing an application for admission are automatically considered for the Liberal Arts Honors Program.

Albertus Magnus Academic-Based Merit Scholarships

Albertus Magnus scholarships are awarded to students who have demonstrated superior academic performance during their entire high school career, but were not selected for inclusion in the Liberal Arts Honors Program. All scholarships are renewable for four years provided students meet the GPA requirements. For the academic scholarships, the recipient must successfully complete the normal semester course load as articulated in their scholarship agreement, and maintain a 2.75 semester GPA during each semester of their freshman year, and a 3.00 GPA for each subsequent semester.

Providence College Friar Scholarships

Providence College Friar Scholarships are merit awards intended to recognize high school seniors who have not only demonstrated the academic discipline necessary to succeed in the classroom, but have also displayed extraordinary commitment, leadership, and responsibility in their extracurricular pursuits.

The following scholarships are in place for the 2018-2019 academic year.

<i>Liberal Arts Honors Merit Scholarship</i>	<i>Class of 2019 and 2020</i>	<i>Class of 2021</i>	<i>Class of 2022</i>
St. Dominic Scholarship	Full tuition	Not applicable	Not applicable
St. Thomas Aquinas Scholarship	80% of tuition	80% of tuition	80% of tuition
St. Catherine of Siena Scholarship	60% of tuition	60% of tuition	60% of tuition
St. Joseph Scholarship	40% of tuition	40% of tuition	45% tuition
<i>Academic Scholarship</i>			
Albertus Magnus	\$15,000 tuition award	\$17,000 tuition award	\$18,000 tuition award
<i>Leadership Award</i>			

PC Friar Scholarship	\$10,000 tuition award	\$10,000 tuition award	\$10,000 tuition award
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All merit-based scholarships are guaranteed for all four years (8 semesters) as long as the student meets the terms listed on the College's merit-based scholarship agreement form (applies only to the Liberal Arts Honors and Academic Scholarship awards). If a student receives another source of funding that is designated solely for tuition, the merit award may be reduced since the total of these sources cannot exceed the tuition charge on an annual basis. All freshman candidates filing an application for admission are automatically considered for the Liberal Arts Honors Program.

Providence College Grants are awarded to undergraduate students on the basis of need. Grants are renewed if the student is making satisfactory progress toward a degree, their need has not diminished, and the student adheres to all financial aid application deadlines.

Providence College Family Grants are available when two or more members of a family attend the College's undergraduate program at the same time. The tuition of the younger student(s) is reduced by \$1,000. This award is determined during the review of the financial aid application. A student who believes they may be eligible, but whose awards do not reflect this grant, should contact the Office of Financial Aid. The Family Grant is not applicable when both family members are already receiving institutional money covering tuition in full.

Rev. Dr. Martin Luther King, Jr. Scholarship

Established in 1968, this full tuition scholarship assists undergraduate AHANA (African American, Hispanic, Asian and Native American) students and others who demonstrate a desire and ability to contribute to Providence College's diversity. Selections are made by a committee and are based on financial need, academic and leadership potential, and community service. No separate application is required to be considered for this award. Scholarships are awarded to incoming freshmen only; transfer students are not eligible for consideration. Interested students should contact the Office of Undergraduate Admissions at 401.865.2535.

J.F. Cunningham, O.P. Scholarship

Established in 1985, this full-tuition scholarship assists undergraduate Southeast Asian students who currently reside in the Greater Providence area and demonstrate a desire and ability to contribute to the College's diversity. Selections are made by a committee and are awarded to students with financial need, community service, demonstrated leadership potential, and a strong high school performance. No separate application is required to be considered for this award. Scholarships are awarded to incoming freshmen only; transfer students are not eligible for consideration. Interested students should contact the Office of Undergraduate Admissions at 401.865.2535.

Saint Juan Macías Scholarship

The Saint Juan Macías Scholarship, originally established in 1988 under a different name, is awarded to undergraduate AHANA (African American, Hispanic, Asian and Native American) students and others who demonstrate outstanding academic achievement and a desire and ability to contribute to Providence College's diversity. The scholarship is granted for the full amount of tuition, room, and board. Renewal of this award is contingent upon excellent academic performance. No separate application is required to be considered for this award. The scholarship is awarded to incoming freshmen only; transfer students are not eligible for consideration. Interested students should contact the Office of Undergraduate Admissions at 401.865.2535.

Endowed/Donor Scholarships

Individuals, foundations, and corporations generously contribute endowed and restricted scholarships to Providence College to support the educational opportunity of deserving students.

Scholarship recipients for *Endowed/Donor Scholarships* are selected by the Office of Financial Aid in accordance with the specific criteria for each scholarship and are distributed by the Office of Financial Aid. The endowed scholarship funds provide a vital and important supplement to the financial aid programs at Providence College. The overall amount of Providence College grant resources a student is awarded is determined by financial need.

If a student is selected as a recipient for an endowed scholarship, the funds will be used to replace and not supplement the original grant awarded. No separate application is necessary in order to be considered for these special funds. All eligible students will be considered for scholarships and will be notified by the Office of Financial Aid beginning in the summer and continuing throughout the academic year.

Student Employment

The Federal Work-Study Program is a federally funded, part-time employment program that allows students with financial need to work both on- and off-campus during the academic year. Full-time summer employment is also available for eligible students. A listing of available jobs is available online by visiting the student employment section of the Financial Aid Web site.

Providence College is committed to providing opportunities for students who are eligible for federal work-study to perform community services off-campus as part of the employment experience. These services will contribute to both the quality of life for community residents and to the quality of the students' educational experience here at Providence College.

The *Off-Campus Job Referral Service* is available to all students interested in working for off-campus employers in the Greater Providence area. The Office of Financial Aid compiles, maintains, and lists all positions. Interested students should contact the Office of Financial Aid or Feinstein Institute for Public Service.

The *Providence College Student Employment Program* is funded by the College and available to a limited number of students. Employment opportunities are available in various departments when federal work-study students are unable to fill each position. A listing of jobs is available online by visiting the student employment section of the Financial Aid Web site.

Loans

The Federal Direct Loan Program is available to both undergraduate and graduate students. The conditions governing borrowing limits, interest rates, subsidies, deferments, and repayment are the same as the Stafford Student Loan Program. The loan application process, the distribution of promissory notes, and disbursement of funds are handled by Providence College. No banks or guarantee agencies will be involved in the process. Under current legislation, these loans have a fixed interest rate set annually. Repayment is deferred until six months after graduation, and a variety of repayment options is available. Students who have borrowed from more than one program will be able to consolidate other federal student loans under a single Direct Loan repayment option. All Direct Loans are subject to an origination fee and will be credited directly to the student's account each semester.

Annual borrowing limits:

Freshmen

\$3,500

Sophomores	\$4,500
Juniors	\$5,500
Seniors	\$5,500

The Federal Direct Loan Program is available to all students regardless of family income. Students from higher-income families may be required to pay an in-school interest subsidy, but all other provisions of an unsubsidized loan-such as borrowing limits, repayment, etc.-are the same as a subsidized Direct Loan.

The Federal Direct PLUS Loan Program is available to parents who are interested in borrowing to meet educational costs. Since this program is a part of the Federal Direct Loan Program for students, all loan transactions will be handled by the Student Loan Office at Providence College. Parents may borrow up to the cost of education minus any financial aid and student Direct Loans. Interested parents may apply for a PLUS Loan at www.studentloans.gov. PLUS Loan borrowers are subject to a credit check, and an percent origination fee is deducted from the loan amount. A Free Application for Federal Student Aid (FAFSA) must be filed by the student who is attending Providence College in order for the PLUS Loan to be processed.

Helpful Financial Aid Links

The U.S. Department of Education maintains a student portal (<http://studentaid.ed.gov>) that allows families to get all the information they need from just one place. At that site, you can access department publications such as the *Student Guide* and *Funding Your Education*, apply for a PIN, file the FAFSA on the Web, access the National Student Loan Data System (NSLDS), link to information about your state's scholarship or grant program, link to searches for private scholarships, and much more.

Other helpful links are:

Filing the FAFSA Online
www.fafsa.ed.gov

Filing the CSS/PROFILE Online
<https://profileonline.com>

Fast Web Scholarship Sources
www.fastweb.com

Financial Aid Information Page
www.finaid.org

Yahoo Financial Aid Search
<http://dir.yahoo.com/Education>

Peterson's Education Center
www.petersons.com

College View
www.collegeview.com

Tuition Management Systems
www.afford.com

Student Life and Development

The Division of Student Affairs at Providence College promotes the educational development of the student outside of the classroom. In addition to providing services which address the students' personal needs while attending college, these efforts include the social, cultural, and recreational resources which make for a complete college experience.

The Division of Student Affairs seeks to help students discern and prepare for who they ultimately want to be by seeking growth in four key areas known as The Friar Four Pillars: Human Flourishing, Cultural Agility, Contemplation & Communication, and Integrated Learning. Programs and services built upon these pillars include the office of the dean of students, personal counseling, career education & professional development, residential life, student health, safety and security, community standards, citizenship & off-campus life, recreational sports & fitness, and student activities, and cultural programming. Complementing student affairs is the Office of the Chaplain/Campus Ministry, which focuses on students' spiritual growth and development.

Student Resources

Office of the Dean of Students

The Office of the Dean of Students provides a critical support system for students and develops programs to enrich students' overall experiences. The office works with students and families to respond to crises and requests for leaves of absences, and serves as the supervisor of the CARE (Campus Assessment, Responsibility, and Evaluation) Team. The office coordinates the following programs: the Peer Mentor Program; the annual Horizons Fall Retreat for first-year and transfer students of color, and international students; and, Agape Latte, a program that facilitates reflection about faith. The office also advises Student Congress, BMSA, and campus media groups, specifically, The Cowl, WDOM, and PCTV.

Student Congress

Student Congress is the only organization on campus that represents the entire student body in all facets of College life. The Student Congress also has representation on various standing committees of the College. The president, vice president, treasurer, and secretary are elected annually by all students. Class officers and representatives are elected by each class. All officers serve for a one-year term.

Board of Multicultural Student Affairs (BMSA)

BMSA is a student-led organization that brings cultural awareness to the PC campus. BMSA has over ninety student leaders and functions as the umbrella organization that oversees clubs such as Afro-Am, Asian-Am, Circolo Italiano, Gaelic Society, MESA (Middle-Eastern Student Association), and OLAS (Organization of Latin American Students). SOAR (Society Organized Against Racism), ISO (International Students Organization), Motherland Dance Group, and SHEPARD (Stopping Homophobia, Eliminating Prejudices And Restoring Dignity) are affiliated organizations with BMSA.

Personal Counseling Center

Students face a number of challenges in their years at Providence College, and the Personal Counseling Center is here to help them meet these opportunities to integrate their personal, social, intellectual, and moral development. The professional counseling staff provides a program of high quality individual and group counseling services, developmental and preventative programming, as well as, supportive and consultative services for the faculty and administration. The Personal

Counseling Center serves the needs of students seeking assistance around issues including, but not limited to: depression, self-esteem, anxiety, substance abuse, stress, eating disorders, sexuality, family pressures, crisis intervention, victimization, thoughts of suicide, life crisis, and critical life decisions. All counseling services are confidential within the limits of the law and professional ethics. To find out more about how to make an appointment, click the following link: <https://personal-counseling.providence.edu/>.

Health Services

The Student Health Center provides comprehensive and confidential physical and mental health services for all full-time undergraduate students during the academic year. The Student Health Center also provides relevant health and wellness programming including screenings on nutrition, physical activity, alcohol and other drug use, tobacco, stress, and general wellness. The center provides laboratory services but does not provide x-ray or surgical services, treatment for major illnesses, or allergy shots. The staff refers students who need those services to either a local hospital or off-campus provider. All visits to the health center are free. There is a charge for any testing or referrals off campus, as well as prescriptions dispensed by the providers. To find out more about how to make an appointment, click the following link: <https://health-center.providence.edu>.

Complete Medical Record: All incoming freshmen and transfer students are required to submit a complete medical record on forms supplied by the College and signed by their provider. It is the responsibility of each student to update his or her medical record whenever there is a change in health status, insurance, or other relevant information. Every student is required to have medical insurance and must provide proof of insurance.

Services for Students with Disabilities

"Providence College seeks to reflect the rich diversity of the human family...and affirms the God-given dignity, freedom, and equality of each person." (The Mission of Providence College). Consistent with this mission the College strives to offer equal educational and employment opportunities to all members of the College community. To this end we offer reasonable accommodations for the needs of persons with disabilities, meeting the requirements of the Americans with Disabilities Act and Section 504 of the Rehabilitation Act.

An individual with a disability is someone with a physical or mental impairment that substantially limits one or more major life activities. "Substantially limits" means being unable to perform a major life activity or significantly restricted as to the condition, manner, or duration under which a major life activity can be performed, in comparison to the average person or to most people. "Major life activities" include, but are not limited to such functions as caring for oneself, performing manual tasks, walking, seeing, hearing, speaking, breathing, learning, and working.

Providence College employs a decentralized approach to providing accommodations to persons with disabilities. It is designed to preserve medical privacy as much as possible. At the same time, it allows administrators most closely connected to the needed accommodation to understand your disability and the accommodations that will help you achieve equal access to work, living, and learning opportunities. Click here to learn more about where to direct requests for disability accommodation (academic, transportation, dining, and residential life).

The Providence College Student Handbook provides information regarding the grievance policy related to accommodation requests.

Policy on Drug-Free Campus

Providence College, in compliance with the Drug-Free Schools and Communities Act Amendment of 1989, has adopted and implemented a program to prevent the illicit use of drugs and the abuse of alcohol by students and employees of the College, which includes enforcement of policies and standards of conduct with respect to behavior on College property, and behavior at any College-sponsored events. The College undertakes educational initiatives to inform students and employees of these policies. The College also employs a range of prevention-oriented activities to reduce the risk of alcohol or drug abuse.

The Center for Career Education & Professional Development: Discerning & Preparing for Who You Will Be

The Center for Career Education & Professional Development partners with all students to help them identify, enhance and accomplish their career development, internship, job search and educational goals in their transition from college to career. We help prepare all students for their lifework, beginning their first year, by providing meaningful opportunities to assess their strengths, discover their passions, and hone their professional and leadership skills. To learn more, please visit: <https://career-education-center.providence.edu/>

The Center for Orientation, Transitions & Leadership

The Center for Orientation, Transitions & Leadership focuses on the preparation, progression, and success of Providence College students from the moment they step onto campus. The Center's staff is dedicated to providing students a solid foundation for academic, personal, and professional excellence, and our various programs and leadership opportunities reflect this commitment. The Center's programs include Advising & Registration Days and Fall Orientation for first-year students, the Dirigo Honor Society, the Leadership Fellows Program, the PC1G program for first generation students, and various other transition and leadership programs.

The Office of Community Standards

The Office of Community Standards helps students who have violated standards of behavior reconcile with themselves and the community. Guided by behavior change theories, Community Standards seeks to mitigate things preventing students from human flourishing. The office is committed to education, meaningful dialogue, accountability, and adherence to a disciplinary forum that is transparent, fair, and committed to student development.

Office of the Chaplain/Campus Ministry

The chaplains, staff, and student leaders who make up the Campus Ministry team at Providence College bring together students, faculty, and staff for prayer, worship, service, and learning. Campus Ministry promotes the building of a genuine Christian community through a vibrant sacramental life, which includes Sunday and daily celebrations of the Eucharist and regular opportunities to celebrate the sacrament of reconciliation. Through its many services and programs, Campus Ministry helps students explore their faith and serve their community. The goal of Campus Ministry is to help students integrate spiritual, academic, and personal growth.

The chaplain of the College is a Dominican Friar, who together with the other chaplains and campus ministers, is responsible for the pastoral care of the student body and works with the entire campus community. The chaplain is always available to help and support students in times of crisis or difficult decision making.

The chaplains and campus ministers reach out to students of all faiths to offer pastoral support and promote full spiritual and personal development. Recognizing the impact we can have on society by working together and sharing the gifts with which we have been blessed, Campus Ministry offers

members of the College community many opportunities to work for social justice through reflection groups, prayer vigils, and direct volunteer service to the local community.

Campus Ministry also seeks to help train future leaders for society and the Church. This is done through the peer ministry and retreats programs, as well as through lectures, workshops, and opportunities for involvement in ministry to the College faith community.

Recreational Sports, Activities & Organizations

Intramurals, Club Sports, and Recreational Fitness

Students who wish to participate in non-varsity sports have a wide variety of intramural, club, and recreational sports to choose from at the College.

Intramural sports provide physical competition in a variety of sports and skill levels and encourage respectable competition and good sportsmanship. The Intramural Athletic Board (IAB) is composed of approximately 15 students who support the Department of Recreational Sports in organizing, scheduling, and overseeing intramural competition.

Among the intramural sports currently offered are: flag football, ice hockey, soccer, 3-on-3 basketball, 5-on-5 basketball, softball, lacrosse, volleyball, field hockey, badminton, table tennis, spikeball, handball, wallyball, kickball, dodgeball, inner tube water polo, ultimate, and wiffleball. The IAB frequently hosts a number of one-day tournaments to introduce new sports for participation.

Club sports include men's and women's rugby clubs, men's and women's volleyball, men's and women's soccer, ultimate, men's ice hockey, racquetball, golf, field hockey, figure skating, wrestling, men's and women's basketball, men's and women's lacrosse, cycling, running, swimming, tennis, and the sailing club. Physical fitness, recreational activities, and fitness classes are also provided based on established interest. A variety of fitness classes are offered, as well as personal training.

Student Activities & Cultural Programming

The College provides a vibrant calendar of educational and social events. The College also supports over 100 organizations for students to build relationships, expand their knowledge, gain leadership skills, and try something new. At the beginning of each semester, the Involvement Fair provides information about clubs, and an opportunity for students to speak with current members to learn more.

Board of Programmers

The Board of Programmers (BOP) sponsors cultural, social, and recreational programs designed to promote human flourishing and to complement academic programs. Popular programs include bi-weekly coffeehouses, lectures, concerts, and trips to the Providence Performing Arts Center, Fenway Park, and Broadway.

Residence Life/Student Housing

All members of the freshman, sophomore, and junior classes must reside on campus, with the exception of those who commute from the home of a parent or guardian, are married, or have a compelling reason to reside off campus. All students who reside on campus must be full-time students in the day school and regularly attend the classes for which they are registered. All students who reside on campus must do so for the entire academic year; thus, residential students are responsible for all charges associated with that one-year commitment.

Students who have been approved for participating in study abroad or the Washington Semester program and require on-campus housing for one of the two semesters during the same academic year must apply and receive permission from the Office of Residence Life. Exceptions to the provisions in

this paragraph are for extraordinary circumstances only and rarely granted, and must be obtained in writing from the Office of Residence Life.

The housing contract for resident students is binding for the entire academic year. Students residing in an apartment complex are charged a room fee and may elect any meal plan offered by the College. Students residing in the traditional halls or suites are required to purchase at least a minimum meal plan as prescribed by the College. The contract for room and board terminates 24 hours after one's final examination in May. However, exemptions may be granted by the Office of Residence Life.

In the apartment complexes, suites, and traditional halls, rooms are fully furnished. Students are responsible for bringing their own linens, pillows, blankets, and personal items. The apartment complexes, suites and traditional halls follow the academic calendar and are closed during the vacation periods. Any exceptions to the aforementioned must be approved by the Office of Residence Life.

Every residential building provides Internet and cable TV access, a laundry facility, and study lounge space.

Traditional Residence Halls

The College has eight traditional residence halls with single, two-, three-, and four-person rooms, predominately occupied by freshman and sophomore students. These traditional halls are gender-specific by floor and/or building and are secured by the College's card access system. Each building has its own unique setting and environment.

Apartment Complexes

The College has five apartment-style student residence buildings. Three buildings are comprised of two- or three-person bedrooms, with an adjoining common living area that accommodates four, five, six, or seven persons per apartment (two to three bedrooms). All apartments provide full kitchens (including a dishwasher) and are fully furnished. A garbage disposal and microwave are not included in the kitchens. Students are responsible for providing their own cookware, eating utensils, and cleaning supplies.

The Suites

In addition to apartment-style living, the College offers suite-style residence living. The suites feature two- or three-person bedrooms, with an adjoining common living area that accommodates four, five, six, or seven persons per suite (two to three bedrooms). Each suite provides an efficiency-style area equipped with a refrigerator, a microwave, sink, and countertop space.

Citizenship & Off-Campus Life

The office of Citizenship and Off-Campus Life provides support for students living off-campus. The office advises the Off-Campus Coalition as well as serves as a liaison for the neighborhood. Providence College expects all students to abide by the "Good Neighbor Policy". A cornerstone of off-campus living is citizenship in which students are provided opportunities to engage in on-going service in the community. The office also supports service groups and coordinates Urban Action, a three-day volunteer project for incoming first-year students.

All freshman, sophomore and junior students are required to live on-campus. Only seniors are allowed to apply to live off-campus. Students are advised not to sign leases until that permission has been granted. Graduate students, married students, and local students living with parents are exempt from this permission requirement.

All students living off-campus, including commuter students, are required to register their local off-campus address, current telephone number, emergency contact phone number, and email contact information with the Office of Citizenship and Off-Campus Living by the beginning of the second week of classes by emailing housing@providence.edu.

Safety Resources

The Office of Public Safety provides service to the campus community 24 hours a day, 7 days a week, 365 days a year. The Office strives to ensure that members of the College community learn, work, and live in safe and secure environments. Members of the community share this responsibility and are expected to help the Office of Public Safety identify and report behavior that constitutes a violation of College policy and/or criminal law, and to take reasonable safety precautions. Providence College's Annual Security and Fire Safety Report is available at <http://www.providence.edu/safety/Documents/safety-report.pdf>.

Varsity, Athletics, Recreational & Leisure Facilities

Varsity Athletics

Providence College has a rich athletic tradition. The Friars play an active role in intercollegiate athletics through membership in the NCAA, ECAC, HOCKEY EAST Association, America East Conference, and The BIG EAST Conference. The Dunkin' Donuts Center, with a seating capacity of just under 12,000, serves as the home court for the men's basketball team.

On-campus athletic facilities include the Peterson Recreation Center, the Joe Mullaney Gymnasium in Alumni Hall, the recently renovated Schneider Arena, and four large field and recreational areas. These include the Marjorie D. Lennon and Rev. Joseph L. Lennon, O.P. Field (an artificial-turf field) for intercollegiate and recreational purposes, and the new Hendricken Field, which includes the Ray Treacy 100-meter track, as well as a turf field for rugby and soccer.

Peterson Recreation Center

The Peterson Recreation Center is the hub of all intramural athletics and recreational activity at Providence College. The Center is available for use by all eligible members of the College community. It is home to the Cuddy Racquetball Complex, and the Taylor Natatorium, a 25-meter pool. The Cuddy Racquetball Complex has three courts with observation windows and a fitness studio where a wide variety of group fitness classes are taught.

Alumni Hall-Joe Mullaney Gymnasium

Alumni Hall is the home of Joe Mullaney Gymnasium, which has a 2,620-seat capacity and serves as the home court for the women's basketball and volleyball teams. It also serves as the practice court for the men's basketball team. It provides offices for the athletics and military science departments. It also houses strength and conditioning facilities, a food court, and other learning and training facilities.

Concannon Fitness Center

Opened in September 2007, the Concannon Fitness Center is a 23,000-square-foot addition to the Peterson Recreation Center and Alumni Hall. It features a three-story glass atrium, 11,500 square feet of space on the first level for cardiovascular and selectorized strength equipment, 4,600 square feet of space on the second level for cardiovascular equipment and plate-loaded strength equipment, and 2,700 square feet of space on the second level for free weights. The Center also includes a 3,600-square-foot varsity athletics weight room.

Friar Field Hockey and Lacrosse Complex

The Friar Field Hockey and Lacrosse Complex is an artificial-turf facility that opened in September 2005. This multi-million dollar facility serves as the home of the Friar field hockey and lacrosse teams.

It also is used by intramural teams. The artificial-turf field was dedicated as the Marjorie D. Lennon and Rev. Joseph L. Lennon, O.P. Field in 2010. Located beneath the complex is the Peterson Garage.

Schneider Arena

Schneider Arena, with a seating capacity of 3,030, is the home of the Friar hockey teams. The arena provides student activities such as ice skating and intramural hockey.

Slavin Center

Slavin Center, the student union, is one of the main hubs of the Providence College campus and is home to the College's many student organizations and clubs. It also houses a variety of offices and facilities that provide services to students, from the Office of Student Housing (Residence Life and Off-Campus Living) and the Providence College Bookstore to the Center for Career Education & Professional Development, the Dean of Students Office, and '64 Hall, which serves as a meeting room, lecture hall, and function hall. The Alumni Hall Food Court is accessed through the lower level of Slavin Center. The Balfour Unity Center, also in lower Slavin, features multicultural art, hosts programs, is a place to study, and a popular meeting space for student clubs and organizations. The Living Room, in lower Slavin, features a fireplace and is a cozy place to study or hold informal meetings, and Dunkin Donuts is also located in lower Slavin. During the academic year, Slavin Center is open twenty-four hours a day, seven days a week.

McPhail's Entertainment Facility

Slavin Center houses McPhail's Entertainment Facility, a multipurpose student facility where students can gather throughout the week to socialize with friends, grab a snack, shoot a game of pool, or watch the big game on a wide-screen TV. A number of special entertainment offerings are promoted on a weekly basis throughout the academic year.

Enrollment Services

Contact Information

Phone: 401.865.1033

Location: Harkins Hall 310

Confidentiality of Student Educational Records

The Family Educational Rights and Privacy Act ("FERPA") of 1974, as amended, is a federal law governing the privacy of personally identifiable information in student educational records that provides specific rights to students with respect to those records. A student is any person who attends or has attended the College. Education records are any records (in handwriting, print, tapes, film, computer, or other medium) maintained by the College or an agent of the College that are directly related to the student. Education records include financial aid, academic, disciplinary and health records, and other personally identifiable information.

A personal record kept by a faculty or staff member if it is kept in the sole possession of the maker of the record, is not accessible or revealed to any other person except a temporary substitute for the maker of the record, and is not used for purposes other than a memory or reference tool, is not an educational record. Grades on peer-graded tests or assignments before they are collected and recorded by a faculty member are not educational records. A record created and maintained by the Office of Safety and Security for law enforcement purposes is not an educational record. An employment record of a person whose employment is not contingent on the fact that he or she is a student is not an educational record. A record made or maintained by a physician, psychiatrist,

psychologist, or other recognized professional or paraprofessional, if the records are used only for treatment of a student and made available only to those persons providing the treatment, is not an educational record (other laws protect the confidentiality of medical or treatment records). An alumni record that contains information about a student after he or she is no longer in attendance at the College and that does not relate to the person as a student is not an educational record.

A student has the following rights: to inspect and review his or her educational records; to request an amendment to a record that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA; to provide written consent before the College discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent; and to file a complaint with the Family Policy Compliance Office of the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. In accordance with FERPA, the College provides annual notice to students regarding these rights.

The College's policy is to release information from a student's educational record directly, and only, to that student. There are a number of exceptions to this non-disclosure policy, including one for health or safety emergencies. The law permits the College to disclose otherwise private and confidential information from an education record to appropriate parties in an emergency situation if knowledge of the information is necessary to protect the health or safety of the student or other individuals. Appropriate parties may include school officials, parents, law enforcement authorities, emergency responders, public health officials, medical personnel, and other members of the community.

The College is permitted, with or without a student's consent, to inform parents when their student has violated any law or College policy regarding the use or possession of alcohol or a controlled substance if the student is not yet 21 years of age. The College is permitted to disclose to anyone the final results of a disciplinary proceeding conducted against a student who is an alleged perpetrator of a crime of violence or a non-forcible sex offense if it is determined that the student committed a violation of the College's own rules or policies with respect to such crime or offense. In any disciplinary proceeding alleging a crime of violence or non-forcible sex offense, both the accuser and the accused will be informed of the final results and any sanction imposed against the accused.

The College is permitted to disclose any and all education records, including disciplinary records, to another institution at which a student seeks or intends to enroll if that information is related to the student's enrollment or transfer; this includes but is not limited to updated or corrected information.

The College discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with a legitimate educational interest in the records. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including Safety and Security staff and Student Health Center staff); a person or company with whom the College has contracted as its agent to provide a service instead of using College employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest in the educational record if the official needs to review the record in order to fulfill his or her job-related responsibilities.

Disclosure without consent is permitted when the College is returning records to the apparent creator (e.g., of a transcript or letter) to verify authenticity. Disclosure without consent is permitted to comply with a judicial order or lawfully issued subpoena, provided the College makes a reasonable effort to notify the student of the order or subpoena prior to release unless the subpoena specifies that notice is prohibited.

Disclosure without consent is permitted to lending institutions in connection with an application for or receipt of financial aid. Disclosure without consent is permitted to Veterans Administration officials.

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expand the circumstances under which education records and personally identifiable information (PII) contained in such records - including Social Security Numbers, grades, or other private information - may be accessed without the student's consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities ("Federal and State Authorities") may allow access to student records and PII without the student's consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education," such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to education records and PII without the student's consent to researchers performing certain types of studies, in certain cases even when we object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive a student's PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without student's consent PII from education records, and they may track participation in education and other programs by linking such PII to other personal information about the student that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

A student has the right to block the release of directory information. Directory information is student data not generally considered harmful or an invasion of privacy if disclosed; the College, at its discretion, may release directory information. Currently, directory information is limited to the following: name; address (local and permanent); telephone listing (local and permanent); e-mail address; date and place of birth; major field of study; class year; participation in officially recognized activities and sports; height/weight of members of athletic teams; enrollment status (e.g., full-time or part-time); dates of attendance; degrees and awards received; and previous education institutions attended. A student may, to the extent permitted by FERPA, block the release of directory information by filing timely, written notice with the Office of Enrollment Services.

All personally identifiable information not included as directory information is confidential. That information includes, but is not limited to, the following: name of a student's parent(s) or other family members; address of a student's family; a personal identifier such as social security number or student number; race/ethnicity; gender; a list of personal characteristics; academic evaluations and grades; transcripts and other academic records; scores on tests required for a new student; and a student's class schedule.

If a student wishes to authorize disclosure of confidential information to parents/guardians or any other designated individual, institution, or entity, a Release of Information Authorization Form must

be filed with the Office of Enrollment Services, Harkins Hall, Room 310. Once the appropriate written authorization by the student is received in this office, designated individuals may be informed of the student's status at Providence College with respect to grades, academic standing, and financial obligations; this authorization remains in effect for as long as the student is enrolled at the College. If at any time after submission of the form the student wishes to revoke consent or modify the list of individuals, institutions, or entities authorized to receive confidential information, a new authorization form must be completed and submitted to the Office of Enrollment Services.

Students may obtain more detailed information about FERPA, including the procedures for exercising their rights, in the Office of Enrollment Services, Harkins Hall, Room 310.

Complaints concerning alleged failures by the College to comply with the requirements of FERPA may be filed with the U.S. Department of Education. The name and address of the office that administers FERPA are:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, S.W.
Washington, DC, 20202-4605

Report of Grades

Grades are issued twice each semester. Mid-semester grades are advisory in nature. Grades awarded at the end of the semester become part of the student's official record.

Grades, once submitted to the Office of Enrollment Services, will not be changed without the written approval of the Office of the Dean of Undergraduate and Graduate Studies. Students are entitled to access their mid-semester and final grades via the CyberFriar online system provided all administrative, disciplinary, and/or financial obligations to the College have been fulfilled. Official final grade mailers are sent to student mailing addresses by request only. Students have the option of requesting a grade mailer for a given semester or every semester. A "Final Grade Mailer Request" form must be completed in the Office of Enrollment Services. Official transcripts may be obtained directly from the Office of Enrollment Services or requested online via CyberFriar. For detailed information on ordering transcripts, please visit the Enrollment Services Web site.

Course Registration

Upon notification of each semester's course offerings, students should immediately contact their faculty advisors to arrange a meeting to discuss their academic programs and course schedule options. Through the College's Web-based registration system (CyberFriar), students must enter a Registration Alternate Personal Identification Number (alternate PIN) in order to register for courses or make any adjustments to their schedule for a given term. Students must obtain this alternate PIN from their faculty advisor. After meeting with their advisors, students should refer to the Office of Enrollment Services' Web site for registration procedures.

Online Adjustment Period

Beginning with the registration period for a new semester and until each course has been able to meet for at least three contact hours, students are able to add/drop courses without penalty and manage their own schedules via the CyberFriar online registration. Online registration activity will not be possible when course registration overrides are required (e.g., overenrollment, prerequisites, courses

with instructor permission). Students should consult with their faculty advisors prior to creating and adjusting their course schedules.

Once each course has met for at least three contact hours, all online add/drop functionality for students will cease. In all cases, permission at varying levels will be required to add/drop courses.

Administrative Adjustment Period

During the second week of classes, students who wish to change their course schedules must complete a "Course Registration Adjustments" form. Forms are available in the Office of Enrollment Services and in the Office of the Dean of Undergraduate and Graduate Studies. Written authorization from both the instructor and department chair/program director are required to officially register for the course. Completed forms must be returned to the Office of Enrollment Services, Harkins Hall, 310.

Late Adjustment

Beginning the third week of the semester, any changes to student schedules must be done in consultation with the Office of the Dean of Undergraduate and Graduate Studies. Changes will not be processed in the system until the student understands all of the potential ramifications of dropping a course; these may include a "WD" grade or no refund. Adding a course after it has met for three contact hours requires written authorization from the instructor and department chairperson/program director of the course. Once a course has met for six contact hours, all schedule changes will additionally require approval from the Office of the Dean of Undergraduate and Graduate Studies. Students are subject to a \$150 late registration fee for each course. This fee will be added to the tuition bill unless sufficient reason for late registration is provided.

Pass/Fail Option

All eligible students desiring to take a course on a pass/fail basis must notify the Office of the Dean of Undergraduate and Graduate Studies no later than the deadline, as noted in the College's official Academic Calendar. Once a student elects the pass/fail grading option it is final and cannot be retroactively changed back to a standard letter grade (see Academic Calendar).

There will be no retroactive change of a standard to a pass/fail course.

Only one course per semester (with a maximum of four courses in total) may be taken on a pass/fail basis (option for freshmen begins with the second semester).

A student's cumulative grade point average for the previous semester must be at least 2.0.

Any course taken on a pass/fail basis must be selected from free electives.

Credits earned on a pass/fail basis will not be averaged in a student's grade point average.

Credits failed in a pass/fail course will be averaged as an "F" with quality grade points 0.00.

Courses excluded from pass/fail designation:

All courses designated as fulfilling Core Curriculum requirements.

All courses taken within a major or minor, either required or elective, that constitute the total credit hours required by the department (unless the course is only offered on a pass/fail basis).

A major or minor course taken as a free elective beyond the required credit hours for the program may be designated as pass/fail.

Audit Option

Students who attend class without the obligation of fulfilling class requirements and without credit are called auditors. Written approval of the Office of the Dean of Undergraduate and Graduate Studies and permission of the instructor must be obtained by any students who wish to enroll as auditors. The status of auditor must be determined within the first two weeks of the semester in which the course is taken. Normally, for full-time undergraduates, there is no charge for auditing a class.

Extra Courses

Students are able to take an extra course free of charge with permission of the class dean on a space available basis.

Cross-Enrollment

Juniors and seniors may, with sufficient academic justification and the expressed written consent of the Office of the Dean of Undergraduate and Graduate Studies, elect to take a maximum of one course per semester at another accredited institution of higher education. This option may be exercised only under the following conditions:

The total credit hours accumulated per semester normally shall not exceed eighteen (18).

The course must be justified academically as a reasonable extension of the student's academic program. Students must obtain written permission from their academic department chair or program director and then must seek final approval from the Office of the Dean of Undergraduate and Graduate Studies prior to enrollment.

The course may not be one offered by Providence College in any of its several divisions (undergraduate, graduate, or School of Continuing Education).

The full tuition must be paid to Providence College, and any cost incurred beyond the current cost per credit charge of Providence College must be borne by the student. No refund will be granted should the cost per credit be less than that charged by Providence College.

Students must be in good academic standing and, in the judgment of the Office of the Dean of Undergraduate and Graduate Studies, suitably prepared to benefit academically from this experience.

Students are not permitted to enroll in non-credit courses for cross-enrollment.

Courses completed through cross-enrollment registration are subject to the College's transfer credit policies (see Admission).

Language Consortium

The Association of Independent Colleges and Universities of Rhode Island (AICU Rhode Island) offers a Language Consortium program to students currently enrolled full-time in an undergraduate degree program at one of Rhode Island's private institutions of higher education (Brown University, Bryant University, Johnson and Wales University, Providence College, Roger Williams University, and Salve Regina University). This program gives our students the opportunity to enroll at any one of the consortium schools (on a "space available" basis) in language courses that are not offered at the home institution.

Repeating a Course

A student may repeat any course taken at Providence College. Various courses are defined as repeatable for credit such as performance-based courses or special topic courses where the content changes each semester. In all other cases, consultation with the class dean is required prior to registration to repeat a course with an earned grade from a previous semester. Students considering repeating a course should be aware that only the most recent grade and credits will be counted in the student's GPA or academic requirements, whether or not the course grade is higher than the earlier attempt. A repeated course is noted on the transcript with an "I" (included in GPA) or an "E" (excluded from GPA) to designate the relationship of the course to the student's academic record.

Course Withdrawals

Students may withdraw from courses beginning in the third week of the semester until one week before the last day of classes with the approval of the Office of the Dean of Undergraduate and Graduate Studies in consultation with the respective instructor. The dean will not allow a student to withdraw to circumvent a stated course policy which imposes a course grade of 'F' for academic dishonesty or other serious violations of course conduct. Appeals for withdrawals after this deadline will be adjudicated by the Committee on Academic Status.

Approved course withdrawals will appear on the student's official record with a grade of "WD." Course withdrawal forms to be completed by the student and the appropriate faculty member may be obtained through the Office of the Dean of Undergraduate and Graduate Studies.

Since many scholarship agreements require completion of a minimum number of credits each semester, it is especially important for recipients of said scholarships to consult with the Dean of Undergraduate and Graduate Studies when considering withdrawing from a course.

Academic Policies

Core Curriculum

Providence College is a Catholic and Dominican institution of higher education. This identity and the intellectual tradition that derives from it shape and inform the Core Curriculum and suggest the following mission-related goals:

1. In the tradition of St. Thomas Aquinas, our students should understand the essential compatibility of faith and reason, and the integrated and cohesive nature of reality and truth. Our students should pursue the highest ideals of Dominican education: the contemplation of truth, and the sharing of the fruits of contemplation with others.
2. In the Dominican tradition, study is undertaken not only for itself but for the benefit of others, and thus students should demonstrate a commitment to civic engagement and service to others informed by Catholic Social Teaching.
3. Our students should demonstrate an understanding of how philosophical and theological questions inform and guide the pursuit of the truth, therefore philosophy and theology should have an essential place in the Core.
4. Students should demonstrate a capacity for moral and ethical reasoning, including an understanding of the virtue-based ethics tradition, and how these ethical traditions can be applied to specific disciplines or fields of endeavor.
5. In the Dominican pedagogical tradition of the disputed question, students and faculty should be trained in the art of anticipating difficult questions from alternative perspectives and the use of reasoned argumentation in search of a broader understanding of important truths.
6. Since the pursuit of knowledge, understanding, and wisdom does not take place in isolation but in the context of community and the larger world, our students should:
 - demonstrate an integrated understanding of the important events, ideas, and cultural traditions that have shaped the world;
 - demonstrate awareness and understanding of other cultures, societies, and creeds;
 - demonstrate an understanding of the natural world and the importance of the intersections of scientific and humanistic modes of reasoning for understanding our place within it.
7. In the spirit of the Dominicans as the Order of Preachers, students should develop fundamental skills in critical, logical, and quantitative reasoning and should demonstrate the ability to speak and write in a clear, coherent, and well-informed manner.
8. Since the Judaeo-Christian tradition finds in creation an image of its Creator, and recognizing the importance of creativity and artistic expression in the Dominican tradition, students should develop the aesthetic dimensions of their minds and spirits.
9. Finally, students should demonstrate an understanding of the Core Curriculum as the heart and soul of a Providence College education. The Core should help illuminate the key questions of human existence relating to life's purpose and meaning.

Core Curriculum Requirements

The undergraduate degree requirements, including the Core Curriculum, is available at <http://www.providence.edu/academic-affairs/core-curriculum>.

The undergraduate degree requirements for all students include a Core Curriculum and the opportunity to concentrate in one or more major fields of study, as well as one or more minor or certificate programs. The distinctive liberal arts Core Curriculum prepares students for life and emphasizes characteristic features of a Catholic and Dominican education: the compatibility of faith and reason, the importance of virtue, and the pedagogy of disputed questions.

Major and minor programs afford students the opportunity to pursue areas of particular interest in greater depth. Requirements for each of the College's major, minor, and certificate programs are detailed in this catalog.

Core Curriculum Requirements

Development of Western Civilization (DWC) *16 credits*

The DWC requirement is 20 credits for Liberal Arts Honors students.

Foundational Component

1. Theology *6 credits*
2. Philosophy (3 credits of a non-ethics philosophy course + 3 credits of an ethics philosophy course) *6 credits*
3. Natural Science (inclusive of a "hands-on" component) *3-4 credits*
4. Social Science *3 credits*
5. Quantitative Reasoning *3 credits*
6. Fine Arts *3 credits*

Core Focus

2 courses *6 credits*

Learning Proficiencies*

1. Intensive Writing Proficiency (2 courses) *6 credits*
2. Oral Communication Proficiency *3 credits*
3. Cross-Cultural Understanding/Diversity Proficiency *3 credits*
4. Civic Engagement Proficiency *3 credits*

**Some proficiencies may be fulfilled through major core requirements.*

Development of Western Civilization (DWC)

The first three semesters consist of a team-taught seminar-style encounter with significant texts from western and other world civilizations. The fourth-semester consists of a team-taught colloquium. Building on the first three semesters, the advanced colloquium focuses on a specific, contemporary issue in the context of the western tradition.

Foundational Component

1. Theology

Two 3-credit courses: one from Core-designated 200-level courses and one from Core-designated 300-level courses.

2. Philosophy

Two 3-credit courses: one must be a Core-designated ethics course and the other must be a Core-designated course in a field of philosophy other than ethics.

3. Natural Science

One 3- or 4-credit course, Core-designated as inclusive of a "hands-on" component. Students who have not taken a high-school physics course are required to take a physics-based natural science Core course.

4. Social Science

One 3-credit course chosen from Core-designated courses, ordinarily in a social science discipline.

5. Quantitative Reasoning

One 3- or 4-credit course chosen from Core-designated courses that meet one of the course options listed below.

Option 1: Focus on the basic elements of statistics.

Option 2: Focus on the basic theory of differential or integral calculus.

Option 3: Introductory focus on the language and notations of set theory, propositional logic, and methods of proof.

Option 4: Introductory focus on the mathematics underlying some commonly encountered objects including, for example: present and future value, elementary probability, expected value, optimization, elementary graph theory, etc.

6. Fine Arts

One 3-credit course chosen from Core-designated courses, ordinarily in the fine arts.

Core Focus

To encourage depth of knowledge as well as an interdisciplinary perspective, students must take two courses as part of a Core Focus.

Option 1: Core Focus in a discipline. Consists of two approved courses in a language (modern or classical), science (physical or biological), social science (e.g., psychology, sociology, economics), fine arts (e.g., art, music, theatre, creative writing), or quantitative reasoning (e.g., math, computer science, statistics). Both courses must be from the same academic discipline and outside of one's major requirements.

A core focus in discipline may be fulfilled by courses in a minor, certificate program, or a second major taken in a discipline on the Core Focus in Discipline list.

Option 2: Core Focus in a theme. Consists of two linked courses that come from two different departments or programs, outside of one's major requirements, but addressing a similar topic/theme. Students will choose these thematically linked courses from an approved list.

The following programs fulfill the Core Focus requirement by virtue of completing all requirements for the degree(s)/program(s):

The Combined Plan Engineering Program (EPS 3-2 Program)

The Combined Degree Program with New England College of Optometry (Bio 3-4 NECO)

Secondary Education Programs (i.e., biology, chemistry, English, foreign language studies, history, mathematics, and physics)

Liberal Arts Honors Program

Music Education

Declaring a Core Focus

All students are required to complete the Core Focus requirement of the Core Curriculum. Students are required to officially declare their Core Focus by submitting the Declaration of Core Focus in Theme or Discipline online form by logging into CyberFriar, clicking on Student Services, Student Records, and then Declaration of Core Focus in Theme or Discipline. Students should plan to declare their Core Focus by the end of the sophomore year.

Learning Proficiencies

Intensive Writing Proficiency

Two Core-designated intensive writing courses with at least one at Level II. Level I and Level II courses each require a variety of writing assignments, totaling at least 5,000 words of out-of-class formal writing. Level II courses further promote students' insight, organization, and stylistic techniques with respect to their writing, beyond Level I.

Students with a high school grade point average lower than 2.50, as recalculated by Providence College, must complete Writing for College Success (WRT 100) successfully, prior to enrolling in an Intensive Writing I course.

Oral Communication Proficiency

One Core-designated oral communication course. Oral Communication Proficiency courses require students to present at least one formal oral presentation, along with a variety of other oral presentations. These courses instruct students in delivering oral presentations that are designed to be engaging; appropriate to the occasion, audience, and discipline; effectively communicate a clearly focused topic, a unified thesis and supporting evidence using language that is precise and concise.

Diversity Proficiency

One Core-designated diversity course. Students will demonstrate proficiency in diversity, understood as either cross-cultural or involving diversity within the American context.

Civic Engagement Proficiency

One Core-designated civic engagement course. Among other objectives, these courses offer students the opportunity to examine, in depth, a public problem or civic issue that concerns them.

Please see www.providence.edu/academic-affairs/core-curriculum for more information about the Core Curriculum, including a listing of courses that have been approved for specific requirements.

Selection or Change of Major/Minor

Exploration of Majors

Providence College encourages students to explore various majors before making a commitment to a particular major. Trained advisors are assigned to such undeclared students to help them in selecting an appropriate major. Freshmen may enter Providence College as undeclared, and any freshmen or sophomores may become undeclared if they have doubts about the major that they have selected. The declaration of some majors may need to be made earlier or may necessitate makeup work in the summer or winter sessions. It is recommended that students declare their majors by early February of the sophomore year in order to facilitate academic advisement and course registration procedures for the following fall semester, and no student is permitted to remain "undeclared" beyond the sophomore year.

1. Selection of Major

Students are responsible for the preparation of a satisfactory program of study developed in conformity with the requirements contained in this Catalog. The program should be planned in consultation with the department concerned. Faculty advisors act only in an advisory capacity, helping students to conform to the academic requirements set forth in the Catalog. Moreover, students are responsible for understanding and meeting the graduation requirements of their academic programs. Any modification of the application of any major department or program rule or regulation can be made only by securing written approval of the academic department chairperson or program director, along with final authorization from the Office of the Dean of Undergraduate and Graduate Studies. All students must officially declare a major prior to the beginning of the junior year.

2. Selection of Minor/Certificate Program

Students whose academic interests extend beyond their major discipline may enroll in a minor or certificate program with approval of the appropriate department chair or program director. Such a program, which normally consists of six (6) or seven (7) courses of at least three (3) credits per course outside of a student's major, includes specific requirements as determined by individual academic departments or programs. Students desiring to explore minor or certificate program options should confer with the appropriate department or program offering the specific minor or certificate program. Students must obtain the "Academic Program Adjustment Form" from the Office of Enrollment Services. This form must be completed and returned to the Office of Enrollment Services for processing. Formal declaration of the minor or certificate program should be in place no later than the end of the fall semester of the senior year, unless otherwise stipulated.

3. Change of Major

Students desiring to change from one major to another may request an academic program adjustment online by logging into CyberFriar, clicking on Student Services, Student Records, and then Change of Major. Students are expected to consult with their new academic department chairperson or program director to review all previously completed course work

and to determine their plan for completing all remaining degree requirements. Please note that some departments have special procedures to follow to request entry into their majors.

Special Curricular Programs

Students whose academic, intellectual, or vocational needs cannot be met within the normal departmental structure are encouraged to formulate curricular programs that meet their unique needs. Possible options available are:

1. *Double Major*

This program requires students to complete all the requirements of two academic programs. The "Academic Program Adjustment Form" may be obtained at the Office of Enrollment Services and, when completed and signed by the appropriate department chairpersons, returned to the Office of Enrollment Services. In cases in which one major would confer the bachelor of science degree and the other would confer the bachelor of arts degree, either one or the other degree will be conferred at the student's discretion by notifying the Office of Enrollment Services. The student's transcript will be annotated to show that the student completed a double major, e.g., physics/philosophy. Students wishing to pursue and earn double majors should expect to perform extra work and to complete credits beyond the minimum needed to complete a single degree program.

2. *Individualized Studies Major*

Students in good academic standing who wish to pursue a course of study not defined in any of the established majors in the College have the option to develop an individualized studies major which is usually interdisciplinary in nature. In order to develop an individualized studies major to be considered for approval by the College faculty, students must proceed as follows:

- a. Student will meet with the dean of his/her class year to discuss the proposed individualized studies major and review the required forms to be submitted for the review of the proposal for the major.
- b. Student will identify at least two full-time members of the Ordinary Faculty who will constitute a committee to sponsor the proposed course of study, approve the selection of courses that meet the breadth and depth expectations of all individualized studies majors, and monitor the completion of the course of study.
- c. Student and faculty sponsors will meet together as a committee to complete the proposal. Supporting documentation must include the student's typed proposal outlining overview and rationale for the program, proposed course of study, fulfillment of College requirements, and estimated completion calendar. In addition, recommendations by all faculty sponsors involved in the program must be submitted, along with forms acknowledging the proposal's review by appropriate academic department chairs.
- d. Student will meet with the academic department chairs of those departments in which the program's faculty sponsors hold appointment. Department chairs will have the opportunity to review and comment on the proposed program and will be asked to identify any issues (e.g. course availability) that may prevent the student from completing the program in a timely manner.

- e. Student will arrange an appointment to meet again with the dean of his/her class year. Student will submit his/her completed individualized studies major proposal to the dean for review.
- f. If the dean agrees that the proposal satisfies the minimum requirements for all individualized studies majors (e.g., fulfillment of all Core Curriculum and general education requirements, minimum of 10 courses from two or more disciplines, identification of courses to be used in determining major GPA, at least two-thirds upper-division courses for major, a course of study not possible within existent programs, faculty sponsorship), s/he will forward the proposal to the Committee on Studies for review.

Normally, the student will submit a proposal for an individualized studies major no later than the beginning of the spring semester of the sophomore year. For more information, please consult with the Office of the Dean of Undergraduate and Graduate Studies.

Specialized Assistance

Students who declare double majors or individualized programs should seek advice from all involved departments or programs.

General Degree Requirements

All students must meet the following criteria to be eligible for the bachelor's degree:

1. (2) Minimum 2.00 (4.00 scale) cumulative and major grade point averages.*

**Some majors/programs may have higher credit-hour and/or GPA requirements.*

3. Normally, unless otherwise stipulated, or with permission of the department chair or program director, students may not begin their senior year in any major in which they have not achieved a 2.0 cumulative average in their major subject(s).
4. Students are responsible for meeting the graduation requirements of their major curriculum. Modification of any departmental rule can be made only with written approval of the chair of the department or program director in consultation with the Office of the Dean of Undergraduate and Graduate Studies.
5. At least half of the courses/credits required for the major, minor, or certificate program must be successfully completed at Providence College or through an officially affiliated program. Some academic programs may require more than half of their requirements to be completed at Providence College.
6. Undergraduate students must spend at least eight semesters in full-time attendance, unless the period is reduced by advanced standing credit from another institution as reviewed and approved by the dean of undergraduate and graduate studies. The College reserves the right to allow graduation at the completion of seven semesters following the successful petition by students to the Committee on Academic Status. Appeals of the decisions of the Committee on Academic Status should be presented to the Provost and Senior Vice President for Academic Affairs, whose decisions will be final.

In order to be considered students in full-time attendance, students must attempt a minimum of 12 credit hours per semester. All students must spend their junior and senior years in full-time attendance at the College in order to graduate. Under the title of "Special Student," individuals may be permitted to register in a non-matriculated status.

Credit-Hour Requirements

A minimum of 120 credit hours is required for the degree. Students have the ability to take five courses beginning with the second semester of their first-year. Students have the ability to take an extra course (i.e., a sixth course), free of charge and for credit, on a space available basis. Students seeking to undertake course credit in excess of the normal number must have the approval of the dean of undergraduate and graduate studies. In order to complete a minimum of 120 credits to earn a bachelor's degree in eight semesters, students generally will need to take five courses during seven of their eight semesters. The value of each course is stated in terms of credit hours. A credit hour requires the equivalent of one classroom period of 50 minutes or a laboratory period of one to four hours per week throughout the term, as well as at least two hours of out-of-class student work.

Credit-Hour Deficiencies

Enrolling in one or more of the following may make up a deficiency in credit hours that the student has incurred:

1. An extra course in the undergraduate day school.
2. An approved extra course in the Providence College School of Continuing Education (SCE) or in an approved program.
3. An approved course in a summer school program.
4. An approved course in a winter intersession program.

Authorization for Requirements Substitutions

Courses taken outside of Providence College may be used to satisfy major or minor program requirements, or Core requirements, or other graduation requirements only with written permission of the Dean of Undergraduate and Graduate Studies.

It should be further noted that only grades of "C" or better are acceptable from summer school or intersession programs not taught at Providence College. Grades from these approved courses will be entered onto the Providence College transcript with a "T" and will not affect the Providence College GPA. Students are financially responsible for all charges incurred through enrollment in summer school or intersession courses.

Changes in Curricular Requirements

The College reserves the right to change the course and credit-hour requirements of any or all academic programs when such modifications are deemed necessary. All students must comply with the new requirements insofar as such modifications pertain to courses and/or credit hours yet to be completed. Such changes, however, will be made only for the purpose of more fully achieving the objectives of the curriculum.

Course Attendance/Rosters

The Office of the Dean of Undergraduate and Graduate Studies asks all instructors to verify the accuracy of their course rosters after the first week of classes. Students reported by instructors as "never attended" will be dropped from such courses. Each student's schedule is accessible through CyberFriar; students are responsible for making all schedule changes through appropriate and official procedures.

Class Attendance Regulations

Since the College recognizes the importance of class attendance, it reserves to the instructor the right to refer to the Office of the Dean of Undergraduate and Graduate Studies for appropriate action any student who, because of excessive absence or other classroom issues, causes his or her own or the work of the class to suffer. Class attendance is normally mandatory for all students. At the beginning of classes each semester, each instructor will normally announce his/her parameters for excused absences. Individual class attendance policies are often included on the instructor's course syllabus.

Class Absence Notification Policy

The Office of the Dean of Undergraduate and Graduate Studies will provide instructors with notification of anticipated class absences upon student request if one of the following conditions exists:

1. Documented medical condition or illness where an extended absence is anticipated;
2. Illness or death of immediate family member (parent, grandparent, sibling, child);
3. Student representing Providence College in an official capacity as recognized by the dean of undergraduate and graduate studies. Documentation from the appropriate department (athletics, academic department, etc.) may be requested.

If an instructor's stated attendance policy requires confirmation of a medical excuse for an extended absence, the instructor will ask the student to obtain such confirmation from the attending health provider (the Student Health Center or other). Privacy regulations require that such confirmation be requested by the student himself/herself.

Please note: Instructors and students should be aware that class absence notifications are strictly informational and advisory. Students should plan to meet with their individual instructors to discuss the effect of their class absences on their academic course responsibilities.

Grading

The combined results of examinations, assignments, classroom participation, and general evidence of regular and consistent application determine a student's standing in each subject. In grading, it is the responsibility of each member of the teaching faculty to give due weight not only to the degree of mastery of the subject matter manifested by the student in examination, but likewise to the degree of originality, correctness in expression, and conformity with approved forms for written assignments. The quality of work is indicated by the grading system.

Quality Grade Points

Quality grade points determine the student's grade point average (GPA). They are a measure of the quality of course work completed, while credit hours are a measure of each course's weighted value. For example, a student earns the following grades: 3-credit "A", 3-credit "B", 3-credit "C", and 5-credit "B". The quality points are computed as 3-credit "A" (12 quality points), 3-credit "B" (9), 3-credit "C" (6), and 5-credit "B" (15). The quality point average is 42 (total quality points) divided by 14 (total averaged

credit hours), which equals 3.00. (Note: the "cumulative" quality point average or "cumulative" grade point average includes all courses in the student's academic record.) See Grade/Quality Points Chart for specific details regarding the number of quality points assigned for specific grades.

Grade/Quality Points Chart

	Standard	Honors Courses
A Superior	4.00 points per each credit hour completed	4.00 points per each credit hour completed
A-	3.67 points per each credit hour completed	3.84 points per each credit hour completed
B+ Very Good	3.33 points per each credit hour completed	3.50 points per each credit hour completed
B Good	3.00 points per each credit hour completed	3.17 points per each credit hour completed
B-	2.67 points per each credit hour completed	2.84 points per each credit hour completed
C+ Above Average	2.33 points per each credit hour completed	2.50 points per each credit hour completed
C Average	2.00 points per each credit hour completed	2.17 points per each credit hour completed
C-	1.67 points per each credit hour completed	1.84 points per each credit hour completed
D+ Passing	1.33 points per each credit hour completed	1.50 points per each credit hour completed
D Low Passing	1.00 points per each credit hour completed	1.17 points per each credit hour completed
D-	0.67 points per each credit hour completed	0.84 points per each credit hour completed
F Failure	0.00 points per each credit hour completed	
P (Pass)	Passing in Pass/Fail Course; this grade is not computed in the GPA.	
AU (Audit)	Student attends class in non-credit capacity; this grade is not computed in the GPA.	
I (Incomplete)	Incomplete; becomes "NF" if not completed by mid-semester date of the following semester.	

LB (Lab Course)	Non-credit lab courses receive an auto-grade of "LB."
NF (Not Finished)	Course not finished within required time; this grade earns 0.00 quality points per credit hour.
NG (Not Graded)	Auto-grade of "NG" given to courses in which the co-requisite course is graded.
NM (No Mark)	Instructor has not submitted grade; becomes "NF" if not resolved by mid-semester date of the following semester.
WD (Withdrawal)	Approved withdrawal from a course; this grade is not computed in the GPA.

Note: This chart reflects the current grading system. For prior grading systems, please refer to previous Undergraduate Catalogs or the Transcript Guide on the Enrollment Services Web site. The College does not round grade point average; the official GPA is truncated to the hundredths digit.

Dean's List

Full-time students (12 credits minimum) who at the end of the semester have attained an average of 3.55 or better and no grade lower than "C," and with no incomplete grades ("I" or "NM"), are placed on the Dean's List for that semester.

Major/Minor GPA:

All students are expected to earn a minimum 2.00 GPA in their major and minor. Major and minor program GPA's are calculated in the following manner:

1. includes all courses required specifically for the major or minor, including those offered outside the "home" department or program;
2. includes all courses taken in one's major or minor discipline regardless of grade earned (excluding those subject to course "repeat" policies).

Policy on Incomplete Grades

Students will have until the mid-semester date of the following semester* to complete requirements for any course in which a grade of "I" is given, unless a written agreement, an Incomplete Grade Contract, signed by the student, the instructor, and the dean of undergraduate and graduate studies and filed in the dean's office by the end of the current exam period abbreviates this timeframe. Until that time, the GPA will be calculated on the basis of the completed courses (although Dean's List placement and scholarship considerations may depend upon completion of all courses before that date). After the deadline, any remaining "I" grade will be recorded as an "NF" (i.e. "Not Finished") which will earn 0.00 quality points per credit hour in the GPA. After this time, an "NF" can be changed to another (standard) grade only after a successful appeal to the Committee on Academic Status and with the approval of the instructor.

**The deadline for summer school incompletes will be mid-semester of the following fall semester. The deadline for the winter intersession will be mid-semester of the following spring semester. Exceptions to this deadline may be given in cases of deployment of students who are active duty personnel in the United States Armed Forces, National Guard, or Reserve.*

Transfer Credit

Please refer to the Admission section for specific information and policies related to transfer credits.

Final Exams/Assessments

Students have a right and an obligation to make up a missed examination if the examination was announced at least one week before its administration. (The term "examination" here means an examination scheduled for the full class period.) For students to avail themselves of the right indicated above, they must present, prior to the examination or within three days after its administration, a serious and verifiable reason why the examination was not taken at the scheduled time.

In the case of announced quizzes of less than a full-class period, students have a right and an obligation to consult with the instructor concerning a possible make-up quiz either prior to the quiz or within three days after its administration. Whether or not a make-up quiz is to be given will be determined by the instructor, with students retaining the right to appeal the instructor's decision to the departmental chairperson of the particular discipline involved.

Scheduled final examinations in all subjects are held at the close of each semester. Make-ups of missed final examinations must be completed by the mid-semester date of the following semester, unless this deadline is earlier in accordance with an "Incomplete Grade Contract" filed in the Office of the Dean of Undergraduate and Graduate Studies.

The College's policy on the scheduling of final examinations is highlighted in the *Faculty Handbook*: "It is understood that all faculty members have certain standard and continuing obligations: . . . to conduct semester examinations at the time and in the place designated. No change may be made with respect to the hour or locations of these examinations without clearance from the associate dean of enrollment services and the permission of the dean of undergraduate and graduate studies, except in the case of individual students who may be given permission by the course instructor to take the semester examination at another time because of illness or other sufficiently serious reason."

No official College events involving students should be scheduled during the official Reading or Final Exam periods, including regular-season athletic contests, music, or theatrical events, without the explicit permission from the dean of undergraduate and graduate studies. Intercollegiate athletics conference tournament competitions are excluded from this policy, as the College does not have direct control over the scheduling of such tournaments. The dean of undergraduate and graduate studies may consider other legitimate exceptions to this policy. Instructors should not request, and the dean of undergraduate and graduate studies will not allow, examinations or classes to be rescheduled during the semester's designated reading period.

Final Exam/Assessment Conflict Policy

Students who have three or more final examinations scheduled on the same day are considered to have an exam schedule conflict and may opt to have one of the exams rescheduled to another day during the exam period. Changes should be considered in the following order of increasing priority:

- courses fulfilling free electives;
- courses fulfilling core/minor requirements; and
- courses fulfilling major requirements.

After discussion with their professors, students must submit a written request to the Office of the Dean of Undergraduate and Graduate Studies no later than two weeks before the last day of classes for the semester. A make-up of a final exam must be taken during the "Conflict Exam Period" on the last day of the semester unless both student and instructor agree on an alternate date and time.

Academic Grievance Policy

The purpose of this policy is to provide students with a fair and timely resolution process at the most proximate level-as close to the source of concern-as possible. The following procedures should be used by a student who wishes to appeal a final course grade or to file an academic grievance. In some cases, a student's grievance may be more appropriately addressed by another College grievance procedure; for example, a student who believes that he or she has experienced discriminatory harassment may be advised to follow the grievance procedures provided in the College's anti-harassment policy.

Other than the appeal of a final course grade, circumstances in which a student may have cause to file an academic grievance include the following: the student claims that an instructor has failed to follow applicable College policies to the detriment of the student; or, the student claims that an instructor has habitually treated the student in an arbitrary or capricious manner to the student's detriment. These procedural steps do not preclude the student and instructor from attempting to resolve the matter at any time during the grievance process. The time frames provided for resolving the grievance may be adjusted for compelling reasons with an explanation and notice to the student and instructor. Once a student contacts an instructor, all academic records that may be relevant to the grievance should be retained until the matter is resolved.

Clarification Regarding Academic Grievances A student bears the responsibility for proving that a final course grade is incorrect. Instructors exercise professional judgment regarding academic matters, consistent with applicable College policies, and the College will not normally intervene or overrule the instructor at the request of a student who, for example, claims that an instructor's standards are too high, that assignments are unreasonable, or that other course-related practices or expectations applied to the class as a whole (e.g., an instructor's policy regarding attendance or missed deadlines) are unfair.

Informal Attempts to Resolve the Grievance 1. The College encourages reciprocal and respectful dialogue between the student and an instructor when there is a disagreement about a final grade or other academic decision. Accordingly, prior to filing a formal grievance and as soon as possible after the final grade is posted or the decision is made, a student must make a reasonable attempt to resolve the issue by communicating his/her concerns directly to the instructor (preferably in a meeting) and seeking clarification for the final grade or decision. Whenever possible, the instructor should respond to the student within ten (10) business days of receipt of the student's inquiry. 2. If the student is not satisfied with the instructor's response, if the student does not receive a timely response, or if the student is unable to contact the instructor owing to retirement, sabbatical, or other compelling reason, the student may attempt to resolve the grievance by discussing it (preferably in a meeting) with the chairperson of the department in which the course was taught in a timely manner, normally within the first two weeks of the semester subsequent to the semester in which the aggrieved decision occurred. The chairperson should respond to the student within ten (10) business days of receipt of the student's inquiry. 3. If the student is not satisfied with the chairperson's response, or if the student does not receive a timely response, the student may attempt to resolve the grievance by discussing it with the dean (or dean's designee) of the school administering the course within the next ten (10) business days. Whenever possible, the dean (or dean's designee) should respond to the student within ten (10) business days of receipt of the student's inquiry.

Formal Attempt to Resolve the Grievance: Academic Appeals Committee The College has established an Academic Appeals Committee to resolve formal academic grievances. The Committee consists of two faculty members, plus an alternate, selected by the president of the Faculty Senate; two student members, plus an alternate, appointed by the Student Congress; and two faculty members, plus an alternate, appointed by the president of the College. The chairperson is elected by the committee from among its appointed faculty members. A faculty or student member of the Committee shall recuse himself or herself from service in situations where there is a conflict of interest in fact or the

appearance of a conflict of interest; this member will be replaced by the Committee's alternate faculty or student alternates, respectively. The committee, when appropriate, shall seek the aid of qualified personnel, either from within or outside the Providence College academic community. 1. If a satisfactory resolution is not reached after the informal attempts are made, the student may file a formal, written complaint with the chairperson of the College's Academic Appeals Committee prior to the mid-semester date of the semester subsequent to the semester in which the aggrieved decision occurred. The written complaint should be as complete and factual as possible, with details regarding the specific nature of the grievance and the specific steps taken by the student to attempt resolution; a copy of all correspondence and other related material should be submitted with the complaint. Every reasonable effort will be made to preserve confidentiality. 2. Immediately upon receipt of the formal complaint, the chairperson of the Academic Appeals Committee will notify the instructor and provide him/her with an opportunity to submit a written account of the disputed matter. 3. Whenever possible, the Committee will convene, investigate, and deliberate within fifteen (15) business days of receipt of the formal complaint. After it reviews written submissions, the Committee will provide the student with an opportunity to present his/her complaint. The Committee will also interview the instructor against whom the complaint is made, and other members of the College community as deemed necessary. Members of the College community asked to provide information are mandated to cooperate with the Committee. The Committee's deliberations and the hearing will be closed to persons other than those who are directly involved. 4. Within five (5) business days of the final hearing, the Committee will communicate in writing its findings and recommendation(s) to the student and the instructor, with a copy to the school dean (or dean's designee). If the Committee determines that the student's grievance should be denied, the decision is final and the matter will be considered closed. If the Committee determines that the student's grievance has merit and the instructor adopts and implements the Committee's findings and recommendation(s), the matter will be considered closed. 5. If the Committee determines that the student's grievance has merit and the instructor declines to adopt and implement the Committee's findings and recommendation(s), the Committee will submit the grievance file, with its findings and recommendation(s), to the provost and senior vice president for academic affairs for consideration. The provost and senior vice president for academic affairs, who may consider the matter on written submission alone, will communicate his/her decision in writing to the student and the instructor, with a copy to the school dean (or dean's designee) within ten (10) business days of receipt of the grievance file. The decision of the provost and senior vice president for academic affairs will either uphold the recommendation(s) of the Committee in total or in part, or reverse the recommendation of the Committee, or return the case to the Committee for reconsideration. The decision of the provost and senior vice president for academic affairs shall be final.

Academic Standards

Academic standards are determined at the end of each semester within the academic year. All enrolled students are subject to the following regulations:

- I. **Minimum GPA for Good Standing;**
- II. **Probation; and**
- III. **Dismissal.**

The semester-by-semester progress toward degree completion varies by academic program, as does the number of credits to graduate (the minimum being 120). Students should consult the Academic Guidebook to plan each semester's coursework. Depending on the student's major, credits completed each semester can vary from 12-17 or more. By the end of their freshman year, students should have completed between 26 and 30 credits; between 57 and 60 credits by the end of their sophomore year;

and between 88 and 90 credits by the end of their junior year. Students who fall below the minimum earned hours for normal progress toward degree completion for their program will be notified of credit deficiencies by the Office of the Dean of Undergraduate and Graduate Studies.

Good Standing

Students in good academic standing have achieved the minimum cumulative grade point average required for class standing.

Academic Probation

Academic probation is a warning of severe academic danger. Students placed on probation are prohibited from enrolling in extra courses and from participating in extracurricular activities without the explicit permission of the dean of undergraduate and graduate studies. Probation remains in effect until the appropriate cumulative grade point average has been attained by successful completion of courses taken through Providence College (either in day, evening, summer, or winter session courses). Placement on academic probation becomes part of the student's official record and is reflected on the student's official transcript.

A student is placed on Academic Probation according to the following standards:

1. A student's CGPA falls below a minimum standard as indicated in the Academic Standards Chart below;
2. A student earns three "F" and/or "NF" grades in a single semester, or four "F" and/or "NF" grades cumulatively in two consecutive semesters.

Academic Dismissal

Students are dismissed from the College for academic deficiency under one or more of the following circumstances:

1. The student's cumulative grade point average is below the relevant standard on the Academic Standards Chart below.
2. The student remains on academic probation for two consecutive semesters.

Semester	Minimum CGPA For Good Standing	Probation		Dismissal	
		CGPA		CGPA	
End of 1st	1.60	below 1.60	Three "F" and/or "NF" grades in a single semester or four "F" and/or "NF" grades in two consecutive semesters	no dismissal	no dismissal
End of 2nd	1.80	1.58 - 1.79		less than 1.58	Two consecutive semesters on academic probation
End of 3rd	1.90	1.70 - 1.89		less than 1.70	

End of 4th	1.99	1.80 - 1.98	less than 1.80
End of 5th	2.00	1.90 - 1.99	less than 1.90
End of 6th	2.00	1.90 - 1.99	less than 1.90
End of 7th	2.00	1.90 - 1.99	less than 1.90
End of 8th	2.00	1.90 - 1.99	less than 1.90

Students who receive financial aid must comply with federal standards. The above may not reflect those standards. The College does not round grade point average; the official GPA is truncated to the hundredths digit.

Procedures Following Academic Dismissal

Appeals of Dismissals

A student dismissed from the College by reason of academic deficiency has the right to a hearing before the Committee on Academic Status to appeal his or her dismissal if the student believes the dismissal is improper. A request for an appeal, which should include the specific reasons why the dismissal is unwarranted, must be made in writing to the Office of the Dean of Undergraduate and Graduate Studies within the time frame noted in the letter of dismissal. Failure to appeal within the time frame stated will, under all but the most extraordinary circumstances, disallow such appeal. If a student appeals the dismissal decision, and the committee grants the appeal, the student will be permitted to return immediately to the College as a full-time, enrolled student; however, certain conditions may be imposed. If a student appeals the dismissal decision and the committee does not grant the appeal, the dismissal decision is final. In this case, the Committee will consider the student's petition for reinstatement.

Petition for Reinstatement

A student dismissed from the College by reason of academic deficiency has the right to file a petition for reinstatement. A petition for reinstatement, which should include the specific reasons why the petition has merit, must be filed in writing to the Office of the Dean of Undergraduate and Graduate Studies within the time frame noted in the letter of dismissal; otherwise, the petition will not be heard absent extraordinary circumstances. On a petition for reinstatement, the Committee on Academic Status may, at its discretion, allow a student who has been dismissed to be reinstated in the day school immediately, either in good standing or on probation, as appropriate. Alternatively, the Committee may choose to reconsider the petition for reinstatement if and when the student provides evidence of specified academic achievement through course work either in the School of Continuing Education (SCE) or at another institution. It may allow a student to be reinstated on academic probation as long as the student is making reasonable progress toward his/her degree. "Reasonable progress" is defined as maintaining a 2.25 GPA/12 credits each semester as monitored by the Office of

the Dean of Undergraduate and Graduate Studies until the student has achieved good academic standing.

If the Committee on Academic Status requires course work at another institution, or at Providence College's SCE, these courses may be considered for replacement of failed or withdrawn courses, but they may not count toward one of the semesters required for graduation.

The right to petition for reinstatement is limited to two academic dismissals. In most instances, students incurring a second dismissal must attend another institution, or Providence College's SCE, for at least one semester before petitioning for reinstatement. A petition for reinstatement may not follow a third dismissal except in rare instances.

Academic Integrity

Our Judaeo-Christian heritage and our commitment to the intellectual and moral growth of our students are central to the Mission of Providence College. We are committed to developing the habits of living a productive life that includes the conscious and public practice of integrity. Our Mission inspires us to pursue Truth, and to identify God as Truth, and thus we are committed to cultivating the virtue of honesty in all aspects of campus life, especially in our pursuit of Truth in the classroom. We recognize that violations of integrity are harmful not only to our own pursuit of Truth, but are detrimental to the entire learning community of our College in that they dishonor our efforts and compromise our dedication to a spirited pursuit of learning. To such an end, we expect our faculty, students, and administrators to support this culture of honesty, integrity, and respect for the Truth. We believe that the best way to assure that our community embraces a life-long commitment to integrity is through the full participation of students in the process of development and implementation of a policy that allows for practice of integrity among our entire College community.

1. Definitions and Responsibilities

A. Definitions

The principal violations of academic integrity include, but are not limited to, plagiarism, cheating, forgery, lying, and collusion. Types of academic activities governed by this policy include but are not limited to exams, quizzes, papers, graded homework, group assignments, online assignments, lab projects, lab reports, or any other assignments given by an instructor.

1. Plagiarism: copying or stealing the thoughts, ideas, descriptions, or arguments of another person and presenting them as one's own or attributing them to oneself.
2. Cheating: practicing deception or fraud by obtaining information in ways contrary to rules or instructions.
3. Forgery: creating a false document or altering a real one to be used as if genuine. This practice includes signing another's name without permission.
4. Lying: knowingly telling an untruth verbally or in writing, including knowingly telling instructors, deans, or other officials untruths.
5. Collusion: assisting or attempting to assist another student in an act of academic misconduct; working together on an assignment meant to be completed independently.
6. Fabrication: submitting contrived or altered information in any academic exercise, such as making up data, citing nonexistent articles, contriving events and sources of information.

7. Duplicate Submissions of the same work: submitting any work for the purpose of fulfilling a subsequent assignment without appropriate revision to meet the instructional goals of the current course. In cases of uncertainty or ambiguity, a student should consult with the instructor.

B. Responsibilities

1. Students: Students are expected to understand this policy and to exercise diligence in following it. They are to take credit only for work that they have completed through their own efforts within the guidelines established by the instructor. When aware of an instance of academic misconduct, students are expected to notify the instructor, department chair, or dean of undergraduate and graduate studies, with or without revealing the name of the person committing the violation.

2. Faculty: In each course, the instructor is expected to address students on academic integrity and how it applies to the assignments for that course; the academic integrity policy should be included among the other policies of the course that are articulated or referenced in the syllabus. Faculty members are expected to take appropriate measures to prevent the occasion for collusion, such as using different exams for separate testing periods. Instructors are expected to treat students in a fair and uniform fashion and to report each act of academic misconduct in accord with this policy.

II. Adjudication of Acts of Academic Misconduct

A. Initial Determination of Infraction

The instructor who observes or suspects an act of academic misconduct first must discuss the incident with the student(s). The instructor may request that his or her department chair be present at that discussion. The instructor is expected to treat the student(s) respectfully and fairly, and the student(s) are expected to respond honestly to the questions posed. If the instructor is convinced that an act of academic misconduct has occurred, he or she shall impose an appropriate sanction in the form of compensatory course work, a grade reduction, or a failing grade, consistent with the academic integrity policy of the course. The sanction should reflect the gravity of the infraction and the instructor's assessment of the student's intent.

In all cases where the instructor has determined that there has been a violation of academic integrity, he or she is required to report, in writing, the infraction to the student(s), to the chair or program director(s) related to that course, and to the dean of undergraduate and graduate studies, within 7 days of the determination that an act of academic misconduct has occurred; this timeframe may be modified for compelling reasons at the discretion of the dean of undergraduate and graduate studies. A form for this purpose is available online: <http://www.providence.edu/dean-office/undergraduate-students/Pages/forms.aspx>. Once the report is filed, the dean of undergraduate and graduate studies shall notify the student(s) in writing.

B. Review Process

1. Determination of Review

If the dean of undergraduate and graduate studies, in consultation with the involved parties (the student and the instructor), determines that the infraction is very grave, or if the student's file includes documentation of a prior finding of "responsible for violating the academic integrity policy," then she or he shall require that the case be reviewed by the Academic Integrity Review Board. In all other circumstances, the student is not obligated to proceed with a hearing before the Academic Integrity Review Board if he or she accepts the sanctions imposed by the instructor.

If a student feels that he or she has been wrongly accused of an infraction of the Academic Integrity Policy, or believes that he or she has been unjustly penalized for the same, he or she has the right to appeal to the Academic Integrity Review Board. If two or more students are jointly accused of the

same infraction, their cases will normally be considered individually, except in extraordinary cases as determined by the dean of undergraduate and graduate studies.

A student who wishes to appeal the instructor's conclusion that the policy has been violated and/or the specific sanction imposed by the instructor must appeal in writing to the dean of undergraduate and graduate studies. The student must submit his/her appeal within one month of receiving the instructor's sanction, unless the dean determines that extraordinary circumstances warrant an appeal filed later than one month after the student is notified. An appeal of an instructor's sanction can be initiated by the accused student only.

2. Academic Integrity Review Board

The Academic Integrity Review Board shall consist of 7 regular members:

- a) Two faculty members appointed by the president of the College, (one of whom will be designated by the president as the chair of the Board), and one faculty member appointed by the Faculty Senate;
- b) Three students selected by the dean of undergraduate and graduate studies, from a list of five nominees chosen by Student Congress. To be eligible for nomination by Student Congress, a student must not have been previously cited for an infraction of this Code and must not be currently under any individual disciplinary sanction from Student Affairs; and
- c) The dean of undergraduate and graduate studies, *ex officio*.

The president of the College will also appoint two faculty members as alternates, the Faculty Senate will appoint one faculty member as an alternate, and the Student Congress will nominate three student alternates. The dean shall exercise the right to vote only in the case of a tie. The term of each (non-*ex officio*) member shall be two years, commencing July 1 and ending June 30. The terms of office shall be staggered to allow for continuity on the Board. The members of the Board shall be appointed or elected in the spring semester for the following academic year.

If a student member of the Board is accused of a violation of the academic integrity policy, he or she shall not participate in the adjudication of the case. If the Academic Integrity Review Board issues sanctions against a student member, then that student member shall be removed from the Board. Student members of the Board have the responsibility to excuse themselves from deliberations if they have a familiarity with the accused student that creates a conflict of interest in fact or appearance. Faculty members of the Board have the responsibility to excuse themselves if they have been involved with the case prior to its coming to the Board. In such cases, the chair of the Academic Integrity Board shall select replacements on a case-by-case basis from the designated lists alternate members.

The Board shall conduct its business following the current version of Robert's Rules of Order. A quorum that includes both faculty and student representation is necessary for the Board to conduct business.

The chair of the Board shall keep a summary record of the number, type, and outcome of hearings, excluding any details that may identify the parties involved, and shall file an annual summary report with the dean of undergraduate and graduate studies and to the provost and senior vice president for academic affairs.

3. Processing of Cases by Review Board

Within 10 business days of a written appeal by a student or a referral by the dean of undergraduate and graduate studies (whichever date is the sooner of the two), the chair of the Academic Integrity Review Board must convene the Board to review a referred case. Time frames may be adjusted for compelling reasons, with notification and an explanation provided to the student and the instructor.

The Review Board shall consist of the members of the Academic Integrity Board plus one additional faculty member from the department or program of the instructor who reported the incident. That faculty member will be appointed by the chair of the Academic Integrity Board.

The chair of the Academic Integrity Review Board (or his/her faculty member of the Board designee) shall chair the hearing. During the review, 1) the instructor will have the opportunity to explain why he or she has judged that there has been an infraction of the academic integrity policy and, where the student has appealed the sanction, to explain the rationale, and 2) the student will have the opportunity to defend himself or herself against the charge of academic misconduct and/or to explain why he or she believes the instructor's sanction is not appropriate.

Both the instructor and the student have the right to have advisors who are members of the College community. The advisor's role is limited to providing support and consultation; the advisor may not actively participate in the hearing. Instructors and students may call witnesses or submit evidence, and each must submit his or her evidence of written documentation in writing and may appear before the Review Board. To help prepare for the hearing, accused students have the right to review all evidence in advance of the hearing. The Review Board may, at its discretion, meet separately with the instructor and the student involved. The hearing will be closed to persons other than those who are directly involved.

When the Review Board is satisfied that all relevant information has been presented, the chair will excuse the involved persons if they are in attendance. The Review Board will then deliberate on the evidence and make a decision on the case. A simple majority vote is required in all decisions. Within forty-eight hours, the chair will notify, in writing, both the student and the instructor of the outcome of the hearing. A copy of all outcomes will be filed with the dean of undergraduate and graduate studies. The dean will implement all decisions.

4. Sanctions Assigned by the Review Board

If a student is found, by simple majority vote of the Review Board, in violation of the College's policy on academic integrity and that the sanctions imposed by the instructor are not inconsistent with stated course policy, then sanctions previously assigned by the instructor will be upheld and the instructor's initial report will be placed in the student's file until three years after the conferral of the degree for graduation, at which point it shall be destroyed. The Review Board, after consultation with the instructor, may impose additional sanctions which may include, but are not limited to, suspension and dismissal.

If by majority vote the Review Board determines that the charge of academic misconduct is not supported, then the instructor's initial report will be destroyed, and the instructor will be informed that he or she should grade the assignment(s) in question on their merits. If a student wishes to appeal a final course grade, he or she should follow the College's policy on academic grievances.

C. Subsequent Offenses

If a report of academic misconduct submitted to the dean of undergraduate and graduate studies turns out to be a second offense for that student, the report will be submitted to the Review Board for a hearing. During the hearing, the student may challenge the academic misconduct charge, or the student may admit sufficient facts to constitute a second offense. If the Review Board upholds the instructor's finding of misconduct, the Review Board will determine an appropriate sanction, taking into consideration all relevant factors, including the arguments presented by the student and instructor.

If a student is found responsible for a second offense of misconduct, the student shall be suspended from the College for one semester; however, the Review Board has authority to evaluate relevant

factors such as intent, severity, and other circumstances, and to impose a sanction that does not include suspension. If the Review Board decides to impose a sanction other than suspension, it shall articulate in writing its reasons for doing so.

If a student is found responsible for a third offense of misconduct, the student shall be dismissed from the College; however, the Review Board has authority to evaluate relevant factors such as intent, severity, and other circumstances, and to impose a sanction that does not include dismissal. If the Review Board decides to impose a sanction other than dismissal, it shall articulate in writing its reasons for doing so. According to the determination of the dean of undergraduate and graduate studies, suspension and dismissal shall be effective either immediately or at the conclusion of the semester in which the determination of the violation of policy occurred.

D. Final Appeals

1. Appeals of sanctions of suspensions or dismissals: A student may appeal a suspension or dismissal from the College for reasons of academic misconduct to the provost and senior vice president for academic affairs of Providence College. Such an appeal must be submitted in writing within 5 business days of the chair of the Review Board's notification to the student. Possible appellate grounds are: i) alleged procedural errors that could have affected the determination of the Review Board; ii) newly discovered facts not previously available or known that could have had a significant impact on the determination of the Review Board; and/or iii) a request for review of the sanction and the rationale for such a review, including any mitigating circumstances. The provost and senior vice president for academic affairs will decide the appeal based on a meeting with the student and/or written submissions. The provost and senior vice president for academic affairs will issue an appellate decision within 10 business days of the appeal. The provost and senior vice president for academic affairs may affirm the Review Board's decision, remand the matter to the Review Board with instructions for further review, or dismiss the charges.

2. Appeals of sanctions of dismissal: A sanction of dismissal for academic misconduct that is affirmed by the provost and senior vice president for academic affairs may be appealed by the student to the executive vice president. The appeal must be filed in writing by the student within 5 business days of the Review Board's notification to the student. The executive vice president will decide the appeal based on a meeting with the student and/or written submissions. The executive vice president will issue an appellate decision within 10 business days of the date of the appeal. The executive vice president may affirm or amend the decision of the provost and senior vice president for academic affairs. Decisions made by the executive vice president are final.

E. Maintenance of Records

Records of offenses and sanctions will be maintained in the student's file in the office of the dean of undergraduate and graduate studies for a period of 3 years after the conferral of the degree for graduation.

Leave of Absence

Students may determine that extraordinary personal, medical, or financial circumstances necessitate a postponement of their normal academic program, and they may submit a request for a leave of absence to the dean of students (or designee). The dean of students, after consulting with other College officials, may grant the request for a leave of absence to last for no longer than four semesters (2 full academic years). When students believe that they are ready to return from a leave of absence, they must contact the dean of students by December 1 for reactivation for the spring semester and August 1 for reactivation for the fall semester. Depending on the circumstances that led to the leave of absence, students may be required to submit to the dean of students supporting documentation

from treatment providers and/or others. For additional information about leaves of absences, their conditions and consequences, and procedures for returning to full-time academic status at the College, please contact the Office of the Dean of Students. Normally, students on a leave of absence are not expected to be involved in course work that advances their academic status upon return to Providence College. Permission may be granted in individual cases by the dean of undergraduate and graduate studies for enrollment in specific courses for the purpose of accepting course credits toward students' credit total at the College. Students considering or taking any type of leave of absence are strongly advised to contact the offices of the bursar and financial aid (as applicable) to determine financial implications of their decision, and the dean of undergraduate and graduate studies to review how the leave will affect the anticipated graduation date. Additionally, students considering or taking any type of leave of absence should provide notice to the appropriate academic dean and academic advisor.

Voluntary Withdrawal from College

Students who wish to voluntarily withdraw from the College are required to make proper notification in person or in writing to the dean of undergraduate and graduate studies. Students who voluntarily withdraw can do so only under the following conditions:

1. A previous discussion of withdrawal must occur with the Office of the Dean of Undergraduate and Graduate Studies, and
2. The academic record must indicate the student is not eligible for academic, disciplinary, or financial dismissal.

Procedures for readmission may be obtained from the Office of the Dean of Undergraduate and Graduate Studies.

Interrupted Program of Study

If a student engaged in undergraduate study leaves the College for a significant period before completing the degree, courses will be counted toward the program of study only if the time period of interrupted study is less than 10 years. That is, the period between the last and present (or new) enrollment does not exceed 10 years.

In special circumstances, courses completed more than 10 years previously may, at the discretion of the appropriate dean, be counted toward a degree, if, in the judgment of the dean, the College's curricular requirements and the content of those courses have not undergone significant change during the period of interrupted study.

Courses completed 10 or more years previous to any current enrollment will not be counted in the student's grade point average, unless the appropriate dean has made specific course exemptions from this policy. The transcript will indicate separate sets of courses, those completed 10 or more years previous to a new or continued enrollment and those rostered after the student's return to the College.

Academic Amnesty

A student applying for readmission to Providence College after a leave of five or more years may present to the dean of undergraduate and graduate studies a petition for academic amnesty for academic work completed five or more years previous to the term of readmission.

Academic amnesty, if allowed, will remove from any calculation of the student's grade point average and from any calculation of courses or credits needed, all work that was completed during the period

for which academic amnesty has been granted. At the time of the application for readmission, the student must file an application for academic amnesty and must acknowledge in writing that, once academic amnesty has been granted, it will not be rescinded.

Academic amnesty will not be on a course-by-course basis and will apply to all terms and therefore all courses and credits completed at Providence College during the period for which amnesty is granted. Amnesty may not be granted on a selective term-by-term basis. The student must identify the term at which academic amnesty begins; the award of academic amnesty will then cover all course work undertaken from the beginning of the amnesty period to the time of application for readmission.

Academic Internships

Academic-Year Internships

Juniors and seniors in good academic standing are eligible to participate in academic internships, which typically take place over the course of one semester and offer three credit hours. Students may earn no more than six internship credits toward their degrees. An internship is a structured, supervised work situation that enables a student to gain practical experience and exposure to a particular career/professional field. Internships take place in a variety of business, government, and nonprofit settings.

Interested students are encouraged to consult with the academic department related to their internship interest and the Associate Director for Internships in the Center for Career Education & Professional Development.

All students participating in academic internships have both a faculty supervisor and a site supervisor. The academic department/program will assign or assist students in the selection of a faculty supervisor. The faculty supervisor oversees the academic components of the internship while the site supervisor oversees student performance at the internship site.

The specific guidelines for academic internships vary by academic department/program. These guidelines offer details about course registration, prerequisites, faculty supervision, grading, time commitment, requirements, and deadlines. Academic internships typically require a time commitment of 8-12 hours per week at the internship site and may or may not include a weekly seminar. Academic requirements are at the discretion of the academic department/program and/or faculty supervisor.

All students participating in academic internships are required to complete and submit the Learning Agreement for Internships and Field Experiences. The completed form specifies the internship description and learning objectives, and also outlines the responsibilities and requirements of all participating parties.

The Learning Agreement is to be completed by the student in direct consultation with the faculty and site supervisors and submitted to the Associate Director for Internships in the Center for Career Education & Professional Development no later than the third Friday of the semester of enrollment.

Non-credit internship opportunities are also available. Students can consult a Career Coach in the Center for Career Education & Professional Development for more information.

Summer Internships

Providence College full-time day students may enroll in a summer internship for academic credit. Rising juniors or seniors are typically eligible and should note the following when considering a summer academic internship:

1. Students must initiate the process for summer academic internships by meeting with the Associate Director for Internships in the Center for Career Education & Professional

Development to review procedures for course approval and course enrollment, and to obtain the College Learning Agreement for Summer Internships and Field Experiences.

2. Students must also obtain summer course approval from the Office of the Dean of Undergraduate and Graduate Studies.
3. Students are responsible for securing a College faculty member from a department related to the internship to serve as their internship faculty supervisor throughout the term of the internship. Students who are having difficulty securing an internship faculty supervisor should consult with the Office of the Dean of Undergraduate and Graduate Studies.
4. Registration and payment for summer academic internships is processed via the School of Continuing Education (SCE).
5. Students are required to complete and submit the Summer Learning Agreement for Internships and Field Experiences form (available from the Associate Director for Internships in the Center for Career Education & Professional Development). The Learning Agreement should be completed with the assistance of the internship faculty supervisor and the internship site supervisor.
6. Summer academic internships are three-credit courses. Registration is processed via the School of Continuing Education with the approval of the relevant department chair/program director. Students will be charged the SCE internship rate sufficient to cover the internship supervisor's stipend. If all the academic work required in the course cannot be completed in the summer, then the student should be given an incomplete (I) rather than registered for a fall semester internship. The Learning Agreement for Summer Internships and Field Experiences form MUST be completed and submitted to the College internship coordinator within two weeks of the start of the summer internship. All arrangements, including registration for summer academic internship credit, must be made no later than the start of the second SCE Summer Session (third week of June).

Graduation Honors

According to the level of excellence of one's work, a student may graduate with the distinction of *cum laude*, *magna cum laude*, or *summa cum laude* as indicated below:

<i>Honors Designation</i>	<i>Cumulative Grade Point Average (GPA)</i>
<i>cum laude</i>	3.550 - 3.699
<i>magna cum laude</i>	3.700 - 3.849
<i>summa cum laude</i>	3.850 - 4.000

The cumulative grade point average is arrived at by dividing the total number of quality grade points earned by the total number of credit hours graded. The College does not round grade point average;

the official GPA is truncated to the hundredths digit. Graduation honors are computed on the student's complete academic record, and will be reflected on the student's final academic transcript. However, all honors read at the Academic Awards Ceremony and published in the graduation programs will be based solely on computations through the fall semester prior to the ceremony.

Transfer students will constitute a special category with regard to honors at graduation. Their designation for honors will be based upon work completed at Providence College.

Graduation honors for students in 3-2 programs and others will be based on the six (6) semesters of work completed at Providence College.

Honor Societies

Providence College has established a local chapter of the following national honor societies. Students accepted into national honor societies will have their membership noted on an official transcript.

Alpha Epsilon Delta	<i>National Health Pre-Professional Honor Society</i>
Alpha Kappa Delta	<i>International Sociology Honor Society</i>
Alpha Mu Alpha	<i>National Marketing Honor Society</i>
Alpha Sigma Lambda	<i>National Honor Society for Adults in Continuing Education</i>
Alpha Upsilon Alpha	<i>International Reading Association Honor Society</i>
Beta Gamma Sigma	<i>National Business Administration Honor Society</i>
Chi Alpha Sigma	<i>National College Athlete Honor Society</i>
Dirigo	<i>Providence College Student Leadership Honor Society</i>
Gamma Kappa Alpha	<i>National Italian Honor Society</i>
Kappa Delta Pi	<i>International Honor Society in Education</i>
Omicron Delta Epsilon	<i>International Economics Honor Society</i>
Phi Alpha	<i>National Social Work Honor Society</i>
Phi Alpha Theta	<i>National Honor Society in History</i>
Phi Lambda Upsilon	<i>National Chemistry Honor Society</i>
Phi Sigma Iota	<i>International Foreign Languages Honor Society</i>
Phi Sigma Tau	<i>International Philosophy Honor Society</i>
Pi Delta Phi	<i>National French Honor Society</i>
Pi Mu Epsilon	<i>National Mathematics Honor Society</i>
Pi Sigma Alpha	<i>National Political Science Honor Society</i>

Psi Chi	<i>International Psychology Honor Society</i>
Sigma Delta Pi	<i>National Collegiate Hispanic Honor Society</i>
Sigma Pi Sigma	<i>National Physics Honor Society</i>
Sigma Tau Delta	<i>International English Honor Society</i>
Sigma Xi	<i>Scientific Research Honor Society</i>
Theta Alpha Kappa	<i>National Honor Society for Religious Studies & Theology</i>
U.S. Army	<i>Commissioned 2nd Lieutenant Distinguished Military</i>

Academic Resources

Academic Advising

Peter J. Palumbo, M.A., Director of Academic Advising
 Phone: 401.865.2177
 Location: Harkins Hall 213

Providence College provides its students with a variety of opportunities for academic advising and support through:

- Office of the Dean of Undergraduate and Graduate Studies
- major academic departments and programs
- individual faculty advisors
- the Office of Academic Services

Providence College also provides assistance for students interested in a variety of pre-professional programs: premedical sciences and health professions, pre-law, and secondary education. Students should consult advisors in these specific programs for appropriate advisory information.

As part of their responsibility for meeting all academic requirements, students are expected to understand the scope of the resources available at Providence College and should be prepared to use them wisely.

Office of the Dean of Undergraduate and Graduate Studies

Rev. Mark D. Nowel, O.P., Ph.D., Dean of Undergraduate and Graduate Studies
 Phone: 401.865.2495
 Location: Harkins Hall 213

The Office of the Dean of Undergraduate and Graduate Studies has the overall responsibility for the academic monitoring of students and provides general academic advising to students in all majors. The office includes deans specifically assigned to work with individual classes and other cohorts of students. The Office of the Dean also provides academic assistance and monitoring oversight for students enrolled in the College's graduate programs.

The Office of the Dean of Undergraduate and Graduate Studies is involved in a variety of areas, including:

- academic advising/monitoring
- academic policies/procedures
- academic status/probation/dismissals
- AICU Rhode Island Language Consortium program course approvals
- commencement/graduation
- course approvals for summer/intersession/leave of absence
- course registration adjustments
- cross-enrollment
- degree audit adjustments
- extra course approvals
- individualized program approvals
- international students & scholars
- membership on the Graduate Council
- merit-based scholar program coordination
- multicultural scholarship program
- referrals to other departments
- voluntary withdrawals

The Office of the Dean of Undergraduate and Graduate Studies provides input to the Committee on Studies, which considers the introduction of new courses, new programs of study (majors, minors, etc.), as well as with the overall evaluation of academic matters, such as the academic standing of incoming transfer students. The office also assists the Committee on Academic Status, which is charged with the responsibility to hear student appeals for readmission following academic dismissal. This committee also reviews requests by students seeking a change to their current graduation class status and appeals for extensions of the deadline for Incomplete grades.

The Office of the Dean of Undergraduate and Graduate Studies assists international and exchange students at Providence College to make their transition to American education, and (along with their class dean and major academic advisors) helps to monitor their progress toward their degree.

Faculty Advisors and Academic Departments

Students are assigned faculty advisors as they enter the College by their major department chairperson or program director or by the Undeclared Advising Program director.

Faculty serve as the primary academic advisors for students and are available to meet with and to assist students with:

- information about academic policies, procedures, and programs;
- development of educational and career goals;
- exploration of short- and long-range consequences of their academic decisions;
- selection of and registration for courses to meet curricular and graduation requirements; and
- monitoring of academic progress toward completion of their degree programs through access to mid-term advisory grades, as well as computer-generated degree audit reports that match individual student records with their expected degree requirements.

Undeclared Advising Program

Peter J. Palumbo, M.A., Director of Academic Advising

Phone: 401.865.2177

Location: Harkins Hall 213

For additional information, please see the Undeclared Advising Program section of this Catalog.

International Student Success

Janet V. Ray, Ed.D., Assistant Dean/Director of International Student Success

Phone: 401.865.2495

Location: Harkins Hall 213

The Office of the Dean of Undergraduate and Graduate Studies assists international and exchange students at Providence College to make their transition to American education, and (along with their class dean and major academic advisors) helps to monitor their progress toward their degree.

Parent Program

Jacqueline K. MacKay, M.A., Director

Phone: 401.865.1550

Location: Harkins Hall 213

The Providence College Parent Program is another unit of the Office of the Dean of Undergraduate and Graduate Studies. Family support is an integral part of a student's success. The program provides comprehensive resources and programs for parents that are designed to enhance their understanding of the college experience and promote that success. The Web site www.providence.edu/pcparents includes links to important campus offices, services, and policies.

Advising for Professional or Graduate Studies

Students interested in pursuing discipline-specific graduate study should seek advice from faculty advisors in their academic departments. In some departments, a specific faculty member is assigned to provide assistance with preparation for graduate study. The Career Education Center provides additional resources such as *Peterson's Guide to Graduate & Professional School Programs* to assist students seeking information about graduate programs, admissions exams, and more.

Advisor for the Health Professions

Lynne M. Lawson, Ph.D.

Phone: 401.865.1989

Location: Sowa 235

The advisor for the health professions assists students in pre-professional preparation for careers in the medical sciences including medicine, dentistry, veterinary medicine, optometry, physician assistant, physical therapy, advance practice nursing, pharmacy, public health, and other health professions. Because each of the medical sciences professions requires specific preparation, students must work closely with the advisor for the health professions to plan a suitable program of study. This generally involves selection of an appropriate major, required courses, and internships and volunteer service opportunities in the health professions. For additional information about premedical sciences and health professions programs, see Premedical Sciences and Health Professions Programs.

Admission to most health professions schools is extremely competitive, requiring strong academic performance, satisfactory scores on standardized admissions tests (e.g., MCAT, DAT, GRE, PCAT, OAT), and evidence of leadership, service, and a working knowledge of the health professions. Both the advisor for the health professions and the Health Professions Advisory Committee work closely to support students during the process of application to health professions schools.

Pre-Law Advising

Paul E. Herron, Ph.D., Program Director

Phone: 401.865.1968

Location: Howley 310

The Pre-Law Program provides students with the information they need to decide if they want to attend law school and resources for the application process. This is not a set curriculum or minor. Students with all levels of interest (from those who are just curious about the law school option to students who are already sure they want to be an attorney) are invited to take advantage of the program. One of the main goals is to organize a community of undergraduates interested in pursuing a career in the law. We do not associate with any particular academic department, and our events and workshops are open to all. The program seeks to help students make the decision that is best for them; we do not push anyone to attend law school, and we do not discourage those who have decided to apply.

Generally, pre-law advising services include the following:

- Undergraduate advising regarding class selection and internship opportunities; career counseling through one on one discussions of possible paths after graduation, including, but not limited to, the practice of law; and law school application guidance with all phases of the process.

The Pre-Law Program also organizes and sponsors events and workshops:

- Alumni panel of law students and lawyers who graduated from PC and can offer insight into law school and a variety of legal practices; lawyer panels with speakers from different practice areas discussing their career paths; law school admissions panel, where representatives from four to six schools give students an insider's view of the application process and students can have one on one conversations with admissions officers (held in the fall and spring); law and current events sessions on contemporary controversies, such as confirmation hearings of Supreme Court Justices, ongoing legal debates, and major cases.
- Personal statement workshop, in which juniors and seniors working on law school applications gather in the fall; resume workshop on putting together a strong resume for applications; practice LSAT, test prep companies administer a full length practice LSAT to help those preparing for the real thing and for those who just want to get an idea of how the test works.

The Pre-Law Program organizes through Sakai. If you are interested in getting resources and updates on events and workshops, please contact the Program Director. The program is actively engaged with the student-run Pre-Law Society - information is available on the student clubs and organizations website.

Professional School Affiliation

Catholic University of America's Columbus School of Law will provide direct admission Providence College seniors who have earned a minimum cumulative GPA of 3.60 by the end of their junior year a minimum cumulative GPA of 3.50 by the end of their senior year; scored above the 66th percentile on the Law School Admission Test (LSAT); remained in good academic and disciplinary standing; and met all of the fitness, character, and other criteria for admission required by the Office of Admission of Columbus School of Law. The application fee will be waived for those who satisfy the eligibility requirements, and students will be considered for financial aid and competitive scholarships (though not guaranteed).

Secondary Education Program

Kevin J. O'Connor, Ph.D., Director

Phone: 401.865.2123

Location: Harkins Hall 328B

Preparation for a secondary school teaching career requires specialization in a subject area and study in the field of education. Subject areas in which students may be certified include biology, chemistry, English, French, history, Italian, mathematics, physics, and Spanish. Program requirements are outlined in the departmental catalog entries for these subject areas.

Since students preparing for the teaching profession must complete a subject area major in addition to the teacher preparation program, secondary education students are advised by both a faculty member in their major department and by a secondary education program faculty member.

Because declaration of a major in education, either elementary or secondary, is a two-step process, students may declare their intent to major in education and, after completion of two education courses, their performance is evaluated for eligibility for full admission.

Although Providence College is a test optional institution, completion of the secondary education program requires passing a variety of basic skills, teaching skills, and content knowledge tests needed for eligibility for certification as a secondary education teacher in Rhode Island and states with reciprocal agreements.

Academic Support Services

Office of Academic Services

Bryan D. Marinelli, Ph.D., Director

Phone: 401.865.2494

Location: Phillips Memorial Library 250

The Office of Academic Services (OAS) supports all Providence College students through a combination of academic and personal development programming, including individualized and group academic assistance, tutoring, and specialized workshops and outreach. The OAS offers unique attention and support to students with documented disabilities by providing reasonable accommodations and by advocating for equal access to all services and programs offered to members of the campus at large. The OAS also provides specialized support to student-athletes in light of the unique time demands, responsibilities, and rules governing participation in intercollegiate athletics. Services offered by the OAS include:

Tutorial Services

Individual and group tutoring sessions are available in most subject areas, including the Development of Western Civilization. OAS peer tutors assess individual student needs, develop strategies to address academic challenges, and help supplement classroom/textbook instruction. Tutors stress the learning process itself and place an emphasis on the acquisition of independent study skills. The Tutorial Center is nationally certified by the College Reading & Learning Association (CRLA).

Writing Center

The Providence College Writing Center is available to assist students at any stage of the writing process, from brainstorming a topic to polishing a final draft. This means that the center is not merely an editorial or remedial service. Through an approach to writing instruction that is student-centered, peer tutors work collaboratively with their tutees to identify and rectify chronic structural or mechanical problems, helping students avoid similar problems in future writing tasks. In short, the

Writing Center's purpose is to make better writers, not just better papers. Moreover, the center operates under the assumption that all writers, regardless of their respective ability, can benefit from the feedback of an attentive reader.

Special Programs and Workshops: Group and Individual

The OAS offers several workshops devoted to academic topics including: study skills, time management, curriculum-specific success strategies, test taking, reading skills, and GRE/GMAT Test Preparation. Students may contact the assistant director for student success and retention to schedule group workshops or individual mentoring sessions.

Coordination/Provision of Reasonable Accommodations for Students with Disabilities

Students with documented disabilities (learning, physical, medical, temporary) may qualify for reasonable academic accommodations, coordinated by the OAS. The assistant director for disability services is available to discuss each student's unique needs and arrange individualized services. Academic accommodations may include the following: extended-time tests, note-taking services, texts in alternate format, adaptive technology, interpreters, and pre-registration for courses. Students who require disability-related accommodations pertaining to residential life or dining services should refer to the Student Life and Development section of this catalog.

Services for Student-Athletes

Providence College student-athletes can take advantage of all services offered through the OAS, as well as the following: academic monitoring, the NCAA's Student Athlete Affairs Program, pre-registration assistance, and space for quiet study.

Glossary of Academic Terms

Academic Status

Refers to both the official expected graduation year and semester as well as the categories of academic standing (good standing, academic probation, dismissal) in the College. (See Academic Policies.)

Adjustment Period

The period of time designated by the College in which students may adjust their course schedules (e.g., add/drop courses) without approval or penalty.

Advanced Placement Credits

Credits earned in Advanced Placement (AP) courses during high school. Several conditions apply. (See Advanced Placement (AP) Equivalency Chart in Admission section.)

Attempted Credit Hours

The total number of credit hours for which a student registers. This number will include all those hours at the conclusion of a given semester for which any grade is received, including a grade of "WD."

Certificate Program

A secondary field of study, similar to a "minor," which leads to receipt of a specific certificate (e.g., Business Studies, Public Administration).

Concentration (or Program)

In general, refers to a student's major course of study. "Concentration" and/or "program" are often used interchangeably with "major" to identify the baccalaureate degree program in which a student is enrolled.

Corequisite

Courses that require the concurrent enrollment in a specific course (or courses).

Credit Hours (or Credits)

The value of each course is stated in terms of credit hours. A credit hour requires the equivalent of one classroom period of 50 minutes or a laboratory period of one to four hours per week throughout the term, as well as at least two hours of out-of-class student work. Each 50 minutes of scheduled class time per week is normally assigned a value of one credit hour; most classes are three credit hours. Classes are typically scheduled for the equivalent of three 50-minute sessions, two 75-minute sessions, or one 150-minute session each week. There are exceptions to this formula, for example, science courses with laboratories and art courses with studios.

Curriculum (or Degree Program)

In general, refers to the specific courses a student must complete in order to earn a baccalaureate degree.

Deficiency (Courses or Credits)

In general, refers to situations when students fall behind in either courses or credit hours.

Degree Audit

Computerized system that electronically matches specific program requirements with completed and enrolled courses of individual students. Audit reports are intended to serve as a tool for both students and advisors in the academic advisement and course registration processes.

Dual Enrollment Credits

Courses completed in high school that may be considered for possible transfer credits. (See Admission.)

Earned Credit Hours

Those credit hours for which passing grades are earned. Students do not earn credits for the following grades: AU, F, I, NF, NM, NG, NC, and non-averaged courses (e.g., courses preceded with an "X" or notated with an "E" to exclude from the GPA).

Elective Courses

Courses which allow students greater freedom in choosing from alternatives. Electives may take several forms:

Major/Minor Electives: courses which must be selected as specified within a student's major or minor program.

Core Curriculum Electives: courses which must be selected from the approved lists of Core Curriculum requirements.

Free Electives: courses with limited or no restriction.

Full-time Student

A student enrolled for a minimum of 12 credits per semester. Students have the ability to take five courses beginning with the second semester of their first-year. Students also have the ability to take

an extra course (i.e., a sixth course), free of charge and for credit, on a space available basis. In order to complete a minimum of 120 credits to earn a bachelor's degree, students generally will need to take five courses during seven of their eight semesters in order to complete their degree program in eight semesters. For official financial aid, NCAA, or other certification purposes, students who are enrolled in a minimum of 12 credit hours during a semester are considered in "full-time attendance." Exceptions may apply.

Grade Point Average

The total number of quality points earned divided by the total number of averaged credit hours. (See Academic Policies.)

Intersession

Refers to the term which begins and ends between the traditional fall and spring semesters (i.e., "winter" session). The School of Continuing Education offers Intersession courses. (See Schools and Divisions.)

Major

The baccalaureate degree program in which the student is enrolled. (See Academic Programs.) Sometimes used interchangeably with "concentration" and/or "program."

Minor

A secondary field of study requiring fewer courses than a "major." (See Academic Programs.)

Prerequisite

Courses that require the prior completion of a specific course (or courses) or have other conditions of enrollment (e.g., permission of instructor, limited to specific majors or class years).

Quality Points (or Quality Grade Points)

The numeric equivalent assigned to each course grade multiplied by the number of course credits. (See Academic Policies.)

Schedule Adjustment Period

The period of time designated by the College in which students may adjust their course schedules (e.g., add/drop courses) without approval or penalty.

Syllabus

The official outline and/or summary of a specific course as provided by the course instructor. The syllabus (or "course syllabus") often includes the following: course objectives, list of required texts and other materials, description of responsibilities per class period, class attendance policies, academic integrity standards, assignments, and summary of grading procedures.

Transfer Credit

Academic credits accepted for transfer to the College from another institution. Several conditions apply (See Transfer Admission).

Degree Programs

The College offers programs of study leading to the degrees of bachelor of arts; bachelor of science; master of arts in history, theology, biblical studies, and theological studies; master of arts in teaching

(mathematics); master of business administration; and master in education. Advanced degree programs are described in the catalog of the Graduate Studies Program.

The bachelor of arts degree is offered with major programs of study in American studies, art history, biology, biology/optometry, biology/secondary education, chemistry, chemistry/secondary education, creative writing, economics (including business economics and quantitative economics), elementary/special education, English, English/secondary education, French, French/secondary education, global studies, history, history/secondary education, humanities, Italian, Italian/secondary education, mathematics, mathematics/secondary education, music, music education, philosophy, physics/secondary education, political science, psychology, public and community service studies, social science, social work, sociology, Spanish, Spanish/secondary education, studio art, theatre, theology, and women's studies.

The bachelor of science degree is offered with major programs of study in accountancy, applied physics, biochemistry, biology, biology/optometry, biology/secondary education, chemistry, computer science, pre-engineering (3/2 combined program), finance, health policy and management, management, and marketing.

Minors are offered in accountancy, applied physics, art history, Asian studies, black studies, classics, computer science, dance, economics, evolutionary biology and ecology, film/video, finance, French, German, history, Italian, Latin American studies, mathematics, music, philosophy, political science, public and community service studies, sociology, Spanish, studio art, systems science, theatre, theology, women's studies, and writing.

Certificate programs are offered in business studies, labor-management relations, neuroscience, and public administration. Interdisciplinary and non-departmental courses are offered to enhance the educational experience and allow for a variety of interests and initiatives. Information on general degree requirements is recorded in the section on Academic Policies.

Course Information

Academic Planning Forms

Semester-by-semester course sequences are available in the Academic Guidebook. Students should consult with their faculty advisor to review the Academic Planning Form pertinent to their program of study. In addition, students should review course descriptions regarding any prerequisites for required courses. Graduation requirements include a minimum of 120 credit hours, although some academic programs may require additional credits. Please refer to the Academic Resources section of the catalog for more information.

Course Numbering

Providence College renumbered many of its undergraduate courses to adhere to newly instituted course numbering guidelines, effective with the 2004-2005 academic year. This catalog provides only the current course numbers in the listing of course descriptions and identification of prerequisites and corequisites, and in the program requirements for many of our programs of study.

Undergraduate course numbers generally fit into the following scheme:

100-level:

introductory or gateway courses to specific majors or programs of study; prerequisites may consist of other 100-level courses.

200-level:

intermediate-level courses; may have prerequisites of 100- or 200-level courses; more advanced than 100- level offerings.

300-level:

upper-division courses; may have prerequisites of 100-, 200-, or 300-level courses; more advanced than 100- or 200-level courses; may include internship, independent study, or tutorial courses.

400-level:

advanced upper-division courses; may have prerequisites of 100-, 200-, 300-, or 400-level courses; more advanced than 100-, 200-, or 300-level courses; may include internship, independent study, or tutorial courses. Internship, independent study, special topics, tutorial, and other non-standard courses have common course number ranges across the various academic disciplines.

Internships & Field Experience

Courses:	450 - 455*
Tutorials:	460 - 461
Special Topics:	379**, 470 - 475, 479**
Seminars & Capstone courses:	480 - 489
Independent Studies:	490 - 491
Lab Research (independent):	495 - 496
Senior Theses:	498 - 499***

** Note: A small number of departments/programs have placed specific non-standard courses at the 200- or 300-level, utilizing comparable ranges at the identified level (e.g., an upper-level internship listed in the 350-359 range, while the advanced upper-level internship range is 450-459).*

*** Unique course number which indicates a proficiency attribute; students must refer to the specific proficiency attribute to know which requirement(s) the course satisfies.*

**** The Department of Art & Art History identifies its senior thesis courses in the 492 - 499 range.*

Course Archive/Reactivation Policy

The College maintains an archive of courses that have not been offered in recent years and are not expected to be offered in the near future. Academic departments/programs may choose to reactivate courses from the archive within 10 years from when last offered upon review by the Executive Subcommittee of the Committee on Studies.

Course Descriptions

Core Curriculum Requirements

The Core Foundation/Proficiency attributes:

- Civic Engagement, Diversity, Ethics, Fine Arts, Natural Science, Oral Communication, Philosophy, Physics-Based Natural Science, Quantitative Reasoning, Social Science, Theology, Writing I, Writing II

Accountancy

ACC 103 - Introduction to Accounting and Finance

1 semester, 3 Credits

Open only to students pursuing the minor in Entrepreneurship and Business Innovation. Covers basic finance and accounting concepts. Students will work with the instructor to pass an Excel competency test prior to, or during the first few weeks after, commencing the course.

ACC 110 - Computer Applications in Business I

1 semester, 1 Credit

Focuses on developing students' proficiency in current software applications in business as a foundation for further study in the business disciplines. Basic word processing, presentation software, and spreadsheet applications will be covered. Offered on a self-paced, pass/fail basis.

ACC 111 - Computer Applications in Business II

1 semester, 1 Credit

Focuses on developing students' proficiency in current software applications in business as a foundation for further study in the business disciplines. Intermediate spreadsheet and beginning database applications will be covered. Offered on a self-paced, pass/fail basis. *Prerequisite: ACC 110.*

ACC 113 - Data Applications in Business

1 semester, 2 Credits

Designed to help students structure and define the problems faced by businesses and to acquire proficiency with the tools used to analyze and solve these problems. Focus is on commonly used business decision support software (e.g., Microsoft Excel and Microsoft Access).

ACC 200 - Introduction to the Profession

1 semester, 1 Credit

This co-curricular course introduces students to the professional world of accounting. Various segments of the profession will be explored including, but not limited to, public accounting, tax practice, internal audit, corporate accounting, banking, insurance, non-profit, governmental, and regulatory agency work. This course is offered on a pass/fail basis. *Prerequisite: ACC 310, with concurrent enrollment allowed.*

ACC 203 - Financial Accounting

1 semester, 3 Credits

Introduces basic elements of accounting and the role of accounting in business and society. Provides students with a fundamental understanding of concepts and principles used by corporations to measure and communicate financial results useful to business decision makers. Emphasis is placed on the ability to read and understand financial statements.

ACC 204 - Managerial Accounting

1 semester, 3 Credits

Introduces basic elements of accounting and the role of accounting in business and society. Explores accounting concepts and procedures used by internal users in running a business and making decisions. Major components include cost accumulation methods; cost behavior, analysis, and control; budgeting and the effects of cost data on the decision process. Basic accounting terminology and procedures are presented as a foundation for further studies in the business disciplines. *Prerequisite: ACC 203.*

ACC 301 - Cost Accounting

1 semester, 3 Credits

Focuses on quantitative tools and analytical techniques used by managers in formulating business strategies. Reporting issues relative to planning and control decisions are heavily explored. Topics include cost-volume-profit analysis, manufacturing cost flow, and cost estimation. Alternative management and accounting methods are studied and their impact on business operations and performance is considered. *Prerequisite: ACC 204.*

ACC 310 - Intermediate Accounting I

1 semester, 4 Credits

Begins by examining the conceptual framework of financial accounting as the theoretical foundation for addressing external reporting issues. The application of accounting theory in financial statements, income and expense recognition, and asset valuation and disclosure relative to current and long-term assets are considered in detail. Significant attention is given to the interpretation of financial information. *Prerequisite: ACC 203 with a minimum grade of C and ACC 204.*

ACC 311 - Intermediate Accounting II

1 semester, 4 Credits

Emphasizes the application of accounting principles and objectives of financial reporting in the context of corporate financial statements. Issues related to debt and equity reporting, accounting for income taxes, revenue recognition, and accounting changes will be considered. Preparation and use of the statement of cash flows will also be considered. *Prerequisite: ACC 310 with a minimum grade of C-*

ACC 350 - Accounting Information Systems

1 semester, 3 Credits

Prepares students to be effective users, evaluators, and auditors of accounting information systems (AIS). Major themes include analysis of business processes, system documentation with flowcharts, risk assessment, internal control, and organizational governance. *Prerequisite: ACC 204 or permission of instructor.*

ACC 405 - Advanced Accounting

1 semester, 3 Credits

Emphasizes the application of accounting principles and the objectives of financial reporting relative

to a variety of entities. The corporate entity is explored in the context of business combinations and consolidations. Accounting and reporting for governmental units and not-for-profit entities are surveyed. *Prerequisite: ACC 311 with a minimum grade of C-*.

ACC 406 - Taxes and Business Decisions

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

Examines the role taxes play in business and individual decisions, particularly Federal taxes on income. A survey of the Federal tax laws as they affect different types of income and deductions is included. The differences between tax and business treatment of common business activities, events, and transactions are discussed. *Prerequisite: ACC 203.*

ACC 412 - Auditing

1 semester, 4 Credits **Core Foundation/Proficiency:** Oral Communication

Develops an understanding and appreciation of the philosophy of the auditing process and the role of internal and external auditing in an organization. The concepts of risk and control, evidence, and documentation are considered. Ethical issues in the audit environment are considered. *Prerequisite: ACC 311 and ACC 350 or permission of instructor.*

ACC 450 - Accountancy Internship

1 semester, 3 Credits

Offers credit to students participating in department-approved internships in for-profit or not-for-profit organizations or governmental agencies. Provides the student with a valuable experiential learning opportunity. Academic assignments, as specified in the accountancy internship contract, must be completed. Departmental approval required.

ACC 470 - Special Topics in Accounting

1 semester, Variable (1-3) Credits

Provides accountancy majors with the opportunity for in-depth study of select topics in accounting not otherwise covered in the department's curriculum. Topics based on current issues affecting the accounting profession and student interest. May be repeated for credit as topics vary. *Prerequisites: ACC 412 or ACC 406 or permission of instructor.*

ACC 485 - Accounting Policy

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Requires students to integrate, extend, analyze, and apply knowledge gained in the major to demonstrate mastery of the accounting discipline within a liberal arts experience. Focuses on internal and external reporting issues incorporating concepts from financial accounting, cost/managerial accounting, accounting information systems, advanced accounting, auditing, and taxation. *Prerequisites: Senior accountancy majors; ACC 301, 405, 406, and 412, FIN 207, MGT 301, and MKT 205, or permission of instructor.*

ACC 490 - Independent Study in Accounting

1 semester, 1-3 Credits

Open primarily to senior Accountancy majors. The student is provided the opportunity to explore advanced topics in accountancy outside of the regular departmental offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson. *Prerequisite: Permission of the chairperson.*

American Studies

AMS 101 - Introduction to American Studies

1 semester, 3 Credits

Introduces students to the basic issues, methodology, and tools in examining a broad range of topics relevant to the study of American history and culture. Thematic topics vary from semester to semester. Satisfies an AMS elective requirement.

AMS 103 - U.S. History to 1877

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

Survey course of American history from colonial beginnings through the Civil War and Reconstruction. *Same as HIS 103.*

AMS 104 - U.S. History Since 1877

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Survey course of American history from the end of Reconstruction through the present day. *Same as HIS 104.*

AMS 107 - African American Art: A Look at Hip Hop

1 semester, 3 Credits

Students explore Hip-Hop's impact on American popular culture. Focuses on the music and culture's contentious relationship to blackness, African American identity-in terms of gender, sexuality and class among other social categories-and notions of American multiculturalism. Strives to offer a survey of Hip-Hop's impact on a wide range of social and artistic practices. *Same as ARH 107 & BLS 107.*

AMS 120 - History of Film: The Silent Period and the Transition to Sound

1 semester, 3 Credits

Traces the history of cinema from its beginnings at the turn of the 20th century to the establishment of the sound cinema. Emphasis is given to film as an art form as well as a social and political phenomenon in the United States and throughout the world. *Same as TDF 120.*

AMS 121 - History of Film: The Classic Era 1940-1960 and Beyond 1960-1990

1 semester, 3 Credits

Traces key films and movements in the history of the cinema, from the classic Hollywood era in the 1940s to the flowering of international and independent cinema of the present. Emphasis is on cinema as an art form, medium of entertainment, and its development alongside politics, society, and the other arts. *Same as TDF 121.*

AMS 206 - American Musical Theatre

1 semester, 3 Credits

Exposes students to all aspects of the Broadway or American musical theatre. Emphasis on appreciation and analysis in terms of music, book, lyrics, and design. Eight or nine musicals of various types are studied through analysis of scripts, sound recordings, DVDs, and live performances when possible. *Same as TDF 206.*

AMS 207 - American Art

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

An introduction to American painting, sculpture, and architecture from Colonial times to the present. *Same as ARH 207. Prerequisite: ARH 106 suggested.*

AMS 218 - Multicultural America: Racism, Ethnicity, and Immigration History in the Contemporary United States

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Racism in the United States remains a topic of fierce debate today. This course places contemporary racial issues in an historical context by examining institutional racism, ethnicity, and immigration from the Civil War to today. Specifically compares how Native Americans, African Americans, Latino/a Americans, Asian Americans, and American Muslims have shaped their own identities in the United States over time. *Same as HIS 218.*

AMS 220 - The Catholic Imagination of Four American Filmmakers

1 semester, 3 Credits

An intensive study of the films of John Ford, Frank Capra, Alfred Hitchcock, and Martin Scorsese emphasizing the Catholic imagination from which each of these directors was influenced. The social, psychological, and theological themes found in each filmmaker are considered as ways in which they used their personal concerns to tell popular stories. *Same as TDF 220.*

AMS 227 - History of Jazz

1 semester, 3 Credits

A study of the history of jazz from African music to contemporary trends and more popular forms. Emphasis will be placed on styles and performers. Analytical listening will be required. *Same as BLS 227 and MSC 227.*

AMS 255 - Colonial North America: From Contact to Constitution (to 1789)

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Looks at diverse and resilient native cultures; the hopes and struggles of colonists as they established themselves in each region; the ways entrenched slave economies developed alongside powerful new ideas about freedom; and the fiery debates that led to the Revolution and the Constitution. *Same as HIS 255.*

AMS 256 - Creating a Nation from Founding to Civil War (1789-1877)

1 semester, 3 Credits

Examines the struggles of early Americans to create a viable, lasting republic despite disagreements over the meaning of the Constitution; demands for increased democracy; industrial development; rapid immigration; and expansion westward. Yet nothing threatened the nation more than sectional disagreements over slavery, culminating in the Civil War and Reconstruction. *Same as HIS 256. Satisfies pre-1877 American history requirement for major/minor.*

AMS 257 - Redefining the United States at Home and Abroad (1877-1939)

1 semester, 3 Credits

Examines how Americans grappled with the emergence of the United States as an industrial and world power, including continued racial tensions and opposition to new immigrant groups, Native Americans, and African Americans; imperial expansion into the Caribbean and Pacific; the politics of the Gilded Age; Progressive Era reform movements; the First World War; and the Great Depression and New Deal. *Same as HIS 257. Satisfies post-1877 American history requirement for major/minor.*

AMS 258 - The American Century 1939-Present

1 semester, 3 Credits

Studies the role of America as a global superpower, from the Second World War, through the Cold War, Vietnam, and the war against terrorism, as well as how domestic civil rights battles by blacks, women, immigrants, and other minority groups have shaped American society and culture to the present day. *Same as HIS 258.*

AMS 260 - Women in Dance and Sport

1 semester, 3 Credits

Women have made tremendous strides in both dance and sport over the last century. Studies the achievements of and challenges to women in these fields, with a focus on contemporary artists and athletes. A historical background will provide the foundation for analysis of current issues. *Same as TDF 260 and WMS 260.*

AMS 304 - American and European Art Since 1945

1 semester, 3 Credits **Core Foundation/Proficiency: Fine Arts**

Introduces major trends in Western and especially, American art post-World War II. A variety of media will be addressed, including not only the traditional visual arts, but a full range of new genres, as well. Social and cultural context for works of art and the shifts in style will be emphasized. *Same as ARH 304. Prerequisite: ARH 106 or 209.*

AMS 310 - American Foreign Policy

1 semester, 3 Credits

The larger foreign policy problems confronting the United States today, considered in the light of American values, historic patterns, and the current world situation. *Same as PSC 310.*

AMS 315 - The Civil War and Reconstruction

1 semester, 3 Credits **Core Foundation/Proficiency: Oral Communication**

The road to war is traced from the Texas Revolt to the bombardment of Ft. Sumter. The slavery issue is analyzed, and the course of the war is studied in detail. The consequences of the war, attempts to implement differing plans of Reconstruction, and the end of the Reconstruction are examined. *Same as BLS 316 and HIS 316.*

AMS 322 - American Diplomatic History II

1 semester, 3 Credits

Examines the emergence of the United States as a world power in the 20th century. Topics will include the rise of the Imperial presidency, U.S. involvement in the two world wars, the origins and course of the Cold War, and determination of America's role in the post-Cold War international order. *Same as HIS 322.*

AMS 326 - The American Revolution

1 semester, 3 Credits

The American Revolution is traced from the Seven Years War to the Ratification of the U.S. Constitution. The social, economic, political, and cultural dimensions of the imperial crisis are examined in detail. The War for Independence, as well as the short and long-term consequences of Independence, are also covered. *Same as HIS 325.*

AMS 331 - American Philosophy

1 semester, 3 Credits

A critical study and analysis of the writings of outstanding American philosophers. *Same as PHL 321.*

AMS 355 - American Literature to 1865

1 semester, 3 Credits

Concentrates on the period of the American Renaissance (1836-1860) with some attention to earlier writings. Authors may include Franklin, Poe, Emerson, Cooper, Douglass, Jacobs, Thoreau, Hawthorne, Stowe, Melville, Dickinson, and Whitman. The central topics concern the variety of responses to the question of American democratic opportunity, the frontier, and slavery. *Same as ENG 355.*

AMS 356 - American Literature 1865-1914

1 semester, 3 Credits

Surveys American literature through some of the most difficult years in our history, the years of industrialization, urbanization, mass immigration, Reconstruction and Jim Crow. Authors may include Twain, James, Dreiser, Dickinson, Chesnut, Crane, Gilman, Robinson, Cahan, Wharton, and Frost. *Same as ENG 356.*

AMS 364 - Modern American Fiction

1 semester, 3 Credits

Covers American fiction since World War I. Authors include Anderson, Hemingway, Fitzgerald, Cather, Dos Passos, Faulkner, Welty, O'Connor, Salinger, Heller, Percy, Pynchon, Morrison, and Bellow. Topics

include the search for identity through tradition, the disillusionment of the '30s, the Southern Renaissance, and the problematics of mass society. *Same as ENG 364.*

AMS 365 - Twentieth-Century African-American Literature

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

A reading-intensive introduction to 20th-century African-American fiction, autobiography, drama, and poetry, with particular attention to social and cultural contexts. Writers include Nella Larsen, Ralph Ellison, Amiri Baraka, Toni Morrison, John Edgar Wideman, and Anna Deavere Smith. Focus on race, class, and gender, and on the authors' approaches to the role of literary art in society. *Same as BLS 365 & ENG 365.*

AMS 375 - Food in U.S. History

1 semester, 3 Credits

Food is the subject of joy and fascination for studying American history. Course examines the complex history of food in the United States in many ways: as an item of national identity, an object of cultural resistance, a source of workers' efficiency, a means for political engagement, and a measure of economic prosperity or impoverishment. *Same as HIS 375.*

AMS 376 - Toni Morrison

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Examines a selection of novels by the 1993 Nobel laureate Toni Morrison. Analyzes her dialogue with African American and American history, with an emphasis on individual and communal trauma, memory, and healing. Selected, accessible Morrison scholarship will be studied as well, with a focus on race, class, and gender, and on Morrison's strategies as a creative writer. *Same as BLS 376, ENG 376, & WMS 376.*

AMS 413 - The Power of Whiteness

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Historical development of "whitenesses" within the context of colonialism, slavery, imperialism and globalization, and their aftermaths as a way of understanding the cultural environments and processes of ethno-racial and gender-sexual identity formation today. Hegemonic whiteness is deconstructed and challenged. Whiteness is examined as an unnamed, unmarked category, "whites are just normal," that carries powers and privileges. *Same as BLS 413, SOC 413, and WMS 413.*

AMS 418 - Globalization and Social Justice

1 semester, 3 Credits

With the fall of socialist states, capitalist markets, economic relations, and consumerism have become global. Examine the political, cultural, and economic origins, consequences, and responses (with specific concern for the prospects for social justice, democracy, and equality) in the rich and poor countries of the world; impacts on workers; ecological, resource, and environmental implications; and anti-corporate globalization resistance movements. *Same as GST 418, SOC 418, and WMS 418.*

AMS 425 - African-American Women

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

Focuses on sociological analyses of the constructions and reconstructions of African-American women, examining the interrelationships of gender, race, caste, class, racism, and sexism in the United States, past and present. Topics include the family, male-female relations, poverty, discrimination, and social movements with particular emphasis on origins, consequences, social and individual changes and resistance to change, sociological, and feminist theories. *Same as BLS 425, SOC 425, and WMS 425.*

AMS 427 - Classical America

1 semester, 3 Credits

Traces the influence of Greece, Rome, and the ancient Near East (Egypt, Mesopotamia) on the United States of America from colonial times to the present. Develops an appreciation for the profound influence of antiquity in such areas as history, government, art, architecture, and literature. No knowledge of Greek or Latin is required. *Same as HIS 427 and CLA 427.*

AMS 445 - The Consumer Society

1 semester, 3 Credits

Consumption and consumerism are driving forces sustaining the expansionist logic of advanced capitalism and globalization. Consumption of commodities has become the basis for the formation of ever-changing individual and group identities. Examines the historical development of consumerism, theoretical approaches to understanding the political, social, economic, individual, and very importantly, the environmental consequences of consumerism. *Same as GST 445, SOC 445 and WMS 445.*

AMS 470 - Seminar: Special Topics in American Studies

1 semester, 3 Credits

The topics discussed in the seminar vary from semester to semester.

Anthropology

Some of the following courses are not offered every year. Students should consult their pre-registration course listings regarding the availability of particular courses for any given semester.

APG 101 - Introduction to Cultural Anthropology

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity; Social Science**

Focuses on the study of human persons as makers of tools, rules, and moral judgments, and provides a comparison of the ways in which people in Western and non-Western countries make sense of their experience and of their environment.

APG 301 - Art in Everyday Life

1 semester, 3 Credits

Art, aesthetic expression, and social standards for judging artistic products and process are examined in cross-cultural perspective. Data are drawn from Oceania, Africa, Asia, and the Americas, as well as

from the folk art of Europe. A variety of art forms, such as ritual symbols; pottery; basketry; wood, stone, and bone carving; dwellings; textiles; and bodily adornment, will be studied.

APG 303 - Sacred Journeys

1 semester, 3 Credits

Studies religious pilgrimages in historical, cultural, and social contexts. Our purpose is to reveal the richness and profundity of religious experience through consideration of the persons, places, symbols, and processes associated with these sacred journeys. Examples of medieval, post medieval, and contemporary pilgrimages will be drawn from Asia, Europe, and the Americas.

APG 304 - The Built Environment and Spatial Form

1 semester, 3 Credits

Focuses on the social and cultural study of human, physical alteration of the natural environment; emphasizing the products of human building activity, place, and the social production of built forms within the context of society's institutions and history. It examines the meaning and impact of the built environment (including landscape) revealed in building decisions, metaphorical connections, and ritual.

APG 321 - Latin America: Mexico and Central America

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Social Science

Focuses on peoples, cultures, and environments in the frontier areas of northern Mexico and Central America as well as in the heartland regions of Mexico-Guatemala. Study will include islands of the West Indies in that sector of the Caribbean which is socially and culturally related to Central America.

APG 322 - Latin America: South America

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

Studies peoples and cultures of South America. A range of groups from tribal Indian through peasants to urbanites will be considered. Rural-urban relationships and those between people and their environments will be examined. Those islands of the Caribbean whose social and cultural characteristics are shared by the northern coastal portions of South America will be included.

APG 328 - Native Peoples of the United States and Canada

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

Concentrates on contemporary Native Americans: environmental setting, ways of life, historical experience, and cultural background. Attention is given to native life on and off the reservations, including governmental policies, and to present means of expressing indigenous cultural identity and of preserving or revitalizing traditional culture patterns in areas such as arts, religion, technology, and view of the world.

APG 338 - Religion and Magic

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

The most general forms of religion and magic including the belief in spirits, souls, and impersonal supernatural power are studied. The relationship between culture change and religion is considered

with special reference to religious syncretism, revitalization movements, altered states of awareness in sacred context, and the interest in the occult.

APG 339 - Faith and Healing

1 semester, 3 Credits

Studies the search for healing and wholeness through religious beliefs and rituals. The focus is upon healing rites at the formal and folk levels of expression, shrines and pilgrimages associated with the quest for healing, and systems of healing in syncretistic religions.

APG 345 - Cities and Urban Life

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Social Science

Considers urban form, the types of urban growth, relationships between urban centers and outlying districts, and urbanization, in various parts of the world. Focuses especially on appreciation of neighborhood and city, the environmental impact of the city, and the application of anthropological research to contemporary issues (e.g., poverty, redevelopment) in urban living.

APG 360 - Prehistoric Archaeology

1 semester, 3 Credits

Introduces the student to the methods, theory, and interpretation of prehistoric archaeology, focusing on the evolution of human cultures, their subsistence technologies, and forms of social organization and ideology as revealed by the archaeological record, from the end of the Ice Ages to the rise of early civilizations in both the Old and New Worlds. *Same as ARH 360.*

APG 401 - Theory in Anthropology

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

Studies the ideas and issues of importance in social and cultural anthropology as it developed within the framework of Western thought. *Prerequisite: Junior or senior status.*

APG 470 - Special Topics in Anthropology

1 semester, 3 Credits

Intended to provide students with the opportunity to study a variety of subjects in anthropology of value in a liberal arts education, but which are not currently covered, or not ordinarily treated in depth. The format of the course may vary with instructor and topic chosen. *Prerequisite: Junior or senior status or permission of instructor.*

APG 490 - Independent Study

1 semester, 3 Credits

Designed to permit students to engage in intensive reading or special research under the direction of one or more members of the anthropology staff. *Prerequisite: Permission of Department of Sociology chairperson.*

Art

ART 101 - Visual Design I: 2D

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

An investigation of the elements of two-dimensional design: line, shape, value, texture, and color according to the principles of organization in the formulation of compositional unity as expressed on two-dimensional surfaces in the visual arts whether it be in drawing, painting, photography, printmaking, or digital imaging. This course requires six class hours per week.

ART 102 - Visual Design II: 3D

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

An investigation of the elements of three-dimensional design, including plane, volume, mass, scale, structure, relief, and modularity as expressed in the three-dimensional visual arts, including sculpture, ceramics, architecture, industrial design, and spatial design. May be taken independently of ART 101. This course requires six class hours per week.

ART 108 - Introduction to Desktop Publishing

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Graphic design using desktop publishing software. Topics include: history of graphic design, visual perception, typographic layout, and an introduction to desktop computer software. This course requires six class hours per week.

ART 111 - Drawing I

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Elements of drawing, with emphasis on the development of perceptual abilities. Studio assignments involve direct observation of still life, the human figure, landscape, and interior spaces. This course requires six class hours per week.

ART 112 - Drawing II

1 semester, 3 Credits

Studio work from the live model and other topics. Further development of perceptual approach, with emphasis on compositional structure. Students develop a critical vocabulary through group discussion of class assignments and consideration of historical and contemporary examples of drawing. This course requires six class hours per week. *Prerequisite: ART 111.*

ART 121 - Sculpture I

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Materials, tools, principles, and elements of sculpture taught through problem solving of assigned projects. Introduction to techniques of modeling, casting, and carving. This course requires six class hours per week.

ART 122 - Sculpture II

1 semester, 3 Credits

Continuation of the principles and techniques mastered in ART 121. Creation and completion of in depth sculptural projects. This course requires six class hours per week. *Prerequisite: ART 121.*

ART 131 - Painting I

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Studio work dealing with basic problems of organizing and evaluating two-dimensional form. Emphasis on the use of structure and design to establish pictorial relationships in color, space, and form. This course requires six class hours per week.

ART 132 - Painting II

1 semester, 3 Credits

Studio work seeking to develop more complex treatment of the principles studied in Painting I. Emphasis on technical proficiency through practice. Familiarity with historical and contemporary idioms of painting will be expected. This course requires six class hours per week. *Prerequisite: ART 131.*

ART 141 - Monotype

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

A combination of drawing, painting, and print vocabulary serving to familiarize the student with printmaking and its ability to assist in developing a visual statement. Images will explore the serial progression of an idea through multiple black and white and color impressions. This course requires six class hours per week.

ART 151 - Ceramics I

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Basic and advanced hand-building skills such as coil, slab, pinch, and press molding are taught as students gain knowledge about materials, glazing, and firing. This course requires six class hours per week.

ART 152 - Ceramics II: Wheelworking

1 semester, 3 Credits

Basic and advanced wheel-throwing skills, material concepts, glazing, and firing are covered. Reduction, Raku, and electric glazes are introduced as the student constructs functional and non-functional forms of clay. This course requires six class hours per week. *Prerequisite: ART 151.*

ART 171 - Introduction to Photography: Darkroom Practice and Concept

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Black and white photography, including negative processing and printing, darkroom technique, camera, optics, composition, and critiques of student work. The student should have access to a 35mm camera with an adjustable shutter and lens. This course requires six class hours per week.

ART 205 - Design Thinking & Innovative Problem Solving

1 semester, 3 Credits

Design thinking is an approach designers take to problem solving through an iterative process of research, idea-generation, and experimentation. This process yields insight and solutions for virtually any type of challenge, whether in the arena of visual design, business, or public service. It embraces visual thinking (including sketching, diagramming, and making) as critical tools in developing, understanding, and communicating ideas.

ART 213 - Drawing III

1 semester, 3 Credits

A continuation of Drawing II and an introduction to projects requiring longer preparation. Students may begin to work in color. This course requires six class hours per week. *Prerequisite: ART 112.*

ART 223 - Sculpture III: Life Sculpture

1 semester, 3 Credits

The human form is investigated directly from a model. In addition, the student will do studies of the head, hands, and feet. This course requires six class hours per week. *Prerequisite: ART 121.*

ART 233 - Painting III

1 semester, 3 Credits

An advanced course in painting in which the student is encouraged to develop an expanded vocabulary of forms through research and technical exploration. This course requires six class hours per week. *Prerequisite: ART 132.*

ART 242 - Digital Imaging: Etching

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Utilizes the computer and drawing to produce full color images in a traditional print medium, intaglio etching. Through a series of lecture demonstrations, there will be an introduction to hands-on drawing experience, plate preparation, and Photoshop visual imaging software. Experience in drawing or Photoshop is not required, although some computer literacy would be useful. This course requires six class hours per week.

ART 243 - Digital Imaging: Screenprinting

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Through a series of lecture demonstrations, Photoshop visual imaging software, and drawing will be used to explore full-color images in screenprinting. As in ART 242, experience in drawing or Photoshop is not required, although some computer literacy would be helpful. This course requires six class hours per week.

ART 246 - Digital Imaging: Type/Design/Art

1 semester, 3 Credits

This studio course uses computers and drawing to investigate typography as an art form. There will be a thorough review of the history and construction of typefaces since the Renaissance and each person will use the computer to research, draw, and create a new and unique typeface. This course requires six class hours per week.

ART 253 - Ceramics III: Advanced Wheelwork

1 semester, 3 Credits

Ceramics majors develop a personal sense of direction with assignments that increase skill and artistry. Students learn to relate their work to historical and contemporary traditions. Glaze chemistry will also be introduced so that the student can begin the process of involvement with the technical demands of glazing. This course requires six class hours per week. *Prerequisite: ART 152.*

ART 270 - Special Topics in Studio Art

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

ART 270, 370, 470 are special topics courses on subjects of special interest offered students at different levels in various areas of studio art. This course requires six class hours per week.

ART 272 - Photography: Advanced Darkroom Practice

1 semester, 3 Credits

Required of all studio art majors concentrating in photography. A continuation of Photography I. The intermediate student is encouraged to develop his/her own style through a series of technique-oriented projects. The class is structured around weekly critiques of student work. This course requires six class hours per week. *Prerequisite: ART 171 or permission of the instructor.*

ART 273 - Introduction to Digital Photography: Digital Workflow and Concept

1 semester, 3 Credits

Required of all studio art majors concentrating in photography. An introduction to color photography. The student will also be required to produce a high level of design and finish. This course requires six class hours per week.

ART 289 - Bauhaus Design

1 semester, 3 Credits

When the Bauhaus opened in 1919 in the aftermath of a devastating world war, it envisioned a new kind of Artist who would be comfortable in a variety of media. This is the interactive experience of being at the Bauhaus; each week will combine discussion of the history and personalities of the school with the creation of a Bauhaus inspired object. *Same as MKT 292.*

ART 301 - Development of North American Architecture

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

A study of North American architecture and the cultural context in which it was produced, from the 17th century to the present. *Same as ARH 301 and AMS 301. Prerequisite: ARH 106 or permission of the instructor.*

ART 314 - Drawing IV

1 semester, 3 Credits

Advanced work dealing with more innovative aspects of drawing, encouraging exploration of personal

forms and themes as well as research and technical exploration. This course requires six class hours per week. *Prerequisite: ART 213.*

ART 315 - Drawing V

1 semester, 3 Credits

Advanced study in drawing through an independent study program prearranged with the instructor. This course requires six class hours per week. *Prerequisite: ART 314.*

ART 333 - Community Lens

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Fine Arts

Examines the concept and practice of community and social change through the lens of photography. Students learn digital photography skills, engage in a community-based photography project, and produce a final photo exhibition. *Same as GST 333 and PSP 333.*

ART 334 - Painting IV

1 semester, 3 Credits

This course requires six class hours per week. *Prerequisite: ART 233.*

ART 335 - Painting V

1 semester, 3 Credits

This course requires six class hours per week. *Prerequisite: ART 334.*

ART 345 - Printmaking V: Advanced Screenprinting

1 semester, 3 Credits

Advanced non-toxic screen printing. Continued investigation including larger format, photographic ideas, and the ability to produce a limited edition. This course requires six class hours per week. *Prerequisite: ART 243.*

ART 354 - Ceramics IV: Sculpture

1 semester, 3 Credits

Development of concepts, objects, installations, and environments using ceramic materials. This course requires six class hours per week. *Prerequisite: ART 152.*

ART 355 - Ceramics V: Production

1 semester, 3 Credits

Students will explore various production processes. Attention will be given to casting methods, hand building, and wheelwork. This course requires six class hours per week. *Prerequisite: ART 152.*

ART 370 - Special Topics in Studio Art

1 semester, 3 Credits

ART 270, 370, 470 are special topics courses on subjects of special interest offered students at different levels in various areas of studio art. This course requires six class hours per week.

ART 374 - Photography: Concept and Process

1 semester, 3 Credits

An advanced color and black and white course. Students will continue perfecting their color skills, but will also be introduced to experimental color and black and white projects structured to expand photography beyond the continuous tone image. This course requires six class hours per week.

Prerequisite: ART 171 or ART 273 or permission of the instructor.

ART 375 - Photography: Digital Workflow in Large Format Photography

1 semester, 3 Credits

Required of all studio art majors concentrating in photography. An introduction to large-format photography, structured around the 4 x 5 view camera, with projects in portrait, still life, and architectural photography. This course requires six class hours per week. *Prerequisite: ART 171 or ART 273 or permission of the instructor.*

ART 400 - Senior Seminar in Studio Art

1 semester, 3 Credits

Required for all seniors majoring in studio art. A combined seminar/studio aimed at increasing students' ability to develop independent artwork. Students will engage with contemporary art and prepare for a range of professional experiences and practices. Designed to prepare students for the capstone thesis exhibition in the spring. *Prerequisite: limited to Senior Studio Art majors.*

ART 416 - Drawing VI

1 semester, 3 Credits

Advanced study in drawing through an independent study program prearranged with the instructor. Work done in this course looks toward the senior thesis exhibition. This course requires six class hours per week. *Prerequisite: ART 315.*

ART 470 - Special Topics in Studio Art

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communications

ART 270, 370, 470 are special topics courses on subjects of special interest offered students at different levels in various areas of studio art. This course requires six class hours per week.

ART 490 - Independent Study

1 semester, 3 Credits

Open primarily to senior Art/Art History majors. In consultation with the faculty member, the student may propose to explore advanced topics in the field outside of the regular departmental offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson. *Prerequisite: Permission of the chairperson.*

Art History

ARH 103 - Tribal and Village Art

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

A survey of the arts of Africa, Oceania, North and South America, including works of the Eskimos, American Indians, and South Sea Islanders.

ARH 104 - Asian Art

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

A survey of the arts of India, China, and Japan presented in their historical and cultural context. *Same as AST 104.*

ARH 106 - Art History Survey

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

A survey of the visual arts in relation to political, religious, social, economic, and aesthetic values from prehistoric times to the present, primarily focused on the Western tradition.

ARH 110 - Introduction to Museum Studies

1 semester, 3 Credits

An introduction to the aims and methods of museums and curators with special emphasis upon study from original works, connoisseurship, and exposure to practical training. *Prerequisite: ARH 106 suggested.*

ARH 200 - Art of the Ancient Classical World (Crete, Greece, and Rome)

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

An introduction to art from Cycladic figures in the Aegean to the Parthenon in Athens; from the frescoes of Pompeii to the fall of Rome. *Prerequisite: ARH 106 suggested.*

ARH 204 - Medieval Art and Architecture

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

An introduction to Christian, Jewish, and Islamic art and architecture in Europe and Byzantium; from the fall of the Jerusalem Temple in the first century to the flourishing of Gothic cathedrals in the 14th century. *Prerequisite: ARH 106 suggested.*

ARH 205 - Italian Renaissance Art

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

A sociocultural study of painting, sculpture, and architecture in Florence, Rome, and Venice from ca. 1300-1600, featuring the work of Giotto, Brunelleschi, Donatello, Botticelli, Leonardo, Michelangelo, Raphael, and Titian. *Prerequisite: ARH 106 suggested.*

ARH 207 - American Art

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

An introduction to American painting, sculpture, and architecture from Colonial times to the present. *Same as AMS 207. Prerequisite: ARH 106 suggested.*

ARH 209 - Modern Art

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

An introduction to the various movements and trends in painting, architecture, and sculpture, from the end of the 19th century to the present. *Prerequisite: ARH 106 suggested.*

ARH 270 - Special Topics in Art History

1 semester, 3 Credits

Identifies subjects of special interest in art history taught at the introductory level.

ARH 301 - Development of North American Architecture

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Fine Arts

A study of North American architecture and the cultural context in which it was produced, from the 17th century to the present. *Same as AMS 301 and ART 301. Prerequisite: ARH 106 or permission of the instructor.*

ARH 304 - American and European Art Since 1945

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Introduces major trends in Western, and especially American art post World War II. A variety of media will be addressed, including not only traditional visual arts, but a full range of new genres, as well. Social and cultural context for works of art and the shifts in style will be emphasized. *Same as AMS 304. Prerequisite: ARH 106 or 209.*

ARH 306 - Baroque and Rococo Art

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

A study of painting, sculpture, and architecture in the political, social, and religious context of 17th and 18th century Europe set in the context of patterns of patronage. *Prerequisite: ARH 106 suggested.*

ARH 320 - Women in the Arts, 1960-Present

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Fine Arts

Examines the contributions of women to the arts through an analysis of prominent and influential works in the visual, performing, and literary arts. Each artist's work is considered not only in and of itself, but also as representative of its media, and against a backdrop of historical, sociological, and political circumstances surrounding female achievement. *Same as TDF 320 and WMS 320.*

ARH 360 - Prehistoric Archaeology

1 semester, 3 Credits

Introduces the student to the methods, theory, and interpretation of prehistoric archaeology, focusing on the evolution of human cultures, their subsistence technologies, and forms of social organization and ideology as revealed by the archaeological record, from the end of the Ice Ages to the rise of early civilizations in both the Old and New Worlds. *Same as APG 360.*

ARH 370 - Intermediate Special Topics in Art History

1 semester, 3 credits

Identifies subjects of special interest in art history at the intermediate level.

ARH 380 - Interpretive Methods in Art History

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Introduces students to the variety of approaches to the interpretation of art, art history, and material culture. Required for all junior art history majors; open to other advanced students in related fields or with significant art historical background.

ARH 450 - Internship

1 semester, 3 Credits

Offers advanced students' academic credit for a supervised work and learning experience in an art-related organization. Students work with a faculty advisor and on-site supervisor to develop a series of structured assignments and prepare a final report. Interested students should contact the Art and Art History Department as early as possible. *Prerequisites: Permission of instructor and department chair, junior or senior status, and major in studio art or art history.*

ARH 470 - Advanced Special Topics in Art History

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Identifies subjects of special interest in art history taught at the advanced level.

ARH 479 - Special Topics

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity, Natural Science

ARH 490 - Independent Study

1 semester, 1-3 Credits

Open primarily to senior art history majors. In consultation with the faculty member, the student may propose to explore advanced topics in the field outside of the regular departmental offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson. *Prerequisite: Permission of the chairperson.*

ARH 498 - Principles of Research

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Required of senior art history majors. In readings and seminar discussions, students learn bibliographical resources and utilize critical methodologies of the art historian in order to research and write a thesis.

Asian Studies

AST 104 - Asian Art

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

A survey of the arts of India, China, and Japan presented in their historical and cultural context.

Same as ARH 104.

AST 200 - Japanese Pop Culture as Postwar History

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Interdisciplinary exploration of modern Japanese popular culture and as a way of understanding Japan's postwar history. Examines such familiar pop-cultural objects as the samurai, baseball, giant monsters (*kaijū*), and Japanese animation (*anime*), among other topics, while also analyzing their historical context and appropriation in other milieu. *Same as HIS 200.*

AST 298 - East Asian History I

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

A survey of East Asian history from its beginnings through the late-eighteenth century. Acquaints students with the major topics in early Chinese, Japanese, and Korean history and explores such themes as the construction of political authority, the place of marginal social groups, and the intercultural interactions that characterized the region's history. *Same as HIS 298.*

AST 299 - East Asian History II

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

A survey of modern East Asian history from the mid-nineteenth to the late twentieth centuries. Focuses on Asia's transition to modernity, and such topics as the development of the modern nation-state in Japan, imperialism and revolution in China, Korea's colonial period, the Second World War, and Asia's place in the Cold War world. *Same as HIS 299.*

AST 321 - Chinese Politics

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Examines politics in the People's Republic of China. Topics include, for example, politics and social structure prior to 1949, the Communist Party and Cultural Revolution, state society relations, ideology and religion, elite politics, grass roots mobilization, domestic and international consequences of market reforms, popular protest, and prospects for political liberalization. *Same as PSC 321.*

AST 325 - Comparative Revolutions

1 semester, 3 Credits

Surveys concepts and theories of revolution. Generalizations derived from studies of the great Western revolutions in England, France, and Russia will be re-examined in the light of recent experiences in China, Vietnam, Cuba, or Iran. *Same as HIS 325.*

AST 369 - Modern China

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

An in-depth exploration of the history of China from the mid-nineteenth century to the present day. Topics include: the late Qing dynasty, Western imperialism in China, the 1911 Revolution, the Second World War, the rise of the People's Republic, and the reform programs of the post-Mao era. Students will analyze the significant primary sources associated with pivotal moments in Chinese history and develop familiarity with the major issues in the field. *Same as HIS 369.*

AST 488 - Warriors in Japanese History

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Traces the figure of the warrior in Japanese history from ancient times to the twentieth century, with special emphasis on warriors' changing social and cultural roles. Topics include medieval war tales, the genesis of the "way of the warrior" in the early modern era, and the modern re-appropriation of the warrior as a masculine ideal. *Same as HIS 488.*

HIS 368 - Modern Japan

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

An in-depth exploration of the history of Japan from the mid-nineteenth century to the present day. Topics include: the collapse of the Tokugawa shogunate, the Meiji Restoration and Japan's subsequent transformation into a modern-nation state, Japan's imperial expansion into East Asia, the Second World War, and Japan's postwar recovery and growth. Students become familiar with major debates in the field, significant primary sources, and secondary sources of the era. *Same as HIS 368.*

PSC 320 - Comparative Asian Government and Politics

1 semester, 3 Credits

Uses a comparative approach to examine the political systems of various Asian nations including China, Japan, the Koreas, and Indonesia. Special attention will be given to the impact of culture on politics and the political institutions and the politics of Asian economic development.

Same as PSC 320.

Biology

BIO 103 - General Biology: Cells and Organisms

1 semester, 4 Credits **Core Foundation/Proficiency:** Natural Science

One of two complementary introductory courses intended for science majors, which covers cell structure, function, and energetics, with an emphasis on the flow of genetic information within the organism. These will be illustrated with physiological examples taken from a diversity of biological systems. Laboratory work consists of manual and visual experience with these topics.

See Academic Policies for specific policies related to the Natural Science Core requirement.

Prerequisite: Chairperson permission required for non-science majors.

BIO 104 - General Biology: Ecology and Evolution

1 semester, 4 Credits **Core Foundation/Proficiency:** Natural Science

One of two complementary introductory courses intended for science majors, which covers genetics, ecology, and evolution, with an emphasis on the flow of genetic information among generations, populations, and species. Laboratory work consists of manual and visual experience with these topics. See Academic Policies for specific policies related to the Natural Science Core requirement.

Prerequisites: Chairperson permission required for non-science majors.

BIO 121 - Environmental Biology

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

Information is necessary in order to understand and act upon problems associated with overpopulation, resource depletion, air and water pollution, acid rain, ozone depletion, desertification, or nuclear wastes. Aims to develop a perspective based on fundamental properties of mass and energy flow through ecosystems. Intended for non-science majors only.

BIO 122 - Human Biology

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

Intended to present the principles of human biology designed to promote the understanding of the body. Subject matter will provide students with the ability to make informed decisions in their lives. The course will present cell theory, genetics, evolution, and human ecology. An analysis of the organ systems of the human body and their diseases are discussed. Intended for non-science majors only.

BIO 123 - Photobiology

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

There would be no life without light. Explores the dependence of organisms, from microbes to humans, on access to and utilization of sunlight as an energy source. Examines the ways organisms use and depend on light in processes such as photosynthesis, photoperiodicity, photomorphogenesis, vision, circadian rhythms, migration, and bioluminescence. The detrimental and beneficial effects of light on the ecosystem and in medicine are considered.

BIO 124 - Ethnobotany, the Study of the Plants We Use

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

Examines the intimate relationship between humans and plants. Students will explore the origin, history, and use of food plants, medicinal plants, and ornamental plants. These plants will be placed not only in a cultural context, but in a biological context as well. A component of this course is occasional field trips. Intended for non-science majors only.

BIO 125 - Microbes and Man

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

Considers the microbial world and its interaction with human life. Although the beneficial aspect of microbes is considered, the emphasis is on the role of microbes as causative agents of disease from a public health point of view. Topics include the biology of microbes, a survey of major microbial diseases, antibiotic resistance, biological warfare and terrorism, and immunization. Intended for non-science majors only.

BIO 126 - Evolution and Modern Biology

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

An explanation of evolution at the non-technical level: DNA, proteins, gene mutation, variation, natural selection, and speciation. Digressions include viruses, cancer, genetic engineering, and topical issues. In the second half, macroevolutionary patterns from the history of life on Earth focus on human ancestry but with attention to diversity and extinction events in other kinds of organisms through time. Intended for non-science majors only.

BIO 128 - Food Politics

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

Food and political power have a long and interesting history. Currently, the West is enjoying a golden age of cheap food. How this cheap food came about, why the benefits of such a system are not more widely distributed, and why some are concerned about sustainability of these systems are the central topics. The main goal is to enhance science literacy by introducing the sustainability issues facing agriculture today in a historical framework. Discussion format with embedded lectures and activities.

BIO 200 - Cell Biology and Molecular Genetics

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Provides an introduction to cell biology and molecular genetics and is intended for sophomore biology majors. The course focuses on four major areas: fine structure of cells, intra- and intercellular communication, energetics, and the molecular organization and transfer of genetic information. Experimental design, methodology, and current biotechnological applications will be considered.

Prerequisites: BIO 103-104.

BIO 201 - Comparative Anatomy

1 semester, 4 Credits

A lecture and laboratory course emphasizing evolution of general body plan, adult anatomy, and organ system homology. Laboratory dissection includes cats, sharks, and others, plus demonstration specimens. Although premedical students often have an interest in the course, it is intended as a general gateway for all further studies of vertebrate biology without special emphasis on human anatomy or clinical application. *Prerequisites: BIO 103-104.*

BIO 202 - Foundations of Environmental Biology

1 semester, 3 Credits

An introduction to environmental biology, ecology, and the relationship between humans and the natural world. A broad survey of environmental science with emphasis on the foundational components of biology, geology, biogeochemistry, and ecology. Prepares students for upper-level coursework and research within the Environmental Biology major, and draws on current events and case studies. *Prerequisites: BIO 103 and 104.*

BIO 205 - Human Anatomy

1 semester, 4 Credits

Human organ systems from an integrated and functional perspective, especially for students preparing for non-medical school or allied health programs. The laboratory includes cat dissection and human anatomical models as well as the latest software technology. *Prerequisites: BIO 103-104.*

BIO 210 - Field Botany

1 semester, 4 Credits

Involves the collection, identification, and ecological relationships of plants as observed in nature. One lecture and one six-hour field trip/week. *Prerequisite: Permission of the instructor.*

BIO 215 - Histology and Cytology

1 semester, 4 Credits

Study of the micro anatomy of animal cells, tissues, and select organs/organ systems. The correlation between structure and function is an overriding theme; genetic, molecular, and developmental aspects of cells and tissues also will be addressed. Students will learn to recognize and identify cells, tissues, and organs, and will refine their light microscopy skills in the lab. *Prerequisites: BIO 103-104.*

BIO 220 - An Introduction to Tropical Biology

1 semester, 4 Credits **Core Foundation/Proficiency:** Natural Science

Familiarizes students with terrestrial and marine tropical biology. A nine-day trip to a tropical destination provides extensive field experience. The trip is a required component of the course. Students are charged room/board and airfare in addition to their tuition. *Prerequisites: At least one semester of biology and permission of the instructor.*

BIO 225 - Symbiosis

1 semester, 3 Credits

Interactions and associations among organisms shape life on Earth. Course explores "symbiosis", a particular type of interaction among organisms. Definitions of symbiosis vary, and these definitions will be addressed. Explores a range of symbiotic systems and examines how these systems illustrate important concepts in evolutionary and ecological theory. Topics may include: the origin of eukaryotic life through endosymbiosis, coral-algae symbiosis and climate change, the impact of symbiosis on agriculture, and how the human microbiome affects our health and development. *Prerequisites: BIO 103-104.*

BIO 227 - Genes and Gender

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Explores the role of genetics and biology of gender. A review of both classical and molecular genetics will provide a basis for consideration of the extent to which gender is determined by genes and their regulation. Additionally, the course will focus on the extent to which transcription and translation of genes produce sexual dimorphism and gender specific human behavior. *Intended for Biology majors who have completed BIO 103-104. Open to non-BIO majors who have sufficient background with permission of the instructor. Same as: WMS 227.*

BIO 240 - Marine Biology

1 semester, 4 Credits

An investigation of marine communities and the important physical and chemical variables influencing marine organisms. Lecture topics will include: effects of the aquatic environment in terms of body form, life history, and ecology; the relationship between physical and biological structure; nutrient cycling; and oceanic productivity. Course combines field and laboratory study at the ecosystem and individual organism level. *Prerequisites: BIO 103-104 or permission of the instructor.*

BIO 250 - Biogeochemistry: Nutrients, Cycles and Global Change

1 semester, 3 Credits

Brings together concepts from biology, chemistry, geology, and physics to introduce the student to the field of Biogeochemistry. Examines terrestrial, ocean and freshwater environments; global water, nutrient, chemical, and energy cycles. Special focus placed on the carbon, nitrogen, phosphorus, and sulfur cycles, with emphasis on how biology interacts with these cycles. *Prerequisites: BIO 103, BIO 104, CHM 101 and CHM 102.*

BIO 308 - Modern Genetics

1 semester, 4 Credits

Presents the basic principles of classical and molecular genetics with an emphasis on experimental design, data analysis, and problem solving. Recent advances in molecular and human genetics will be discussed with the use of research papers from the literature. Laboratory exercises will introduce students to the basic techniques and experimental protocols of molecular biology and genetics.

Prerequisite: BIO 200.

BIO 310 - Evolution

1 semester, 3 Credits

Designed as an introduction to Darwinian evolutionary theories. Topics include the rise of evolutionary biology, molecular and Mendelian genetics, evidence for evolution, natural selection, molecular evolution, adaptation, macro evolutionary change, speciation, fossil record, biogeography, and classification. Intended for biology majors and minors. *Prerequisites: BIO 103-104 or permission of the instructor.*

BIO 320 - Developmental Biology

1 semester, 4 Credits

Designed to familiarize students with the principles of development in biological systems. In lectures and laboratories, the process of the emergence of mature from less mature stages in the living organism is considered at various levels: molecular, cellular, tissue, and organismal. Emphasis on the description and experimental bases of developmental processes. *Prerequisite: BIO 200.*

BIO 330 - Comparative Biomechanics

1 semester, 4 Credits

The bewildering diversity of living forms on earth has evolved in accordance with basic physical principles. This course examines the physical rules affecting potential designs of living organisms. Course topics include essential size-shape patterns and the mechanics of walking, running, flying, and swimming. Combines field and laboratory studies of animal structure and function. *Prerequisites: BIO 103-104 or permission of the instructor.*

BIO 340 - Environmental Methods & Statistical Analysis

1 semester, 4 Credits (with lab)

A thorough introduction to methods and analyses used in environmental research, providing students with hands on experience with the primary software used in the field, including R and ArcGIS. Students will be able to formulate and identify research questions, design and critique experiments, manage and analyze data, test hypotheses, interpret results, and communicate their findings.

Prerequisites: BIO 202 and MTH 218.

BIO 350 - Animal Behavior

1 semester, 4 Credits

Animal behavior investigates the mechanisms, ecology, and evolution of actions by animals as well as historical and current perspectives on the study of animal behavior. Emphasis is placed on discussing proximate and ultimate questions about behavior. The laboratory provides instruction on methods for conducting behavioral research, plus field trips. *Prerequisites: BIO 103-104 or permission of the instructor.*

BIO 360 - Neurobiology

1 semester, 4 Credits

Focus on the biology of neurons—their structure, biology, signaling mechanisms, and how they are affected by psychoactive drugs and disease. An emphasis will be placed upon the cellular and molecular approaches to neurobiology. The laboratory will examine the regulation of neuronal activity and development through the use of computer simulations, animal models, and modern research methods. *Prerequisite: BIO 200.*

BIO 395 - Research

1 semester, 3 Credits

The investigation of special problems in biology. The widest freedom of choice of a problem, compatible with the personnel and physical facilities of the department, will be allowed the student. With the permission of the faculty supervisor, 395 may be elected by highly qualified biology majors on a pass/fail basis only. *Prerequisite: Permission of instructor.*

BIO 396 - Research

1 semester, 3 Credits

The investigation of special problems in biology. The widest freedom of choice of a problem, compatible with the personnel and physical facilities of the department, will be allowed the student. With the permission of the faculty supervisor, 396 may be elected by highly qualified biology majors on a pass/fail basis only. *Prerequisite: BIO 395; Permission of instructor.*

BIO 401 - Ecology

1 semester, 4 Credits

An introductory course designed to familiarize students with the principles and scope of ecology. The ecosystem approach is emphasized. Some consideration is given to environmental pollution and conservation of natural resources. Field trips are designed to acquaint students with the various habitats present in Rhode Island and the neighboring states. *Prerequisites: BIO 103-104 or permission of the instructor.*

BIO 405 - Physiology

1 semester, 4 Credits

Covers the basic principles and mechanisms of animal physiology. Emphasis is placed upon nervous systems, sensory mechanisms, endocrine systems, intracellular signaling mechanisms, and muscle contractility. Homeostatic mechanisms and the systems responsible for supply of the internal

environment are also discussed. The laboratory consists of mainly experimental procedures of cellular physiology. *Prerequisite: BIO 200.*

BIO 407 - Microbiology

1 semester, 4 Credits

A lecture-laboratory, primary scientific literature course covering the biology of microorganisms with emphasis on bacteria and viruses. Microbes are important research tools in many areas of cellular biology, as well as in microbiology per se. Lectures and laboratory exercises will be devoted to a survey of the microbial world, bacterial metabolism and growth, viruses, bacterial genetics, and host-parasite relationships. *Prerequisite: BIO 200.*

BIO 410 - Electron Microscopy

1 semester, 4 Credits

Students are required to become proficient in the basic preparation techniques of biological materials for transmission and scanning electron microscopy, in the theory and operation of the scanning electron microscope (SEM) and the transmission electron microscope (TEM), and in the documentation of data derived from these instruments. *Prerequisites: BIO 103-104 or permission of the instructor.*

BIO 413 - Cell Signaling

1 semester, 3 Credits

Biological systems are subject to regulation and many recent advances have delineated the molecular mechanisms underlying this regulation. This course is designed to provide coverage across a broad spectrum of disciplines including genetics, developmental biology, neurobiology, immunology, physiology, and cell biology. Class discussions will focus on readings from the recent scientific literature. *Prerequisite: BIO 200.*

BIO 416 - Immunology

1 semester, 4 Credits

Study of how humans and other animals defend themselves against invasion by other organisms. Subjects include the fundamental aspects of innate, humoral, and cell-mediated immunity. Emphasis on the molecular and cellular aspects of immunology. Experiments that are germane to the main topics will be discussed. *Prerequisite: BIO 200.*

BIO 444 - Biology of Cancer

1 semester, 3 Credits **Core Foundation/Proficiency: Oral Communication**

Interrogates cancer by focusing on the eight hallmarks that define cancer cells: evasion of apoptosis, insensitivity to anti-growth signals, self-sufficiency in growth signals, sustained angiogenesis, tissue invasion and metastasis, a limitless replicative division potential, reprogramming of energy metabolism, and the evasion of immune destruction (cf. Hanahan and Weinberg, 2011). *Prerequisite: BIO 200.*

BIO 450 - Internship

1 semester, 3 Credits

Offers majors an opportunity to explore practical applications of biological principles in the workplace. Students prepare a proposal, obtain site supervisor and department chair approval, and complete an Internship Learning Agreement prior to registration. Minimally, students spend 8-12 hours per week on site, maintain a journal, and complete a paper integrating academic and experiential components. *Pass/fail basis only.*

BIO 451 - Service Learning in Biology

1 semester, 3 Credits

Students will use their biology skills to engage in civic action either through service work or other forms of advocacy work. Students will identify service or advocacy organizations and site supervisors; perform service or produce advocacy products (e.g., grant writing, Op-Eds, letters to representatives) equivalent to 6-8 hours per week; keep a journal to document and reflect on service and advocacy activities; attend and participate in several meetings throughout the semester to share and discuss issues of civic engagement. *Prerequisite: Open to Junior and Senior Biology majors.*

BIO 474 - Neuroscience Capstone

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Senior capstone seminar for the Neuroscience Certificate Program. Students will have the opportunity to integrate and synthesize information learned in previous courses and to explore in more depth specific areas of interest within neuroscience. Biological and psychological aspects of neuronal function and dysfunction will be explored. *Same as PSY 474. Prerequisite: Senior status as a Neuroscience Certificate student or by permission of instructor.*

BIO 475 - Advanced Topics Seminar

1 semester, 3 Credits

Critically examines an advanced topic of contemporary interest to biology students and faculty. Content is variable for each section. The course is offered after consideration by the department faculty and at the discretion of the chair. Junior and senior biology majors will be given preference. *Prerequisite: At the discretion of the instructor.*

BIO 476 - Advanced Topics Seminar

1 semester, 4 Credits **Core Foundation/Proficiency:** Civic Engagement; Oral Communication

Critically examines an advanced topic of contemporary interest to biology students and faculty. A laboratory component adds a hands-on approach to understanding the topic area. Content is variable for each section. The course is offered after consideration by the department faculty and at the discretion of the chair. Junior and senior biology majors will be given preference. *Prerequisite: At the discretion of the instructor.*

BIO 479 - Advanced Topics Seminar

1 semester, 3 or 4 Credits **Core Foundation/Proficiency:** Oral Communication, Natural Science

Critically examines an advanced topic of contemporary interest to biology students and faculty. Content is variable for each section. The course is offered after consideration by the department faculty and at the discretion of the chair. Junior and senior biology majors will be given preference.

Course may fulfill the civic engagement and/or the oral communication proficiency. *Prerequisite: At the discretion of the instructor*

BIO 495 - Research

1 semester, 3 Credits

Continuation of 396, culminating in a documented report of progress. With the permission of the faculty supervisor, 495 may be elected by highly qualified biology majors on a pass/fail basis only. *Prerequisites: BIO 396 and permission of the instructor.*

BIO 496 - Research

1 semester, 3 Credits

Continuation of 495, culminating in a documented report of progress. With the permission of the faculty supervisor, 496 may be elected by highly qualified biology majors on a pass/fail basis only. *Prerequisites: BIO 495 and permission of the instructor.*

Black Studies

BLS 101 - Introduction to Black Studies

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Diversity; Social Science

Familiarizes the student with the foundations of black studies as a scholarly inquiry, introducing the diverse field's most important theoretical approaches, preparing the student for further courses in black studies while building analytical skills and fostering an understanding of black life and culture in the Americas. Students will engage in a semester long activism project.

BLS 107 - The African-American Artist

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

An introduction to African-American achievements in the visual arts, especially painting, from Colonial times to the present. *Same as AMS 107 & ARH 107.*

BLS 225 - The African World View

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Social Science

Introduces African history and culture as an independent aspect of world civilization. Considers Afrocentrism, post-colonialism, world systems analysis, dependency theory, colonialism, imperialism, state formation, and cultural exchange. Shows how distinctive African contributions have shaped, and are shaped by, the world's cultures.

BLS 227 - History of Jazz

1 semester, 3 Credits

A study of the history of jazz from African music to contemporary trends and more popular forms. Emphasis will be placed on styles and performers. Analytical listening will be required. *Same as AMS 227 and MSC 227.*

BLS 230 - Faith and Spirit in the Black Family and Community

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Diversity; Social Science

Covers the many ways in which religious practice and faith have contributed to the development of contemporary African-American society and culture. African and African-American Catholicism, conventional and evangelical Protestantism, Islam, traditional African spirituality, syncretic traditions of the Caribbean and South America, voodoo, and contemporary mysticism are considered. Students will engage in a semester long activism project.

BLS 302 - Diversity, Community, and Service

1 semester, 3 Credits

Diversity in American society and its implications for people in community service. Topics: ethnicity/race, language, religion, gender, social class, sexual orientation, and peoples with "disabilities." Students study problems in cross-cultural communication and ways in which their life experiences and social structures of service organizations affect community service. Community service case studies relevant to diversity issues used. *Same as PSP 302. Prerequisite: PSP 101 or instructor permission.*

BLS 303 - Urban Politics in the United States

1 semester, 3 Credits

A survey of city politics in the United States from a variety of theoretical perspectives, using analytical concepts such as social class, pluralism, political economy, and urban regimes. Includes urban elections and party machines, metropolitan development and suburbanization, and racial and ethnic political mobilization. Fulfills the American Politics requirement. *Same as PSC 303.*

BLS 304 - Social Movements

1 semester, 3 Credits

What was it like to be a part of the 1950s and 1960s U.S. civil rights movement? Examines why people join social movements, how they are organized, why they occur when they do, and why they succeed or fail, and offers a critical evaluation of current theories of social and political movements. *Same as SOC 304.*

BLS 305 - Race and Racism

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

An analysis of race and ethnic relations in America with special emphasis on the historical and contemporary experience of Native Americans, Latinos, Asian Americans, African Americans, and European Americans. Sociological theory and data are used to examine the structural sources and effects of racism, prejudice, and discrimination. *Same as SOC 305.*

BLS 307 - Urban Sociology

1 semester, 3 Credits

Identifies the extent of, and reasons for, such urban problems as poverty, crime, and homelessness in cities such as Providence, New York, Boston, and Chicago. In generating explanations and developing solutions, the course draws on the theories of urban sociologists and on the personal experience of those who confront urban problems. *Same as SOC 307.*

BLS 316 - The Civil War and Reconstruction

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

The road to war is traced from the Texas Revolt to the bombardment of Ft. Sumter. The slavery issue is analyzed, and the course of the war is studied in detail. The consequences of the war, attempts to implement differing plans of Reconstruction, and the end of the Reconstruction are examined. *Same as AMS 315 and HIS 316.*

BLS 323 - Contemporary Social Problems

1 semester, 3 Credits

Covers the major social problems of contemporary American society. Attention is given to the problems of poverty, racism, sexism, war, the environment, overpopulation, drug use, and crime. An analysis is made of the structural causes and consequences of these issues. *Same as SOC 323.*

BLS 344 - History of Africa Since 1850

1 semester, 3 Credits

Examines the partition of Africa, colonialism, the growth of African nationalism, independence movements, and the politics of the Cold War. Social and cultural issues also will be considered. *Same as HIS 344.*

BLS 355 - Comparative Race and Inequality

1 semester, 3 Credits

Examines histories and contemporary experiences of race across multiple settings, with attention to how race intersects with other social identities. Explores the relevance of race in understanding inequality, privilege, and community. Scholarly publications, autobiographies, films, non-fiction, media coverage, and community events serve as course texts. *Same as GST 355 and SOC 355.*

BLS 365 - Twentieth-Century African-American Literature

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

A reading-intensive introduction to 20th century African-American fiction, autobiography, drama, and poetry, with particular attention to social and cultural contexts. Writers include Nella Larsen, Ralph Ellison, Amiri Baraka, Toni Morrison, John Edgar Wideman, and Anna Deavere Smith. Focus on race, class, and gender, and on the authors' approaches to the role of literary art in society. *Same as AMS 365 & ENG 365.*

BLS 370 - Special Topics in Black Studies

1 semester, 3 Credits

Provides the opportunity to study course topics not regularly offered. Offerings will focus on some particular aspect of the black experience, such as language and dialect, religion, literature, etc. Students may repeat this course, provided that a specific subject is not duplicated. Courses might include, for example, Critical Feminisms, Issues in Black Communities, and Contemporary Africa. *Prerequisite: permission of the instructor.*

BLS 371 - Global and Postcolonial Literature

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Writing II

Examines contemporary global and postcolonial literature. Focuses on novels and short stories from countries and regions that were formerly part of the British Empire, with an emphasis on Anglophone Caribbean, African, and Indian fiction. Key themes: globalization; the effects of colonization and decolonization on the identities of the decolonized; and migration, exile, diaspora, displacement, and belonging. *Same as ENG 370.*

BLS 376 - Toni Morrison

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Examines a selection of novels by the 1993 Nobel laureate Toni Morrison. Analyzes her dialogue with African American and American history, with an emphasis on individual and communal trauma, memory, and healing. Selected, accessible Morrison scholarship will be studied as well, with a focus on race, class, and gender, and on Morrison's strategies as a creative writer. *Same as AMS 376, ENG 376 & WMS 376.*

BLS 401 - Political Economy of Race

1 semester, 3 Credits

Examines the co-evolution of race and capitalism over the past 500 years, from racial justifications of imperialism (for an early critique see de las Casas 1552) to contemporary processes of neo-colonialism, neo-liberalism and racial capitalism. *Same as GST 401 and SOC 401. Prerequisites: One of the following: BLS 101, SOC 313, SOC 315, GST 355, or permission of instructor.*

BLS 413 - The Power of Whiteness

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Historical development of "whitenesses" within the context of colonialism, slavery, imperialism and globalization, and their aftermaths as a way of understanding the cultural environments and processes of ethno-racial and gender-sexual identity formation today. Hegemonic whiteness is deconstructed and challenged. Whiteness is examined as an unnamed, unmarked category, "whites are just normal," that carries powers and privileges. *Same as AMS 413, SOC 413, and WMS 413.*

BLS 416 - Race and Politics in the Americas

1 semester, 3 Credits

Advanced, in-depth survey of racial politics in North America, the Caribbean, Central America, and South America. Considers analytical perspectives such as post colonialism, pan-Africanism, negritude, indigenismo, critical race theory, racial patriarchy, and the "racial contract." Examines the politics of Indigenous, African-descent, Latino, and Asian and Pacific Islander communities. Fulfills either the American Politics or the Comparative Government and Politics requirement. *Same as PSC 416.*

BLS 425 - African-American Women

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Focuses on sociological analyses of the constructions and reconstructions of African-American women, examining the interrelationships of gender, race, caste, class, racism, and sexism in the United States, past and present. Topics include the family, male-female relations, poverty, discrimination,

social movements, with particular emphasis on origins, consequences, social and individual changes and resistance to change, sociological, and feminist theories. *Same as AMS 425, SOC 425, and WMS 425.*

BLS 470 - Special Topics in Black Studies

1 semester, 3 Credits

Provides the opportunity to study course topics not regularly offered. Offerings will focus on some particular aspect of the black experience, such as language and dialect, religion, literature, etc. Students may repeat this course, provided that a specific subject is not duplicated. Courses might include, for example, Critical Feminisms, Issues in Black Communities, and Contemporary Africa. *Prerequisite: BLS 101 and permission of the instructor.*

BLS 480 - Seminar in Black Studies

1 semester, 3 Credits

A capstone seminar that offers reading, writing, and small-group discussion in a particular aspect of black studies. Topics will vary. *Prerequisite: Junior or senior status, or instructor permission.*

BLS 490 - Independent Reading in Black Studies

1 semester, 3 Credits

The student is provided the opportunity to explore advanced topics in the field outside of the regular departmental offerings. *Prerequisite: Permission of the sponsoring faculty member and the program director.*

BLS 491 - Directed Research Project in Black Studies

1 semester, 3 Credits

Gives students the opportunity to design and carry out a significant research project in some aspect of black studies. The final result of the project may be a long research paper, video documentary, dramatic script or presentation, computer program, or other major work which demonstrates mastery of theory, technique, or subject matter. *Prerequisite: Written permission of the program director and sponsoring faculty member.*

Business Studies Program

BSP 440 - Business Policy and Decision-Making Analysis

1 semester, 3 Credits

Senior-level capstone that covers the principles, methods, concepts, and procedures for decision-making at the corporate business and functional levels. Business firms are examined within their respective industries. The case method tool is used for analysis. *Prerequisite: A declared business studies senior. Must be taken as final course in the program with a maximum of only one other prerequisite simultaneously.*

Chemistry

CHM 101 - General Chemistry I

1 semester, 4 Credits **Core Foundation/Proficiency:** Natural Science

The fundamental principles of chemistry, including laboratory instruction in general chemistry and qualitative analysis. For biology majors and those considering the biology major. (Lectures 3 hours, laboratory 4 hours.) Not open to students with credit in CHM 121-122.

CHM 102 - General Chemistry II

1 semester, 4 Credits

The fundamental principles of chemistry, including laboratory instruction in general chemistry and qualitative analysis. For biology majors and those considering the biology major. (Lectures 3 hours, laboratory 4 hours.) Not open to students with credit in CHM 121-122. *Prerequisites: CHM 101 or CHM 121.*

CHM 105 - Contemporary Chemistry: Environmental Matters

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

Application of chemical principles to the solutions of environmental and societal problems facing man in today's world and in the future. Designed for non-science majors; no prior knowledge of chemistry is required or assumed. (Lectures 3 hours.)

CHM 106 - Billion Dollar Molecules: Chemistry in Life, Drugs, and Medicine

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

Explores the discovery and development of small molecules - from aspirin to acid - that have had an impact on human health. Focuses on the structure and properties of these molecules, and how these features intersect with disease and well-being. Designed for non-science majors; no prior knowledge of chemistry or biology is required or assumed. (Lectures 3 hours.)

CHM 108 - You Are What You Eat: The Molecular Reasons Behind Good Nutrition

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

Studies the science of nutrition, the design of a healthful diet, the chemistry of the major food macromolecules and vitamins, and cellular metabolism. Also discusses the aspects of nutrition that are relevant to contemporary society. Course activities include interactive lectures, case studies, molecular modeling, and laboratory exercises.

CHM 109 - The Scientific Chef: The Chemistry of Cooking

1 semester, 3 Credits

Enhances student understanding of fundamental scientific principles of chemistry, as well as the science of food and cooking. Students will learn and use methods of scientific discovery/inquiry, as well as disciplinary methods of chemistry, to better understand the molecular basis of and importance of science in food and cooking.

CHM 121 - Introductory Chemistry I

1 semester, 4 Credits **Core Foundation/Proficiency:** Natural Science

An introductory chemistry course covering topics such as periodic trends, descriptive chemistry of

selected elements, atomic structure, thermodynamics, gas laws, equilibrium, molecular structure, chemical bonding, oxidation-reduction, acids and bases, and kinetics. Laboratory instruction stresses quantitative analysis. For chemistry, biochemistry, and engineering-physics majors. (Lectures 3 hours, laboratory 4 hours.) Not open to students with credit in CHM101-102. *Prerequisite: CHM 101.*

CHM 122 - Introductory Chemistry II

1 semester, 4 Credits

Covers topics such as periodic trends, descriptive chemistry of selected elements, atomic structure, thermodynamics, gas laws, equilibrium, molecular structure, chemical bonding, oxidation-reduction, acids and bases, and kinetics. Laboratory instruction stresses quantitative analysis. For chemistry, biochemistry, and engineering-physics majors. (Lectures 3 hours, laboratory 4 hours.) Not open to students with credit in CHM 101-102. *Prerequisite: CHM 121.*

CHM 132 - Introduction to Biochemistry

1 semester, 1 Credit

How can you prepare for a career in biochemistry? One-credit lecture is open to all students who are interested in learning more about the field of biochemistry. Topics include the history of biochemistry, current topics in biochemistry, how to prepare for a career in biochemistry, employment opportunities, and challenges in the field. *The class will meet for one hour per week.*

CHM 196 - Research

1 semester, 1 Credit (Pass/Fail)

Second semester freshmen may elect to engage in an original laboratory or theoretical problem in chemistry or biochemistry in collaboration with a member of the faculty.

CHM 201 - Organic Chemistry

1 semester, 4 Credits

A study of the compounds of carbon utilizing a problem-oriented approach both in lecture and laboratory that emphasizes the use of spectroscopic methods. For biology majors. (Lectures 3 hours, laboratory 4 hours.) Not open to students with credit in CHM 221-222. *Prerequisites: CHM 102 or CHM 122.*

CHM 202 - Organic Chemistry

1 semester, 4 Credits

A study of the compounds of carbon utilizing a problem-oriented approach both in lecture and laboratory that emphasizes the use of spectroscopic methods. For biology majors. (Lectures 3 hours, laboratory 4 hours.) Not open to students with credit in CHM 221-222. *Prerequisites: CHM 201 or CHM 221.*

CHM 221 - Organic Chemistry I

1 semester, 4 Credits

A study of the compounds of carbon utilizing a problem-oriented approach both in lecture and laboratory that emphasizes the use of spectroscopic methods. For chemistry and biochemistry

majors. (Lectures 3 hours, laboratory 4 hours.) Not open to students with credit in CHM 201-202.
Prerequisites: CHM 102 or CHM 122.

CHM 222 - Organic Chemistry II

1 semester, 4 Credits

A study of the compounds of carbon utilizing a problem-oriented approach both in lecture and laboratory that emphasizes the use of spectroscopic methods. For chemistry and biochemistry majors. (Lectures 3 hours, laboratory 4 hours.) Not open to students with credit in CHM 201-202.
Prerequisites: CHM 201 or CHM 221.

CHM 295 - Research

1 semester, 1 Credit (Pass/Fail)

Students in the sophomore year may elect to engage in an original laboratory or theoretical problem in chemistry or biochemistry in collaboration with a member of the faculty.

CHM 296 - Research

1 semester, 1 Credit (Pass/Fail)

Students in the sophomore year may elect to engage in an original laboratory or theoretical problem in chemistry or biochemistry in collaboration with a member of the faculty.

CHM 309 - Biochemistry I

1 semester, 3 Credits

An overview of the biochemical reactions associated with living cells. Topics include protein structure/function relationships; enzyme structure, mechanism, and inhibition; carbohydrate and lipid structure. The biochemical reactions of the cell are surveyed, including glycolysis, Krebs's cycle, electron transport, gluconeogenesis, and lipid and amino acid metabolism. The case study approach is used throughout. (Lectures 3 hours.) *Prerequisite: CHM 201 or CHM 221.*

CHM 310L - Biochemistry Laboratory

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

An integrated lecture/laboratory course designed to teach students fundamental laboratory techniques in biochemistry. Experiments include buffer preparation, assays for the detection of biological components, protein purification, SDS-PAGE, Western blotting, enzyme kinetics, DNA isolation, and PCR analysis. Lectures cover experimental theory and methods of analysis. (Lectures 2 hours, laboratory 4 hours.) *Prerequisite: CHM 309. CHM 310L may not be taken concurrently with CHM 309.*

CHM 311 - Chemistry of Materials with Lab

1/2 semester, 2 Credits

The objective is to understand the fundamentals of polymer and nanomaterial chemistry. Students will learn how to prepare and characterize various types of polymers and nanomaterial. Introduces some new spectroscopic techniques used to characterize these materials and study the physical

properties that make them exciting to study in the world of materials chemistry. (Lecture 3 hours, Laboratory 4 hours)

CHM 312 - Biochemistry II

1 semester, 3 Credits

A continuation of the concepts covered in CHM 309. A study of the various strategies of the control of metabolic pathways. Topics include cell signaling, transcription, translation, post-translational processing, regulation of gene expression, and vesicular traffic in the secretory and endocytic pathways. (Lecture 3 hours) *Prerequisite: CHM 309.*

CHM 321 - Physical Chemistry I

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

An examination of the equilibrium behavior of physical/chemical systems from the macroscopic and microscopic points of view. Thermodynamics with applications to phase and solution equilibria and reaction kinetics. For chemistry and biochemistry majors. (Lectures 3 hours.)

CHM 321L - Physical Chemistry I Laboratory

1 semester, 1 Credit

Laboratory course to accompany Chemistry 321. For B.S. chemistry and B.S. biochemistry majors. (Laboratory 4 hours.)

CHM 322 - Physical Chemistry II with Laboratory

1/2 semester, 2 Credits

Physical chemistry is the rationalization of chemical phenomena through the application of physics to subatomic, atomic, molecular and particulate matter. Explores the field of quantum mechanics and quantum chemistry. Looks at how quantum theory has developed and is observed through spectroscopic techniques. (Lecture 3 hours, Laboratory 4 hours)

CHM 322L - Physical Chemistry Laboratory

1 semester, 1 Credit

Laboratory course to accompany Chemistry 322. (Laboratory 4 hours.)

CHM 331 - Advanced Analytical I

1 semester, 4 Credits

The theory and practice of modern instrumental methods are presented. Emphasis is placed on the more important spectroscopic methods and chromatography, which are covered in depth. (Lectures 3 hours, laboratory 4 hours.)

CHM 332 - Organic Analysis with Lab

1/2 semester, 2 Credits

This lecture and laboratory course in organic synthesis and structural analysis will explore new techniques using reactions beyond the sophomore-level curriculum to prepare molecules with complex structures. Students will use advanced NMR spectroscopic techniques to elucidate the structures of

these compounds. The ultimate goal is to develop problem-solving skills by identifying and characterizing novel organic molecules. (Lecture 3 hours, Laboratory 4 hours)

CHM 381 - Chemistry Seminar

1 semester, 1 Credit **Core Foundation/Proficiency:** Writing II

Students will attend all seminars by outside speakers and senior chemistry and biochemistry majors, will write meaningful and constructive critiques of the senior seminar presentations, and will attend and participate in class sessions aimed at identifying a suitable seminar topic.

CHM 382 - Chemistry Seminar

1 semester, 2 Credits **Core Foundation/Proficiency:** Oral Communication

In the junior year, students will construct and present three short developmental presentations leading to a final seminar on a topic from the field of chemistry that demonstrates an ability to read, interpret, and critique original research from the primary chemical literature.

CHM 395 - Research

1 semester, Credit hours variable

Students in the junior year may elect to engage in an original laboratory or theoretical problem in chemistry or biochemistry in collaboration with a member of the faculty. Research may be taken at the student's option for one, two, or three credits.

CHM 396 - Research

1 semester, Credit hours variable

Students in the junior year may elect to engage in an original laboratory or theoretical problem in chemistry or biochemistry in collaboration with a member of the faculty. Research may be taken at the student's option for one, two, or three credits.

CHM 401 - Inorganic Chemistry

1 semester, 4 Credits

Structure and bonding in inorganic systems are the general subjects of this course. Both main group and transition metal chemistry are discussed. (Lectures 3 hours, laboratory 4 hours.)

CHM 432 - Advanced Analytical II with Lab

1/2 semester, 2 Credits

This lecture and laboratory course is a continuation of Chemistry 331 exploring the theory and practice of modern instrumental methods. Emphasis is placed on atomic spectroscopy and electro-analytical methods. (Lecture 3 hours, Laboratory 4 hours)

CHM 442 - Advanced Organic Chemistry

1 semester, 3 Credits

The modern theories of organic structure and physical properties and studies of modern theories of organic reaction mechanisms. (Lectures 3 hours.)

CHM 470 - Special Topics in Biochemistry

1 semester, 3 Credits

Covers advanced topics not covered in Biochemistry I and II. Course materials will include current papers from the scientific literature. Course content will vary according to the interests of the students and the instructor. (Lectures 3 hours.) *Prerequisite: CHM 309.*

CHM 481 - Chemistry Seminar

1 semester, 2 Credits **Core Foundation/Proficiency:** Oral Communication

In the senior year, students will construct and present three short developmental presentations leading to a final seminar on a topic from the field of chemistry- often an area related to their own research- that demonstrates an ability to read, interpret, and critique research from the primary chemical literature.

CHM 482 - Chemistry Seminar

1 semester, 0 Credits **Core Foundation/Proficiency:** Oral Communication

Students will attend all seminars by outside speakers and junior chemistry and biochemistry majors.

CHM 495 - Research

1 semester, Credit hours variable

Students in the senior year may elect to engage in an original laboratory or theoretical problem in chemistry or biochemistry in collaboration with a member of the faculty. Research may be taken at the student's option for one, two, or three credits.

CHM 496 - Research

1 semester, Credit hours variable

Students in the senior year may elect to engage in an original laboratory or theoretical problem in chemistry or biochemistry in collaboration with a member of the faculty. Research may be taken at the student's option for one, two, or three credits.

Classics

CLA 201 - Classics in Translation

1 semester, 3 Credits

Intended as an introduction to masterpieces of Greek and Roman literature. To the extent possible, students will read complete works by major Greek and Roman authors in the best modern translations available. Each semester will focus on some great theme in these ancient literatures. Course may be repeated for credit.

CLA 202 - Classics in Translation

1 semester, 3 Credits

Intended as an introduction to masterpieces of Greek and Roman literature. To the extent possible, students will read complete works by major Greek and Roman authors in the best modern translations available. Each semester will focus on some great theme in these ancient literatures. Course may be repeated for credit.

CLA 210 - Classical Rhetoric

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Challenges students to develop oral communication proficiency by studying ancient rhetorical theory and using it to create original specimens of persuasive speech. By examining the theory and directly applying it, students will become more effective speakers and more critical listeners.

CLA 427 - Classical America

1 semester, 3 Credits

Traces the influence of Greece, Rome and the ancient Near East (Egypt, Mesopotamia) on the United States of America from colonial times to the present. Develops an appreciation for the profound influence of antiquity in such areas as history, government, art, architecture, and literature. No knowledge of Greek or Latin is required. *Same as HIS 427 and AMS 427.*

CLA 490 - Independent Study

1 semester, 3 Credits

CLA 491 - Independent Study

1 semester, 3 Credits

GRK 101 - Elementary Greek

1 semester, 3 Credits

An introduction to the ancient Greek language with systematic presentation of forms and grammar and reading of adapted stories and fables.

GRK 102 - Elementary Greek

1 semester, 3 Credits

An introduction to the ancient Greek language with systematic presentation of forms and grammar and reading of adapted stories and fables.

GRK 201 - Intermediate Ancient Greek

1 semester, 3 Credits

Provides a third semester of study in Ancient Greek. Begins with an intensive review of Greek grammar and vocabulary from the elementary level, and then turns to the translation and study of passages from selected authors. Emphasis is given to accurate translation, style, grammar, and context/significance of the passages.

GRK 202 - Intermediate Ancient Greek

1 semester, 3 Credits

Provides a fourth semester of study in Ancient Greek. Focuses on the study, reading, and translation

of original Greek texts. Emphasis is given to accurate translation, style, grammar, and context/significance of the passages. Greek authors and texts studied each semester will vary.

Prerequisite: GRK 201 or permission of the instructor.

GRK 301 - Advanced Greek I

1 semester, 3 Credits

Provides advanced training in ancient Greek. Course material will vary depending on the semester, with students reading the works of such authors as Thucydides, Herodotus, Sophocles, and Euripides. Course may be repeated for credit with the permission of the instructor. *Prerequisites: GRK 202 or permission of instructor.*

GRK 302 - Advanced Greek II

1 semester, 3 Credits

Provides advanced training in ancient Greek. Course material will vary depending on the semester, with students reading the works of such authors as Thucydides, Herodotus, Sophocles, and Euripides. Course may be repeated for credit with the permission of the instructor. *Prerequisites: GRK 202 or permission of instructor.*

LAT 101 - Elementary Latin

1 semester, 3 Credits

A course in the fundamentals of the Latin language, for those who wish to begin the study of Latin. Grammar and reading of adapted stories and fables.

LAT 102 - Elementary Latin

1 semester, 3 Credits

A course in the fundamentals of the Latin language, for those who wish to begin the study of Latin. Grammar and reading of adapted stories and fables.

LAT 201 - Intermediate Latin

1 semester, 3 Credits

This course reviews and continues the study of the fundamentals of the language and progresses to reading selections from Latin prose and poetry.

LAT 202 - Intermediate Latin

1 semester, 3 Credits

This course reviews and continues the study of the fundamentals of the language and progresses to reading selections from Latin prose and poetry.

LAT 301 - Advanced Latin I

1 semester, 3 Credits

Provides advanced training in ancient Latin. Course material will vary depending on the semester, with students reading the works of such authors as Livy, Tacitus, Ovid, and Seneca. Course may be

repeated for credit with the permission of the instructor. *Prerequisite: LAT 202 or permission of instructor.*

LAT 302 - Advanced Latin II

1 semester, 3 Credits

Provides advanced training in ancient Latin. Course material will vary depending on the semester, with students reading the works of such authors as Livy, Tacitus, Ovid, and Seneca. Course may be repeated for credit with the permission of the instructor. *Prerequisite: LAT 202 or permission of instructor.*

Computer Science

CSC 101 - Introduction to Programming and Data Processing

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

This is a terminal course intended to introduce the student to the programming language BASIC and to popular software such as spreadsheets, word processing, and database management.

CSC 103 - Computer Science I

1 semester, 4 Credits

Introduces the student to digital computer concepts and technical skills. It is intended for students in a technical discipline and those who plan to continue the study of computer science. This course will meet four hours a week, including one hour in the computer lab.

CSC 104 - Computer Science II

1 semester, 4 Credits

Advanced computer science theories will be investigated using a high-level structured computer language. This course will meet four hours a week, including one hour in the computer lab.

Prerequisites: CSC 103 and MTH 108, 110, or 131.

CSC 120 - Applied Data Analytics

1 semester, 3 Credits **Core Foundation/Proficiency:** Quantitative Reasoning

Applied data analytics examines how organizations use data to gain insights and make better decisions by utilizing data modeling and statistical methods. Studies a variety of techniques for descriptive, predictive, and prescriptive data analytics, instructs on efficient result reporting methodologies, and develops skills to produce effective data visualizations. *Prerequisite: Excel Proficiency and permission of the instructor.*

CSC 225 - Discrete Data Structures

1 semester, 4 Credits

Intended to introduce the student to a variety of data structure representations. Program efficiency is directly related to choosing the correct form of data representation. Topics include stacks, queues, linked lists, trees, and graphs. Implementation issues are covered thoroughly. This course will meet four hours a week, including one hour in the computer lab. *Prerequisite: CSC 104.*

CSC 340 - Numerical Methods

1 semester, 3 Credits **Core Foundation/Proficiency:** Quantitative Reasoning

Covers methods for numerical solutions of equations from mathematics and the physical and social sciences. Topics include numerical solutions of equations, interpolation, polynomial approximation, numerical differentiation and integration, initial-value problems, linear systems, least squares methods, and bounding errors. Commercial software and a programming language (such as C++) will be used. *Prerequisites: CSC 225 and MTH 110 or MTH 132.*

CSC 371 - Special Topics in Computer Science

1 semester, 1-4 Credits

The study of a topic in computer science, which is not covered or not treated in-depth in other courses. The format may vary depending on the instructor and the topic. *Prerequisite: Permission of Chairperson or Instructor.*

CSC 387 - Computer Architecture

1 semester, 4 Credits

Introduces the hardware organization of a computer and instruction execution. Covers concepts such as the central processing unit, components such as registers and memory, underlying digital components, and component connections. Assembler programming is done on a specific computer. Topics include: binary numbers, Boolean Algebra, combinatorial and sequential circuits, instruction sets, and design tradeoffs. *Prerequisite: CSC 104.*

CSC 390 - Independent Study in Computer Science

1 semester, 1-4 Credits

An area of computer science that is of interest to the student is pursued under the direction of a faculty member. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson. *Prerequisite: Permission of Chairperson or Instructor.*

CSC 391 - Independent Study in Computer Science

1 semester, 1-4 Credits

An area of computer science that is of interest to the student is pursued under the direction of a faculty member. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson. *Prerequisite: Permission of Chairperson or Instructor.*

CSC 395 - Research

1 semester, 3 Credits

The student has the opportunity to investigate in detail an area or topic in computer science. Both the topic and instructor(s) should be selected by the student. *Prerequisite: Permission of instructor.*

CSC 396 - Research

1 semester, 3 Credits

The student has the opportunity to investigate in detail an area or topic in computer science. Both the topic and instructor(s) should be selected by the student. *Prerequisite: Permission of instructor.*

CSC 410 - Artificial Intelligence

1 semester, 3 Credits

Problem-solving techniques, game playing, data structure representations, tree searching strategies, and predicated calculus are among the basic topics discussed. A conceptual understanding of the basic topics will allow the student to progress to the more advanced areas of AI. If time permits, some of the more advanced topics will be surveyed. *Prerequisite: CSC 225.*

CSC 424 - Database Management Systems

1 semester, 3 Credits

The student is introduced to concepts and structures necessary to design and implement a database management system. Topics include data models, data normalization, data integrity, file organization, and file security. *Prerequisite: CSC 225.*

CSC 433 - Computer Networks

1 semester, 3 Credits

An overview of the theory of computer networks based on the OSI and TCP/IP models. The course analyzes network algorithms based on international standards and the problems that have to be solved in developing standards. *Prerequisite: CSC 225.*

CSC 440 - Numerical Analysis I

1 semester, 3 Credits

Applications of the digital computer to solutions of problems. Topics included are solutions to non-linear equations, polynomial interpolation and approximation, numerical differentiation and integration, and curve fitting. *Same as MTH 440. Prerequisite: MTH 110 or 132.*

CSC 445 - Operating Systems

1 semester, 3 Credits

Management of core memory and peripheral device allocation including job schedules, input-output schedules, and swapping overlay management in a multi-programming environment will be discussed. *Prerequisite: CSC 225.*

CSC 450 - Internship

1 semester, 1-3 Credits

Prerequisite: Permission of the department chairperson.

CSC 495 - Research

1 semester, 3 Credits

A continuation of CSC 395-396.

CSC 496 - Research

1 semester, 3 Credits

A continuation of CSC 395-396.

Development of Western Civilization

DWC 101 - Development of Western Civilization I

1 semester, 4 Credits

This interdisciplinary course examines the civilization of the West through literature, philosophy, theology, history, and art from its beginnings in the ancient Near East, through ancient Greece and Rome, to the Age of Charlemagne with particular attention to the Catholic and Dominican tradition.

DWC 102 - Development of Western Civilization II

1 semester, 4 Credits

This interdisciplinary course examines the Medieval and Modern Western world through literature, philosophy, theology, history, and art from the Age of Charlemagne, through the Middle Ages, Renaissance and Enlightenment, into the 18th century up to the American and French Revolutions with particular attention to the Catholic and Dominican tradition.

DWC 201 - Development of Western Civilization III

1 semester, 4 Credits

This interdisciplinary course continues the examination of the Western world through literature, philosophy, theology, history, and art from the French Revolution to the present with particular attention to the Catholic and Dominican tradition.

DWC 202 - Development of Western Civilization IV

1 semester, 4 Credits

This is a team-taught colloquium taught by two professors from departments from across campus. Building upon the first three semesters, the advanced colloquium will focus on a specific, contemporary issue in the context of the western tradition.

Economics

ECN 101 - Principles of Economics: Micro

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

Explains the economic behavior of individuals and firms in a market economy. Consideration is given to consumer and producer choice under various market structures and to the theoretical and actual distribution of income.

ECN 102 - Principles of Economics: Macro

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

A model of the aggregate economy is developed to determine the level of output, income, prices, and

employment. The international sector is incorporated into the model reflecting the importance of international trade in today's economies. The role of fiscal and monetary policies in economic outcomes is examined and evaluated.

ECN 201 - Microeconomic Analysis

1 semester, 3 Credits

Studies consumer behavior and the theory of the firm. Pricing in the factor and product markets under varying degrees of competition and partial vs. general equilibrium conditions are discussed. This serves as an introduction to welfare economics. *Prerequisites: ECN 101 and either MTH 108, 109, or 131.*

ECN 202 - Macroeconomic Analysis

1 semester, 3 Credits

Provides a detailed study of the macro economy. Topics include the determination of income, output, price level, monetary and fiscal policy, unemployment, growth and productivity. The open economy is integrated into the course material in order to provide a comprehensive study. Attention is given to the expectations in economic outcomes and policy-making. *Prerequisite: ECN 102 and MTH 108, MTH 109, or MTH 131.*

ECN 214 - Introduction to Econometrics with Computing Lab

1 semester, 4 Credits

Develops a set of tools that are used to access, analyze, and interpret economic data. Students are introduced to major economic databases, basic statistical techniques, and receive hands-on training in the use of current information technologies. *Prerequisites: ECN 101 or 102, and MTH 217.*

ECN 309 - Development of Economic Thought

1 semester, 3 Credits

Surveys the development of economic thought and method from the Greek classical period to the present. It critically presents the works and ideas of both mainstream and non-mainstream economic writers with special emphasis on the evolution of the discipline since circa 1775. *Prerequisite: ECN 101 or 102.*

ECN 320 - Labor Economics

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

Introduces students to the study of the economics of the labor market. Analysis of the demand for and supply of labor as well as the theories of wage determination are studied in detail. The economic effects of unions and governmental legislation on the operation of the labor market are considered. *Prerequisite: ECN 101.*

ECN 321 - Labor-Management Relations

1 semester, 3 Credits

Studies the historical, legal, and institutional aspects of labor-management relations in the United States. The work environments of unionized and non-unionized organizations are contrasted. Labor-

management relations systems of the major trading partners of the United States are examined, as are ethical issues facing unions and employers. Case studies are an integral part of this course.

Prerequisite: ECN 101.

ECN 322 - Collective Bargaining

1 semester, 3 Credits

Introduces the structure and process of bargaining. Focus is placed on the economic and behavioral theories of bargaining as well as the strategies and tactics utilized in negotiations and the consequences of a breakdown in negotiations. Selected leading issues are examined in depth. Students participate in simulated collective bargaining exercises and grievance arbitration cases. *Prerequisite: ECN 101.*

ECN 335 - The Economics of Developing Nations

1 semester, 3 Credits

Surveys theories and policies of developing nations. Attention is given to geography, natural and human resources, the rural and industrial sectors, governmental administration and planning, monetary and fiscal policies, foreign trade and aid, balance of payments, sustainable development (environment and development), integration, and prospects of further development. *Same as BLS 335. Prerequisite: ECN 101 or 102.*

ECN 342 - Environmental and Natural Resource Economics

1 semester, 3 Credits **Core Foundation/Proficiency: Civic Engagement**

Studies the economic principles related to renewable and non-renewable natural resource use. Attention is given to issues concerning pollution abatement policies, common property resources, recycling, global pollutants, and the adequacy of natural resources to meet future demands.

Prerequisite: ECN 101.

ECN 343 - Health Economics

1 semester, 3 Credits

Studies the allocation of scarce economic resources within the health care market. The size and contribution of the health care sector, the role of health insurance, the organization of health institutions, the production and cost of health care, and health care reform are studied in detail.

Prerequisites: ECN 101 and 102.

ECN 345 - Economics of Sports

1 semester, 3 Credits

Studies, from a domestic and international perspective, the economics of sports markets using microeconomics and statistics. Topics include: the economic importance and unique economic and legal aspects of sports, public funding of amateur and professional sports, player salaries, owner-player relations, the benefits/costs of college sports and the NCAA. *Prerequisites: ECN 101 and MTH 217 (or MTH 423 or FIN 217).*

ECN 350 - Game Theory

1 semester, 3 Credits

Studies methods and tools for analyzing strategic interaction, in which the outcome of a person's decision depends on both their choice and the choices of others. Studies both theory and experimental evidence, and includes specific applications of game theory to economic settings, such as auctions, bargaining, competition among firms, and herd behavior. *Prerequisites: ECN 101 and MTH 108, 109, or 131.*

ECN 352 - Business, Government, and Society

1 semester, 3 Credits

Examines the economic relationships among business, government, and consumers within the contemporary legal framework. Using the case method, laws relating to business mergers, pricing, and restrictive practices are examined. While the application of microeconomic theory is the principal focus, emphasis is also given to laws relating to consumer well-being in both the labor and product markets. *Prerequisite: ECN 101.*

ECN 356 - Economics Internship

1 semester, 3 Credits

This experience offers credit to students in department-sponsored internships in for profit and nonprofit business organizations and governmental agencies. Academic assignments specified in the economics internship contract must be completed. Offered on a pass-fail basis only. *Prerequisite: Junior and senior economics majors only. Prior written approval of the economics department chair is required.*

ECN 395 - Research

1 semester, 1-3 Credits

Undergraduate research under the guidance of a faculty member [juniors or seniors]. Students will be engaged in a creative research project under the direction of the faculty member. Variable credit hours (1-3 credit hours) where 1 credit hour equals 4 hours of research time. *Pass/Fail only. Research courses may be repeated for credit, but only 3 credit hours may apply to the Economics major. Fall or spring semester. Prerequisite: permission of the instructor required.*

ECN 396 - Research

1 semester, 1-3 Credits

Undergraduate research under the guidance of a faculty member [juniors, or seniors]. Students will be engaged in a creative research project under the direction of the faculty member. Variable credit hours (1-3 credit hours) where 1 credit hour equals 4 hours of research time. *Pass/Fail only. Research courses may be repeated for credit, but only 3 credit hours may apply to the Economics major. Fall or spring semester. Prerequisite: permission of the instructor required.*

ECN 409 - Economic Forecasting

1 semester, 3 Credits

Presents a study of econometric techniques, regression models, and time-series analysis for the purposes of forecasting and policy evaluation. Statistical measures used to determine the overall

goodness-of-fit of these models and to test the reliability of a forecast are introduced. Forecasting is used to compare the effects of alternative economic policies. *Prerequisites: ECN 202 and 214.*

ECN 412 - Managerial Economics

1 semester, 3 Credits

Applies economic analysis to the process and use of economic information to develop strategies that enhance the goals of the organization in a highly competitive economic environment. Emphasis is placed on analyzing choices by using the economist's set of tools in describing, analyzing, and understanding diverse problems faced by decision makers in an economic framework. *Prerequisite: ECN 201.*

ECN 417 - Mathematics for Economists I

1 semester, 3 Credits

Introduces students to the study of how principal mathematical techniques are applied to static and comparative-static economic analysis. These techniques include differential calculus and matrix algebra. Emphasis is placed on the application of these mathematical tools to economic analysis. *Prerequisites: ECN 201 and 202.*

ECN 419 - Intermediate Econometrics

1 semester, 3 Credits

Extends the analysis of linear models and their applications to include the problems associated with both model specification and estimation methods in the context of single equation models. It also introduces students to the study of simultaneous equation econometric models. *Prerequisite: ECN 214.*

ECN 424 - Economics of Education

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

Applies microeconomic theory and econometric analysis to the economics of education. Topics include labor market returns to schooling, peer effects, teacher quality, class size, teacher merit pay, school choice, and education finance. Focuses on current economic research evaluating the U.S. and international experiences with education policy. Students will be expected to write a research paper. *Prerequisites: ECN 201 and ECN 214.*

ECN 425 - Public Finance

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

Presents an analysis of the economic problems faced by public decision makers and the economic tools that are available to them. The course will cover such topics as welfare economics, benefit-cost analysis, public choice, taxation, income redistribution, and the relationship between the budget and the setting of national priorities. *Prerequisite: ECN 201.*

ECN 451 - Industrial Organization

1 semester, 3 Credits

Analyzes theoretical evaluations of market structure with regard to the performance and conduct of

firms. Special attention is given to regulation and other public policy issues such as antitrust policy. The emphasis is on the application of theory to real-world markets. *Prerequisites: ECN 201 & MTH 108, 109, or 131.*

ECN 460 - Money and Banking

1 semester, 3 Credits

Studies interest rates, exchange rates, the supply of money, the management of financial intermediaries, and the role of the central bank in achieving price stability. Emphasis is placed on money creation, financial innovation, and banking regulation. Federal Reserve tools and policies are studied within a framework of contemporary macroeconomic theory, including international trade and payments. *Prerequisite: ECN 202.*

ECN 465 - International Trade Theory and Policy

1 semester, 3 Credits

Provides a solid grounding in the economics of international trade. Students will learn international trade theory and how to use it to analyze public policy questions. Topics include the case for free trade, the arguments of tariff protection, and effects of trade and protectionist policies on resource allocation, income distribution, and economic growth. *Prerequisite: ECN 201.*

ECN 466 - International Monetary Economics

1 semester, 3 Credits

Provides an introduction to the current international monetary system. Emphasis is given to theories of exchange rates and their dynamics. The limitations imposed on monetary and fiscal policy by international capital flows will be covered thoroughly. Examines current topics in reform of the exchange rate system, monetary integration, and multinational coordination. *Prerequisite: ECN 202.*

ECN 484 - Seminar in Contemporary Economic Thought

1 semester, 3 Credits

Presents a critical examination of the success and failure of economic theory and policy. It also includes an introduction to emerging economic thinking. *Prerequisites: ECN 201 and ECN 202.*

ECN 485 - Seminar in Contemporary Economic Issues

1 semester, 3 Credits

Presents an in-depth survey of selected economic issues. Students will be expected to perform independent research. *Prerequisites: ECN 201 and 202.*

ECN 488 - Economics Senior Capstone

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II; Oral Communication

Senior capstone integrates students' knowledge attained from economics core courses and electives. Emphasizes writing in economics. Students will intelligently discuss key economic policy issues and relate theory, practice, and policy through the completion of a substantial, original research project. *Prerequisites: ECN 201, 202, 214, and at least 3 elective courses in Economics*

ECN 490 - Independent Study

1 semester, 1-3 Credits

Open primarily to senior Economics majors. Provides the opportunity to explore advanced topics in economics outside of the regular departmental offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson. *Prerequisite: Permission of the chairperson.*

ECN 495 - Research

1 semester, 1-3 Credits

Undergraduate research under the guidance of a faculty member [juniors, or seniors]. Students will be engaged in a creative research project under the direction of the faculty member. Variable credit hours (1-3 credit hours) where 1 credit hour equals 4 hours of research time. *Pass/Fail only. Research courses may be repeated for credit, but only 3 credit hours may apply to the Economics major. Does not fulfill ECN 400 level requirement for major. Fall or spring semester. Prerequisite: permission of the instructor required.*

ECN 496 - Research

1 semester, 1-3 Credits

Undergraduate research under the guidance of a faculty member [juniors, or seniors]. Students will be engaged in a creative research project under the direction of the faculty member. Variable credit hours (1-3 credit hours) where 1 credit hour equals 4 hours of research time. *Pass/Fail only. Research courses may be repeated for credit, but only 3 credit hours may apply to the Economics major. Does not fulfill ECN 400 level requirement for major. Fall or spring semester. Prerequisite: permission of the instructor required.*

Education: Elementary/Special

NOTE: For a list of additional education courses, please refer to the Secondary Education section.

EDU 125 - Introduction to Communication Development and Disorders in Children

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

How do children develop speech and language skills? What impact do language differences and disorders have on communication and literacy in and out of the classroom? Course addresses these questions along with topics such as English language learning, classroom discourse, and augmentative and alternative communication. Communication strategies, accommodations, and modifications that reflect the diverse needs in today's classrooms are considered.

EDU 220 - American Sign Language II

1 semester, 3 Credits

A continuation of the material introduced in EDU 210. Focuses on vocabulary development, receptive and expressive skills, conversational skills, and further examination of cultural features of the Deaf community. *Prerequisite: EDU 210.*

EDU 221 - Introduction to Characteristics of Individuals with Special Needs

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

An introduction to individuals with disabilities that includes both a medical and social perspective. Covers disability rights history, including IDEA, ADA, Section 504, and inclusion. Diverse characteristics, educational considerations, and strengths of students with special needs are covered. Assignments in the field are required.

EDU 231 - Literacy I: Methods and Materials for Teaching Reading

1 semester, 3 Credits

Provides an understanding of how children develop reading and writing skills in the primary grades. Students learn the multiple components of literacy and apply this knowledge as they develop reading and writing lessons. A variety of evidence-based practices and materials are presented. Students also learn about assessments used to inform instruction and differentiate instruction for the learner. A field experience in an elementary school is required. (See EDU 231L.)

EDU 231L - Literacy I: Methods and Materials for Teaching Reading Field Experience

1 semester, 1 Credit

This field experience is taken concurrently with EDU 231.

EDU 270 - Teaching Science & Mathematics in the Elementary School

1 semester, 3 Credits

Enables students to develop knowledge and skills in the methods of teaching mathematics and science to elementary students. Students will plan, implement, and reflect on standards-based science and mathematics lessons centered on different pedagogies (e.g. inquiry, problem-solving, and direct instruction). Students will improve their knowledge of both mathematics and science content and processes while working with children in practicum placements. Field experience in an elementary school is required. (See EDU 270L.)

EDU 270L - Teaching Science & Mathematics Field Experience

1 semester, 1 Credit

This field experience is taken concurrently with EDU 270.

EDU 285 - Strategies for Classroom Management

1 semester, 3 Credits

Designed to assist preservice teachers in developing strategies for managing and integrating the physical, academic, social, and behavioral variables of the classroom. Techniques for individual and group management based upon a variety of theories will be explored. Appropriate application of strategies for the diverse student population currently represented in our schools are included.

EDU 322 - Collaboration: Home/School/Community

1 semester, 3 Credits

Provides students with knowledge about special education and its relationship to general education. Includes an overview of disability history, special education laws, and inclusive education. Another focus is analyzing strategies to improve communication and collaboration among home,

school, and community resources. Requirements include opportunities to work with diverse populations of parents, families, and children.

EDU 331 - Literacy II: Teaching Language Arts & Social Studies in the Elementary School

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Designed to expose students to current language arts and social studies theories and practices. Students develop and implement integrated language arts and social studies lessons that incorporate literature and process writing and reflect national standards. Students will also explore methods of authentic assessment. A field experience in an elementary school is required. (See EDU 331L.)

EDU 331L - Literacy II: Teaching Language Arts & Social Studies Field Experience

1 semester, 1 Credit

This field experience is taken concurrently with EDU 331.

EDU 390 - Assessment of Children's Individual Differences

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Designed to provide information on reliable and valid assessment practices for all children, including the special education process. Use of screening, progress monitoring, and diagnostic assessments to make data-based decisions is addressed. Practical applications of observation, standardized norm-referenced tests, curriculum-based assessment, and educational report writing are emphasized. Field work in local schools is required. *Taken concurrently with EDU 418.*

EDU 418 - Teaching Students with Mild/Moderate Disabilities (Grades 1-6)

1 semester, 3 Credits

Designed to promote the development of in-depth knowledge and skills regarding the education of all students in grades 1-6, especially those with disabilities that impact learning. Evidence-based instruction in reading, writing, and math that is responsive to students' strengths and needs, explicit and systematic teaching, inclusive education, and accommodations and modifications are emphasized. Topics include the Individuals with Disabilities Education Act (IDEA), the use of assessment information to inform instruction, and development of the Individualized Education Plan (IEP). Taken concurrently with EDU 418L. *Prerequisites: EDU 231, EDU 331, and EDU 270.*

EDU 418L - Teaching Students with Mild/Moderate Disabilities Field Experience

1 semester, 1 Credit

This field experience is taken concurrently with EDU 418.

EDU 432 - Autism Spectrum Disorders: Theory and Practice

1 semester, 3 Credits

Provides an overview of Autism Spectrum Disorders. Historical, medical, social, and educational perspectives will be addressed, as well as the controversies in the field. This spectrum includes: social challenges, communication difficulties, and restricted and repetitive motor patterns of behavior. Autism spectrum disorders can be seen as either a disability or a difference depending on the lens of the viewer.

EDU 451 - Student Teaching in the Elementary School

1 semester, 9 Credits **Core Foundation/Proficiency:** Oral Communication

Requires teaching on the elementary level under the joint supervision of a cooperating teacher and a College supervisor in the school systems of Rhode Island or neighboring Massachusetts communities. Weekly seminars are required. *Prerequisites: All education courses required for ESE major except EDU 322 and EDU 301.*

EDU 452 - Student Teaching in Elementary/ Special Education

1 semester, 9 Credits **Core Foundation/Proficiency:** Oral Communication

Requires teaching in an elementary special education setting under the joint supervision of a cooperating teacher and a College supervisor in the school systems of Rhode Island or neighboring Massachusetts communities. Weekly seminars are required. *Prerequisites: All education courses required for ESE major except EDU 322 and EDU 301.*

EDU 462 - Teaching Mathematics to K-12 At-Risk Students

1 semester, 3 Credits

Pre-service teachers will enhance their ability to read and interpret research relating to mathematics interventions that are utilized in highly effective classrooms and apply these practices within their own classrooms during their student teaching. Pre-service teachers will design mathematics lessons that address the specific needs of children in their classes to assure that they are able to function successfully in the classroom as active and engaged learners. They will work in collaborative groups, creating lessons for their specific levels of mathematics and attach supports to ensure that all children in their classrooms are able to learn. *Corequisites for Elementary Special Education students: Enrollment in EDU 451 or 452 or permission of instructor. Corequisites for Secondary Education students: Enrollment in or completion of EDU 416 or enrollment in EDU 450.*

EDU 470 - Selected Topics in Education

1 semester, 3 Credits

In this elective course, special topics in education will be offered that are not covered in depth in existing courses. Courses will reflect current issues, innovations, debates, and/or controversies within the field of education. Topics may include those being considered for new courses as well as those permitting faculty to develop areas of individual and/or research interests.

EDU 490 - Independent Field Experience in Education

1 semester, 1 Credit

Provides students an opportunity to pursue an additional 25-hour education practicum under the direction of an education faculty member and cooperating teacher. Proposals that include specific objectives and deliverable products must be approved prior to course registration. *Prerequisites: Elementary/Special Education, Secondary Education, or Music Education majors and permission of department chair or program director.*

Education: Secondary

NOTE: For a list of additional education courses, please refer to the Elementary/Special Education section.

EDU 201 - Educational Psychology

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

Study of those facts and principles of psychology that will assist the students in formulating and clarifying objectives as classroom teachers. Deals with such matters as cognitive development, motivation, retention, problem solving, and the social and emotional problems involved in personality integration.

EDU 206 - Principles of Secondary Education

1 semester, 3 Credits

Considers the secondary school in its totality. Students are introduced to lesson and unit planning, national and state content standards, teaching strategies, and differentiation of instruction. A field experience in a secondary school is required. (See also EDU 206L.) *Prerequisite: EDU 201.*

EDU 206L - Principles of Secondary Education Field Experience

1 semester, 1 Credit

A minimum 25-hour field experience is taken concurrently with EDU 206.

EDU 210 - American Sign Language I

1 semester, 3 Credits

Introductory level overview of both the language and the culture of the deaf community. Focuses on frequently used signs, basic rules of grammar, and cultural features of the deaf community.

EDU 211 - Urban Education

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Explores the emergence and transformation of urban schools through historical, sociological, and political science perspectives. Enables students to appreciate a democratic society that embraces diversity, equity and social justice in urban schools through readings, discussions, and participation in service learning.

EDU 301 - Foundations of Education

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

The historical, philosophical, and social influences that have contributed, through education, to American traditions, ideas, institutions, and the cultural development of our way of life. *Co-requisites: EDU 450, 451, 452, or MSC 331.*

EDU 303 - The Child with Special Needs in the Regular Classroom

1 semester, 3 Credits

Designed to provide prospective teachers with the skills, knowledge, and attitudes required to identify students with special needs and to work with support staff in meeting the students' needs within the general curriculum. Focuses on understanding the characteristics and needs of these students within a least restrictive environment. (See also EDU 303L.) *Prerequisite: EDU 206.*

EDU 303L - The Child with Special Needs in the Regular Classroom Field Experience

1 semester, 1 Credit

A minimum 25-hour field experience is taken concurrently with EDU 303.

EDU 401 - Educational Measurement

1 semester, 3 Credits

Designed to introduce students to the theory and practice of cognitive assessment including the construction, application, and interpretation of standardized and teacher-made tests used to inform teaching and curriculum decision-making. Students also will examine alternative assessments including authentic and portfolio assessments. (See EDU 401L.) *Prerequisite: EDU 206.*

EDU 401L - Educational Measurement Field Experience

1 semester, 1 Credit

A minimum 25-hour field experience is taken concurrently with EDU 401.

EDU 411 - Teaching English in Secondary Schools

1 semester, 3 Credits

Consideration will be given to the methods, procedures, and techniques found effective in the teaching of English on the secondary level. Attention will be given to the formulation of lesson plans and the use of micro teaching in the critique of the presentation of these lesson plans. (See also EDU 411L.)

Prerequisites: EDU 206, EDU 303, and EDU 401.

EDU 411L - Teaching English in Secondary Schools Field Experience

1 semester, 1 Credit

A minimum 25-hour field experience is taken concurrently with EDU 411.

EDU 412 - Teaching Science in Secondary Schools

1 semester, 3 Credits

Designed to introduce prospective teachers to new curricula in science. The students will examine science standards and have an opportunity to develop and present a series of lessons based on these standards. Students also will develop a series of experiments to demonstrate basic scientific principles as preparation for actual classroom teaching. *Prerequisites: EDU 206, EDU 303, and EDU 401.*

EDU 412L - Teaching Science in Secondary Schools Field Experience

1 semester, 1 Credit

A minimum 25-hour field experience is taken concurrently with EDU 412.

EDU 414 - Teaching History & Social Studies in Secondary Schools

1 semester, 3 Credits

Designed to make students aware of the principles and methods of history and social studies instruction, current research, and practice in the field. (See also EDU 414L.) *Prerequisites: EDU 206, EDU 303, and EDU 401.*

EDU 414L - Teaching History & Social Studies in Secondary Schools Field Experience

1 semester, 1 Credit

A minimum 25-hour field experience is taken concurrently with EDU 414.

EDU 415 - Teaching Modern Languages in Secondary Schools

1 semester, 3 Credits

Develops more effective foreign language teaching through the examination of recent research in methodology and educational media. Laboratory experiences will be offered. (See also EDU 415L.)

Prerequisites: EDU 206, EDU 303, and EDU 401.

EDU 415L - Teaching Modern Languages in Secondary Schools Field Experience

1 semester, 1 Credit

A minimum 25-hour field experience is taken concurrently with EDU 415.

EDU 416 - Teaching Mathematics in Secondary Schools

1 semester, 3 Credits

Designed to provide students with an understanding of teaching mathematics in a concrete fashion. NCTM standards will be reviewed and the students will use a variety of strategies and resources including technology to prepare materials and lessons. (See also EDU 416L.) *Prerequisites: EDU 206, EDU 303, and EDU 401.*

EDU 416L - Teaching Mathematics in Secondary Schools Field Experience

1 semester, 1 Credit

A minimum 25-hour field experience is taken concurrently with EDU 416.

EDU 449 - Classroom Management for High/Middle School Teachers

1 semester, 1 Credit

Introduces various managerial strategies, offers future teachers ideas for effective classroom management, and develops understanding of the value of collaborating with the school community. Classroom management is defined as the set of activities that the classroom teacher develops and maintains for effective and efficient instruction. *Prerequisites: EDU 206, EDU 303, and EDU 401.*

EDU 450 - Student Teaching in the Secondary School

1 semester, 9 Credits **Core Foundation/Proficiency:** Oral Communication

Involves a semester of teaching in a secondary school under the joint supervision of a cooperating teacher and a College supervisor. Seminar meetings will be held. *Prerequisites: EDU 411, EDU 412, EDU 414, EDU 415, or EDU 416.*

EDU 471 - Selected Topics in Education

1 semester, 1-3 Credits

In this elective course, special topics in education will be offered that are not covered in depth in

existing courses. Courses will reflect current issues, innovations, debates, and/or controversies within the field of education. Topics may include those being considered for new courses as well as those permitting faculty to bring current research ideas to the classroom.

Engineering-Physics-Systems

EPS 101 - General Physics I

1 semester, 4 Credits **Core Foundation/Proficiency:** Physics-Based Natural Science

Introductory physics intended for physics, engineering, biology, chemistry, and mathematics majors. EPS 101 includes mechanics, waves, and heat. Calculus is used. (Lectures 3 hours, laboratory 3 hours.)

EPS 102 - General Physics II

1 semester, 4 Credits

A continuation of EPS 101; includes electricity, magnetism, optics, and an introduction to relativity. Calculus is used. (Lectures 3 hours, laboratory 3 hours.) *Prerequisite: EPS 101.*

EPS 105 - Conceptual Physics

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science; Physics-Based Natural Science

Specifically designed for non-science majors. Topics included are: the classical ideas of motion as exemplified by Newton's Laws, the conservation theorems of energy and momentum and their application, the ideas of 20th-century physics, and selected subjects which relate to current concerns in everyday life.

EPS 117 - Astronomy

1 semester, 3 Credits **Core Foundation/Proficiency:** Physics-Based Natural Science

An introduction to the principles of astronomy for non-science majors. Topics to be covered include the history of the science and methods of study, the study of stars and galaxies, and a general survey of cosmological models. Recent discoveries such as background black-body radiation, pulsars, and quasars, as well as the implications of general relativity, will be discussed qualitatively.

EPS 120 - The Science of Sound and Music

1 semester, 3 Credits **Core Foundation/Proficiency:** Physics-Based Natural Science

For non-science majors with an interest in the scientific underpinnings of music and sound, through hands-on workshops, this course conceptually treats sound production, propagation, and sensing and topics including: pitch, loudness, timbre, scales, intervals, and performance spaces. Music knowledge is a plus.

EPS 131 - Introduction to Engineering

1 semester, 1 Credit

An introduction to the process and practice of engineering. Topics included are: the history of engineering, engineering design, optimization and mathematics in engineering, fields of engineering, the engineer and society, contemporary opportunities, and challenges. The class will meet one hour per week.

EPS 201 - Introductory Modern Physics

1 semester, 4 Credits **Core Foundation/Proficiency:** Oral Communication

Principles of special relativity and quantum physics; application to atomic, nuclear, molecular, solid state, and elementary particle physics. (Lectures 3 hours, laboratory 3 hours.) *Prerequisite: EPS 102.*

EPS 202 - Electronic Devices

1 semester, 4 Credits **Core Foundation/Proficiency:** Writing II

An introduction to the principles of operation of the basic components of electronic devices. Included: circuit problems, models, integrated circuits, analog and digital systems, complex analysis, equivalent circuits. (Lectures 3 hours, laboratory 3 hours.)

EPS 221 - Scientific Programming

1 semester, 3 Credits

Treats the structure and vocabulary of programming languages such as C, Fortran, or JAVA and their application in science/engineering problems. Input/output, control and branching, iteration, arrays and subscripts, file processing, and sub programming will be treated. Standard modular/structured approaches will be emphasized. Intended for science and engineering majors.

EPS 222 - Elements of Systems Modeling

1 semester, 1 Credit

Treats the concept of a system model and includes a basic introduction to Monte Carlo simulation and to dynamic representations such as Industrial Dynamics methods.

EPS 295 - Research

1 semester, 1-3 Credits

An entry level research experience allowing the student to take ownership of a research problem normally related to a larger research and development project, under the supervision of a faculty member or research mentor. All aspects of the research enterprise including review of literature, and experimental or theoretical investigation are included. *May be repeated by Sophomores and Juniors.*

EPS 296 - Research

1 semester, 1-3 Credits

An entry level research experience allowing the student to take ownership of a research problem normally related to a larger research and development project, under the supervision of a faculty member or research mentor. All aspects of the research enterprise including review of literature, and experimental or theoretical investigation are included. *May be repeated by Sophomores and Juniors.*

EPS 301 - Mechanics

1 semester, 3 Credits

Examines vector algebra and vector calculus, statics, dynamics of particles, central force motion, oscillations, and dynamics of rigid bodies. *Prerequisite: EPS 101.*

EPS 302 - Electromagnetism

1 semester, 3 Credits

Basic electromagnetic field theory, charges in fields, radiation from charges, electrodynamics of continuous media, and transmission of electromagnetic waves through materials.

EPS 303 - Systems Approach to Complex Problem Solving

1 semester, 3 Credits

Philosophy and techniques for defining problems, generating alternative solutions, and evaluating solutions for problems which require a multidisciplinary study will be discussed. Topics to be included: defining objectives, analysis of functions to be performed, enhancing creativity, the structure of systems, cost and effectiveness, and project management. *Prerequisite: EPS 222.*

EPS 395 - Research

1 semester, 1-3 Credits

An entry level research experience allowing the student to take ownership of a research problem normally related to a larger research and development project, under the supervision of a faculty member or research mentor. All aspects of the research enterprise including review of literature, and experimental or theoretical investigation are included. *May be repeated by Sophomores and Juniors.*

EPS 396 - Research

1 semester, 1-3 Credits

An entry level research experience allowing the student to take ownership of a research problem normally related to a larger research and development project, under the supervision of a faculty member or research mentor. All aspects of the research enterprise including review of literature, and experimental or theoretical investigation are included. *May be repeated by Sophomores and Juniors.*

EPS 401 - Classical Dynamics

1 semester, 3 Credits

Provides a brief review of Newtonian mechanics followed by a treatment of Lagrangian and Hamiltonian formulations of mechanics and applications to central forces, non-inertial reference frames, rigid-body rotation and normal modes. *Prerequisites: EPS 301 and MTH 318.*

EPS 430 - Thermodynamics

1 semester, 3 Credits

Investigates the transfer of energy in complex objects. The tools employed will be mathematical modeling, statistics, the use of tables, differential equations, and computer programs. Emphasis will be placed on entropy and the limits it places on the performance of physical devices. *Prerequisite: EPS 102.*

EPS 448 - Applied Quantum Physics

1 semester, 3 Credits

Examines the physical concepts governing the atomic and subatomic domain of matter. How these concepts manifest themselves in the mathematics of quantum mechanics and how they are used to

investigate various physical states of matter will be examined. Emphasis will be placed on solutions to Schrödinger's equation. *Prerequisite: EPS 201.*

EPS 450 - Internship

1 semester, 3 Credits

Available to seniors who wish to gain experience in an industrial/company setting. Students will independently explore the practical applications of physical principles learned in the classroom.

EPS 490 - Independent Study

1 semester, 3 Credits

Provides for the study of an advanced area of physics. Completed under the guidance of a faculty member who supervises the student's work. *Prerequisites: Permission of the chairperson.*

EPS 495 - Research

1 semester, 3 Credits

An original research problem which demands a thorough search of the literature and an intensive laboratory and/or theoretical investigation.

EPS 496 - Research

1 semester, 3 Credits

An original research problem which demands a thorough search of the literature and an intensive laboratory and/or theoretical investigation.

English

ENG 101 - Writing Seminar

1 semester, 3 Credits **Core Foundation/Proficiency: Writing I**

Focuses on the creation of complex, analytic, well-supported arguments that matter in academic contexts. Students receive regular feedback on their writing, both from their peers and the instructor, and learn flexible strategies for revision. Assignments promote an awareness of stylistic conventions, rhetorical possibilities, and genuine inquiry.

ENG 161 - Introduction to Journalism

1 semester, 3 Credits

Introduces students to basic journalistic experiences including interviewing, researching, and news, feature, and sports writing. It defines both standards of journalistic writing and the legal standards that govern journalism, and combines lively writing experience with critical awareness. *Prerequisite: Intensive Writing Level I Proficiency.*

ENG 175 - Introduction to Literature

1 semester, 3 Credits **Core Foundation/Proficiency: Writing I**

An investigation of the three main literary genres—poetry, fiction, and drama—with an emphasis on

writing. Students completing this course should be able to read with engagement and discernment, discuss literature critically, and write analytically and with an awareness of scholarly conversations. Required for English majors.

ENG 201 - Readings in Literature

1 semester, 3 Credits

Offered specifically for non-English majors who wish to cultivate their enjoyment of literature. Students read and write about a variety of works focusing on themes such as money and power in literature, fallen heroes, or the tragic dilemma.

ENG 204 - Literary Journalism

1 semester, 3 Credits

A plus on any résumé, magazine journalism gives students practical hands-on experience editing and publishing a literary journal. We will solicit and edit work, design and help produce *The Alembic*. Students will read literary texts in several genres within a critical context and formulate, discuss, and develop sophistication in critical issues. Comparative essays, close readings, and book reviews will all be part of the course.

ENG 231 - Survey of British Literature I

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

An intensive survey of English literature from its Anglo-Saxon beginnings through the 18th century. The course traces the rise of the English language as a vehicle for literary art and emphasizes historical development of literary genres.

ENG 232 - Survey of British Literature II

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

An intensive survey of English literature from Romanticism to Modernism. The course emphasizes the development of a specific British literary tradition, manifested in a variety of literary genres.

ENG 241 - Introduction to Latinx Literature

1 semester, 3 Credits

An introduction to the key writers of U.S. Latinx Literature, through close reading of poetry, fiction, essays, and drama. The emphasis will be on breadth, with coverage of Central American, Caribbean, and Chicana/o authors from the 19th-21st century, to offer a comprehensive understanding of the U.S. Latinx experience. Writers include Gloria Anzaldúa, Junot Díaz, Tomás Rivera, Emma Pérez, and Héctor Tobar. *Prerequisite: Writing I Core Foundation/Proficiency.*

ENG 285 - Introduction to Creative Writing

1 semester, 3 Credits

Introduction to Creative Writing in fiction and poetry designed for non-majors and open to all students. Classes discuss reading and writing assignments in seminar and workshop settings. Students keep reading journals, write substantive critiques of each other's work, a book review on

poetry or fiction, and assemble a portfolio of their work including nine poems and three short stories, all with two to four revisions.

ENG 287 - Composition Studies

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Intended for upper-level students who are interested in the teaching of writing and/or the processes by which we learn to write. It offers students an overview of the history, major theories, and critical issues in the field -- as well as practical experience in revising, designing assignments, giving feedback, and critically analyzing their own and others' work. *Prerequisites: Completion of Level 1 Writing Proficiency.*

ENG 301 - Intermediate Writing

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Students will refine their writing process, polish their research and writing skills, and learn how to make effective, thesis-driven, evidence-based arguments. They will enhance their rhetorical awareness, as they analyze and discuss arguments in various genres and reflect on their own and their peers' written work. *Prerequisite: Intensive Writing Level I Proficiency.*

ENG 304 - History of the English Language

1 semester, 3 Credits

Examines the historical and linguistic development of the English language as revealed through selected literary texts from the Middle Ages to the present. We will examine the technical aspects of language (semantics, syntax, phonology), as well as larger literary concerns.

ENG 305 - Medieval Literature

1 semester, 3 Credits

Varies in organization: sometimes concentrates on a major genre (Romance, Drama, Dream Vision); sometimes surveys the period (Beowulf to Malory); sometimes focuses on the richness of the last quarter of the 14th century (Gawain-Poet, Chaucer, Langland).

ENG 307 - Chaucer's Canterbury Tales

1 semester, 3 Credits

Concentrates on Chaucer's major work, *The Canterbury Tales*, from multiple perspectives: linguistic, historic, comparative, and iconographic. *The Tales* are read in Middle English but no previous experience with that language is required.

ENG 310 - Milton

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Surveys Milton's works from the minor verse and the essential prose through to the major poems *Paradise Lost*, *Paradise Regain'd*, and *Samson Agonistes*. Attempts close, tactful readings of Milton's diffuse and brief visionary epics. Develops an appreciation for Milton's "adventurous song" and his cosmic vision to "assert Eternal Providence/And justify the wayes of God to men."

ENG 311 - Shakespeare: Histories and Comedies

1 semester, 3 Credits

Concentrates on Shakespeare's early plays, primarily comedies and histories, with close analysis of the texts in the light of relevant political, social, and cultural contexts, and with some attention to stage history and film productions.

ENG 312 - Shakespeare: Tragedies and Romances

1 semester, 3 Credits

Concentrates on Shakespeare's later plays, primarily tragedies and romances (or tragic-comedies), with close analysis of the texts in the light of relevant political, social, and cultural contexts, and with some attention to stage history and film productions.

ENG 313 - Renaissance Drama

1 semester, 3 Credits

A mix of comedies and tragedies from 1580-1650, including Marlowe, Kyd, Jonson, Middleton, Webster, Beaumont and Fletcher. The plays will be studied within the social and political context of early modern England. *Same as TDF 310.*

ENG 314 - Spenser

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Provides us with the universe according to the great allegorist of Elizabethan England, Edmund Spenser. He is placed within the context of authors whom he quarried (Vergil, Ovid, Petrarch, Ariosto, Tasso, Castiglione, Sidney; two or three of these will be studied each semester) to construct his monumental poem *The Faerie Queene*. We will read that poem in its entirety.

ENG 316 - Chaucer's Love Poetry

1 semester, 3 Credits

Concentrates on Chaucer's love and dream poetry, which may include *Troilus and Criseyde*, *Book of the Duchess*, *The House of Fame*, and others. These early poems show Chaucer as a European poet, and they allow a thematic exploration of medieval literature, philosophy, music, and art. Texts are read in Middle English, but no previous experience with the language is required.

ENG 317 - Seventeenth-Century Literature

1 semester, 3 Credits

Explores three remarkable eras of British literature: the late Renaissance (1600-1642), the Interregnum (1642-1660), and the Restoration (1660-1700). The literary works of this century are as magnificent and eclectic as the culture they reflect, popularizing and refining such genres as the play, the novel, the epic, the lyric, the masque, the essay, the newspaper, and the joke book.

ENG 321 - Age of Satire

1 semester, 3 Credits

Explores a range of works published during the Restoration and early 18th century, but concentrates

on satire. We shall consider the works of major and minor writers, including Dryden, Rochester, Defoe, Swift, Pope, and Fielding.

ENG 322 - Age of Johnson

1 semester, 3 Credits

Examines changes in the definition, use, and manufacturing of literature that took place from roughly 1745 to 1800. We shall consider the works of major and minor writers, including Fielding, Gray, Sterne, Blackstone, Gibbon, Boswell, and Burns. Special attention will be paid to the writings of Samuel Johnson.

ENG 349 - Nature and the Arts

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Looks at the poems of Virgil and 17th-century continental landscape painting, then examines the ways 18th and 19th century British writers and artists adapted these models to express their own attitudes towards nature and rural life. Writers include Milton, Gray, Wollstonecraft, and Wordsworth; artists include Claude, Rubens, Gainsborough, Constable, and Turner. Usually includes fieldtrips to the Hay Library at Brown to view their works on 18th-century landscape gardening, to the RISD Museum to view their collection of British landscape watercolors, and to the Yale Center for British Art to view the collection of Constable and Turner landscapes.

ENG 351 - Romantic Age

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

From semester to semester, Romantic Age has different thematic emphases, such as Romanticism and Nature, Romantic Representations of Women, Romanticism and Revolution, and Romantic Ballad and Song. The reading list may include Austen, Baillie, Blake, Byron, Coleridge, Keats, Scott, Mary and Percy Shelley, Wollstonecraft, and Wordsworth.

ENG 353 - The Victorian Age

1 semester, 3 Credits

Social reform, shifting perceptions of religion and science, expanding empires, and aesthetic experimentation defined the Victorians and produced new literary genres. Thematic emphasis of this course varies but always connects Victorian literature and its social context. Authors combine the canonical (Dickens, Tennyson, the Brownings, Wilde) with pioneers of sci fi, detective fiction, and children's literature (Wells, Conan Doyle, Carroll, etc.). *Same as WMS 353.*

ENG 354 - Nineteenth-Century British Novel

1 semester, 3 Credits

Focuses on 19th-century novels in a variety of styles: realistic, Gothic, sensationalistic, comic, and horror. Students will investigate how these novels fit, develop, or disrupt novelistic conventions and social expectations of their day, particularly those concerning social class, gender roles, and imperialistic British nationality. Major authors may include Austen, Dickens, Eliot, the Brontës, Trollope, Collins, and Stoker. *Same as WMS 354.*

ENG 355 - American Literature to 1865

1 semester, 3 Credits

Concentrates on the period of the American Renaissance (1836-1860) with some attention to earlier writings. Authors may include Franklin, Poe, Emerson, Cooper, Douglass, Jacobs, Thoreau, Hawthorne, Stowe, Melville, Dickinson, and Whitman. The central topics concern the variety of responses to the question of American democratic opportunity, the frontier, and slavery. *Same as AMS 355.*

ENG 356 - American Literature 1865 - 1914

1 semester, 3 Credits

Surveys American literature through some of the most difficult years in our history, the years of industrialization, urbanization, mass immigration, Reconstruction and Jim Crow. Authors may include Twain, James, Dreiser, Dickinson, Chesnutt, Crane, Gilman, Robinson, Cahan, Wharton, and Frost. *Same as AMS 356.*

ENG 357 - Modern Drama

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

A survey of drama including authors such as Ibsen, Strindberg, Wilde, Chekhov, Lorca, Yeats, Giraudoux, O'Neill, Pirandello, Albee, Miller, and Williams. The course explores the development of drama in its social, political, and psychological contexts.

ENG 358 - Communications Internship

1 semester, 3 Credits

Juniors and seniors may obtain internships at local businesses and agencies to develop and apply skills in writing and analysis in the workplace. In addition to the 10-15 hours per week of supervised experience, students must compose and fulfill a contractual learning agreement. *Pass/Fail credit only.*

ENG 359 - Communications Internship

1 semester, 3 Credits

Juniors and seniors may obtain internships at local businesses and agencies to develop and apply skills in writing and analysis, in the workplace. In addition to the 10-15 hours per week of supervised experience, students must compose and fulfill a contractual learning agreement. *Pass/Fail credit only.*

ENG 360 - Modern Irish Literature

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

A survey of Irish literature from 1880 to the present. Emphasis is placed on the Literary Revival (1880-1940). Authors include Yeats, Synge, Joyce, O'Casey, Lady Gregory, O'Faolain, O'Connor, O'Flaherty, Beckett, Bowen, Heaney, and Friel. Topics include the appeal of the past, literature and politics, the formation of a new Ireland, and the problem of violence.

ENG 363 - Twentieth-Century British Novel

1 semester, 3 Credits

Surveys the pre-World War I period, the inter-war years, and the post-1945 period. Authors include Conrad, Joyce, D.H. Lawrence, Forster, Woolf, Greene, Ford, Orwell, Waugh, Burgess, and others.

Occasionally, non-British works are included. Topics for discussion range from the modernist revolt and the age of crisis, to the tensions between tradition and change.

ENG 364 - Modern American Fiction

1 semester, 3 Credits

Covers American fiction since World War I. Authors include Anderson, Hemingway, Fitzgerald, Cather, Dos Passos, Faulkner, Welty, O'Connor, Salinger, Heller, Percy, Pynchon, Morrison, and Bellow. Topics include the search for identity through tradition, the disillusionment of the '30s, the Southern Renaissance, and the problematics of mass society. *Same as AMS 364.*

ENG 365 - Twentieth-Century African-American Literature

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Writing II

A reading-intensive introduction to 20th-century African-American fiction, autobiography, drama, and poetry, with particular attention to social and cultural contexts. Writers include Nella Larsen, Ralph Ellison, Amiri Baraka, Toni Morrison, John Edgar Wideman, and Anna Deavere Smith. Focus on race, class, and gender, and on the authors' approaches to the role of literary art in society. *Same as AMS 365 & BLS 365.*

ENG 366 - Developments in Twentieth-Century Fiction

1 semester, 3 Credits

The focus is high Modernist prose fiction—Joyce, Proust, Stein, Woolf, Beckett, and others—with a glance at the predecessors—Balzac and Flaubert—and at the post-Modern followers.

ENG 367 - Modern Poetry

1 semester, 3 Credits

A close reading of poets in the English-speaking world from about 1890 to 1940. Yeats, Eliot, Frost, Pound, H.D., Stevens, and Moore are among the authors included. Topics pursued are the reactions of Modernists to 19th century style and subject, the underlying trends of dislocation and pessimism, and the search for new values and expressions.

ENG 368 - Twentieth-Century American Drama

1 semester, 3 Credits

Surveys American drama from O'Neill to the present. Dramatists include O'Neill, Miller, Williams, Albee, Hellman, Wilder, and others.

ENG 370 - Global and Postcolonial Literature

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Writing II

Examines contemporary global and postcolonial literature. Focuses on novels and short stories from countries and regions that were formerly part of the British Empire, with an emphasis on Anglophone Caribbean, African, and Indian fiction. Key themes: globalization; the effects of colonization and decolonization on the identities of the decolonized; and migration, exile, diaspora, displacement, and belonging. *Same as BLS 371.*

ENG 371 - Contemporary Poetry

1 semester, 3 Credits

A study of poets in the English-speaking world from about 1940 to present. Auden, Thomas, Lowell, Plath, Bly, Levertov, Heaney, Kinnell, Brooks, Olson, Creeley, and Walcott are representative of the new post-Modernism, a definition of which is still evolving.

ENG 372 - Contemporary Drama

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

A survey of drama from 1960 to the present. Emphasizes the relationship between the theater and national identity, and discusses how issues involving race, gender, language, and culture are represented in plays from a variety of nations.

ENG 373 - U.S. Fiction Since 1960

1 semester, 3 Credits

The focus is on prominent writing done or recognized in this period with attention to the infection of nonfiction with fictional techniques and the "democratization" of the term literature to include sci-fi, mystery, reportorial writing, and the wide range of ethnic and gender concerns.

ENG 375 - From Page to Screen

1 semester, 3 Credits

What happens when a printed work is transformed into a movie? This course traces the art and history of cinematic adaptation. Looks at many different kinds of works -stories, novels, poems, plays - and investigates the extents and limitations of literature and film.

ENG 376 - Toni Morrison

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Examines a selection of novels by the 1993 Nobel laureate Toni Morrison. Analyzes her dialogue with African American and American history, with an emphasis on individual and communal trauma, memory, and healing. Selected, accessible Morrison scholarship will be studied as well, with a focus on race, class, and gender, and on Morrison's strategies as a creative writer. *Same as AMS 376, BLS 376 & WMS 376.*

ENG 380 - Creative Writing in Fiction

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Helps students learn to write short stories. Exercises are designed to strengthen students' skill in rendering the elements of fiction. All work is discussed in a workshop situation. An anthology of short stories is read along with students' work. A folio of exercises, short stories, and revisions provides the basis for the course grade.

ENG 381 - Creative Writing in Poetry

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Helps students learn to write poetry. Exercises are designed to sharpen students' skill in rendering the elements of poetry. All work is discussed in a workshop situation. An anthology of poetry is read along

with student work. A folio of exercises, poems, and revisions provides the basis for the course grade. Some previous experience in writing poetry is expected.

ENG 384 - Contemporary Rhetorical Theory

1 semester, 3 Credits

Familiarizes students with a range of key issues, questions, and debates in contemporary rhetorical theory. Writing focuses on applications of theoretical ideas to the analysis of contemporary cultural texts, civic concerns, current events, and issues of academic and/or personal interest. Students learn to collaborate, revise, and compose in diverse genres and modes. *Prerequisites: Completion of Level I Writing Proficiency.*

ENG 385 - Advanced Writing

1 semester, 3 Credits

Explores the art of the essay by reading selected works of major essayists, analyzing carefully their prose style, and using their works as models for imitation. By semester's end, students will write original essays that demonstrate their control of the essay form, and their understanding of various techniques of prose style. *Prerequisite: Intensive Writing Level I Proficiency.*

ENG 390 - Law and Literature

1 semester, 3 Credits

Introduces students to both literary and legal texts, careful to identify and consider similarities and differences in literary and legal expression. Explores how both lawyers and writers handle legal matters. What, if anything, do they or can they learn from one another? Why are so many great writers drawn to the law?

ENG 391 - Film Noir and the Noir Novel

1 semester, 3 Credits

Investigates the "dark cinema" that flourished in the 1940's and 1950's, as well as its literary antecedent, the "roman noir." Examines important examples from both genres; students analyze and participate in the critical debates about the nature of noir. Understanding this genre leads students to see how audiences develop expectations about a given work. *Same as TDF 324.*

ENG 400 - Literary Criticism and Theory

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

An intensive examination of major works of literary criticism, from Plato to the present. Students will learn to write theoretically about literature and will be asked to apply specific critical methods to literary works. Readings may include Plato, Aristotle, Coleridge, Nietzsche, Freud, Derrida, Foucault, Nussbaum, and Cixous. *Prerequisite for students writing a senior thesis.*

ENG 440 - Studies in Literature

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Explores special topics not covered in regular offerings; may not be repeated from year to year. The

following Studies in Literature topics have been offered recently: Nature and the Arts, 18th-Century Novel, Medieval Romance, and Law and Literature.

ENG 441 - Studies in Literature

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Writing II

Explores special topics not covered in regular offerings; may not be repeated from year to year. The following Studies in Literature topics have been offered recently: Comedy in American Poetry, Holocaust Literature, and Romantic Novel.

ENG 442 - Seminar: The Prose Poem

1 semester, 3 Credits

Designed to be both a literature and a creative writing course. Introduces students to prose poetry, and traces the development of its tradition both here and abroad. Scrutinizes this hybrid form and traces its enigmatic history. Students will also write some prose poems.

ENG 460 - Tutorials

1 semester, 3 Credits

Tutorials provide individualized, independent study of a particular concept, topic, theme, or author, as well as advanced creative and/or expository writing. The student and instructor agree upon a mutual area of interest, the direction of study, and the nature and frequency of the meetings.

ENG 461 - Tutorials

1 semester, 3 Credits

Tutorials provide individualized, independent study of a particular concept, topic, theme, or author, as well as advanced creative and/or expository writing. The student and instructor agree upon a mutual area of interest, the direction of study, and the nature and frequency of the meetings.

ENG 480 - Seminars

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Seminars explore intensively a selected literary concept, genre, topic, or author. Classes are small in size and offer students the opportunity for oral presentations, leadership of class discussion, and a major research project. Recent seminar topics include Wordsworth, Literature of Spiritual Crisis, The Prose Poem, Women and Slavery, Yeats and Joyce, and New York Avant-Garde.

ENG 481 - Seminars

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Seminars explore intensively a selected literary concept, genre, topic, or author. Classes are small in size and offer students the opportunity for oral presentations, leadership of class discussion, and a major research project. Recent seminar topics include Wordsworth, Literature of Spiritual Crisis, The Prose Poem, Women and Slavery, Yeats and Joyce, and New York Avant-Garde.

ENG 488 - Seminar: Poetry Capstone

1 semester, 3 Credits

Builds on the craft skills acquired in ENG 381 in a smaller class with an intense focus on revision and critical reading. Students are encouraged to write more extensively while also concentrating with greater sophistication on applying ideas about prosody, form, and subject matter. Culminates in a final portfolio of twelve poems, a book review of a contemporary poet, and a recitation. *Prerequisite: ENG 381.*

ENG 489 - Seminar: Fiction Capstone

1 semester, 3 Credits

An advanced writing workshop, building on skills acquired in earlier English and Creative Writing courses. In addition to reading a selection of short fiction, students are expected to write and workshop their own short stories. At the end of the course, students submit a bound volume of their short stories prefaced with brief scholarly introduction.

ENG 490 - Independent Study

1 semester, 3 Credits

ENG 492 - Publishing and Producing the Alembic: A Practicum

1 semester, 1 Credit

Offered for student editors of *The Alembic*; focuses on the work of publication, production, design, and distribution of the annual literary magazine. Students oversee the call for submissions; correspond with poets and writers who have submitted work; read submissions and make editorial decisions; read assigned poems, stories, and translations as examples of strong contemporary literature; write annotations of both submissions and assigned poems and stories; design a web page; work on layout and liaising with printers; organize a launch party for the new issue; and distribute the journal locally and to contributors. May be taken multiple times for credit. *Registration by permission of the Chair.*

ENG 498 - Senior Thesis

1 semester, 3 Credits

Designed for seniors wishing to undertake a significant research project. Students work with a faculty advisor who will guide them from the planning stages of the thesis to its completion. A written proposal must be approved by a faculty advisor and department chair before registering. The thesis will be evaluated by the advisor and a second reader. *Prerequisite: ENG 400.*

ENG 499 - Senior Thesis

1 semester, 3 Credits

Designed for seniors wishing to undertake a significant research project. Students work with a faculty advisor who will guide them from the planning stages of the thesis to its completion. A written proposal must be approved by a faculty advisor and department chair before registering. The thesis will be evaluated by the advisor and a second reader. *Prerequisite: ENG 400.*

Finance

FIN 200 - Principles of Investing

1 semester, 3 Credits

An introduction to the investment process through the study of various financial assets and their characteristics. The concepts of risk, portfolio diversification, and the analysis of financial data will be stressed. Non-finance majors only.

FIN 207 - Managerial Finance I

1 semester, 3 Credits

The fundamental theory and practice of corporate financial management. Covers the basic tools and techniques of financial analysis, valuation, capital budgeting, long-term financing, and risk and return. *Prerequisites: ACC 203 and ECN 101 or 102.*

FIN 210 - Introduction to the Finance Profession

1 semester, 1 Credit

Introduces finance majors to the various career opportunities in finance including banking, wealth management, securities sales and trading, corporate treasury management, insurance and risk management, management consulting, as well as careers in the legal profession and information technology. Provides valuable information to students as they prepare for internship and field experiences in finance. *Prerequisite: FIN 207 or concurrent with FIN 207.*

FIN 211 - Personal Financial Planning

1 semester, 3 Credits

A review of the major components of a sound personal financial plan designed to maximize current wealth while providing for a secure financial future. Coverage includes topics such as cash budgeting, individual income taxes, insurance, retirement planning, and investment principles.

FIN 217 - Statistical Analysis for Business Decisions I

1 semester, 3 Credits

Introduces students to the basic statistical methods used to support problem-solving and decision-making in business and economics. Emphasis is placed upon understanding elementary concepts and procedures which include: descriptive statistics, basic probability rules, discrete and continuous probability distributions, the central limit theorem, hypothesis testing, regression, and correlation. *Prerequisite: MTH 107 or higher.*

FIN 218 - Financial Markets and Institutions

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

An introductory study of the financial system in capitalist societies, which includes analyses of the structure and functions of financial intermediaries and markets, financial instruments, and financial variables such as securities prices and returns. Also covers the Federal Reserve System, regulation, and financial stability. *Prerequisites: ECN 101 and 102; FIN 207.*

FIN 308 - Managerial Finance II

1 semester, 3 Credits

Intermediate-level study in corporate finance. The course investigates financial concepts and theories in greater depth. General topics include capital investment analysis, capital structure, dividend theory, decision-making under uncertainty, and firm ownership structure. *Prerequisite: FIN 207.*

FIN 310 - Operations Management

1 semester, 4 Credits

Students will learn to identify customer value, and to effectively manage the processes that translate the input of resources into the desired output. *Prerequisite: FIN 217 or MTH 217.*

FIN 311 - Management Science

1 semester, 3 Credits

Introduces the standard tools in Management Science as applied to problem-solving and decision-making in business. Emphasis is placed upon understanding elementary concepts and procedures which include: optimization, simulation, and network modeling. *Prerequisite: FIN 310.*

FIN 317 - Investments

1 semester, 3 Credits

A survey of various investment assets from the viewpoint of the investor and the security analyst. Emphasizes a blend of theoretical and practical applications and covers such topics as the investment environment, financial asset valuation, market efficiency, portfolio management, and derivative asset markets. *Prerequisites: FIN 207 and 218.*

FIN 320 - Insurance and Risk Management

1 semester, 3 Credits

A presentation of the fundamental principles of insurance. The course examines various types of insurance contracts, their risk-shifting nature, and evaluates basic features such as cost, exclusions, caps, deductibles, and co-payments.

FIN 325 - Entrepreneurial Finance

1 semester, 3 Credits

The practice of finance in an entrepreneurial setting. Students will explore the continuum of the entrepreneurial process from identifying opportunities to raising venture capital to exit or "harvesting" strategies, such as initial public offerings and acquisitions or mergers. Students will examine valuation and financial forecasting techniques at the various stages of venture capital. *Prerequisites: FIN 207 or FIN 201.*

FIN 417 - Fixed Income Securities

1 semester, 3 Credits

Material covers fixed income securities that are available to portfolio managers and the various investment strategies that individuals and institutional investors can employ to satisfy their asset-liability objectives. Interest rate risks, mortgage-backed securities, bonds with equity kickers and the spectrum of other asset-backed income securities, their associated derivatives and structural products are discussed. *Prerequisite: FIN 308.*

FIN 419 - International Finance

1 semester, 3 Credits

A study of the assessment and management of risk faced by multinational corporations with emphasis on problems emanating from fluctuating currency values. Additional sources of risk, such as political risk, also will be considered. A variety of techniques such as forecasting, hedging, and international financial management principles will be examined. *Prerequisites: ECN 101-102.*

FIN 420 - Corporate Treasury Management

1 semester, 3 Credits

Covers the treasury management principles and practices used to manage a company's global liquidity, capital, and risk management functions. Fundamental concepts of treasury management, working capital management, and managing corporate global liquidity will be discussed. Treasury management principles for the profit corporation, not-for-profit, and government entities are discussed. *Prerequisites: FIN 218 and FIN 308.*

FIN 440 - Options and Futures

1 semester, 3 Credits

A study of options and futures contracts markets including a rationale for the existence of these assets, an historical perspective on their development, various hedging and speculative strategies, and their impact on the underlying financial markets. *Prerequisite: FIN 200 or FIN 317.*

FIN 445 - Portfolio Management

1 semester, 3 Credits

The theory and practice of optimally combining securities into portfolios. Among topics examined are modern portfolio theory, managing portfolio risk through hedging, and measuring portfolio risk and return. *Prerequisite: FIN 200 or FIN 317.*

FIN 450 - Finance Internship

1 semester, 3 Credits

A mechanism by which students engage in professional work in an external environment for academic credit. Internships must consist of academic and experience components and will be supervised by a sponsoring faculty member. *Prerequisite: Permission of the department chairperson.*

FIN 470 - Special Topics in Finance

1 semester, 3 Credits

Open primarily to senior finance majors; provides in-depth study of advanced topics in finance, not otherwise covered in the finance curriculum. Topics will be based on current issues, student interest, and/or faculty research. May be repeated for credit as topics vary. *Prerequisite: Permission of Department Chair.*

FIN 475 - Financial Modeling

1 semester, 3 Credits

Provides a direct hands-on application of theory and practice in finance and reinforces the importance of financial modeling in Corporate Finance and Investments. Requires an extensive use of Excel and is intended for Finance majors who have a strong interest in applying financial theory to real world data. *Prerequisites: FIN 308 and FIN 317.*

FIN 480 - Seminar in Finance

1 semester, 3 Credits

Taught by a team of finance professors. Exposes the student to advanced topics in finance through a combination of lecture, critical discussion, and case analysis. *Prerequisite: ACC 203/204, ACC 110/111, FIN 207, FIN 308, FIN 310, MKT 205, MTH 217 or FIN 217, and MGT 301.*

FIN 490 - Independent Study in Finance

1 semester, 1-3 Credits

Open primarily to senior Finance majors. The student is provided the opportunity to explore advanced topics in finance outside of the regular departmental offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson. *Prerequisite: Permission of the chairperson.*

FIN 495 - Student Managed Investment Fund I

1 semester, 3 Credits

First course of two-semester sequence. Involves hands-on learning experience in security analysis and portfolio management. Provides valuable real-time experience in investment research, asset allocation and valuation, investment management, and the dynamics of the financial markets. *Permission of the department chairperson is required prior to registration. Prerequisite: FIN 317.*

FIN 496 - Student Managed Investment Fund II

1 semester, 3 Credits

Continuation of FIN 495. Involves hands-on learning experience in security analysis and portfolio management. Provides valuable real-time experience in investment research, asset allocation and valuation, investment management, and the dynamics of the financial markets. *Permission of the department chairperson is required prior to registration. Prerequisite: FIN 495.*

Foreign Language Studies-Arabic

Courses are conducted in the target language unless specified otherwise.

ARB 101 - Elementary Arabic I

1 semester, 3 Credits

An introduction to formal and spoken Arabic for those students who have never studied the language. Introduces the sound system of Arabic and basic grammatical structures. Students also learn how to read and write Arabic characters. Seeks to develop the student's oral and written expression, listening and reading comprehension, and understanding of the cultures of the Arab world.

ARB 102 - Elementary Arabic II

1 semester, 3 Credits

A continuation of ARB 101, designed for students who have had prior formal exposure to modern

standard Arabic. Presents basic grammatical structures, reinforces and extends reading skills, techniques for vocabulary building, and writing at the sentence and paragraph level. Emphasizes intensive conversational practice and communication in context. Additional material prepared by the instructor will serve to supplement the textbook for conversations and drills.

ARB 103 - Intermediate Arabic I

1 semester, 3 Credits

Designed for students who can read and write the Arabic alphabet, construct basic sentences, and are familiar with basic Arabic grammar concept and vocabulary; a continuation of ARB 102. Students learn how to introduce themselves and to conduct simple conversations on a range of everyday subjects. Students will learn to correctly use present, past, and future tenses, along with more complex vocabulary and grammar.

ARB 104 - Intermediate Arabic II

1 semester, 3 Credits

A continuation of ARB 103, designed for students who have had prior formal exposure to modern standard Arabic. Continues the process of presenting basic grammatical structures and reinforces and extends reading skills, techniques for vocabulary building, and writing at the sentence and paragraph level. Emphasizes intensive conversational practice and communication in context. Additional material prepared by the instructor will serve to supplement the textbook in such matters as conversations and drills.

ARB 201 - Arabic Composition

1 semester, 3 Credits

Designed for students with an intermediate level proficiency in Arabic. Students will learn the Arabic alphabet and phonetic and writing systems. The basics of reading, writing, listening comprehension, and speaking will be covered. Students will also investigate cultural aspects of the Arabic experience that can be appreciated without a broad linguistic knowledge of Arabic with materials presented by the instructor. *Prerequisite: ARB 104 or equivalent.*

ARB 490 - Independent Study in Arabic Language and Culture

1 semester, 1-3 Credits

Aims to help students reach a high standard of proficiency in Arabic by strengthening their reading comprehension skills, expanding their vocabulary, and improving their knowledge of sentence construction. Focuses on developing students' ability to comprehend and discuss materials related to the central issues in contemporary Arab media, culture, and politics. *Prerequisite: permission of department chair.*

Foreign Language Studies-Chinese

Courses are conducted in the target language unless specified otherwise.

CHN 101 - Elementary Chinese

1 semester, 3 Credits

An introduction to modern Mandarin Chinese for those who have never studied the language. Introduces the sound system of Mandarin Chinese and basic grammatical structures. Students also learn how to read and write Chinese characters. Seeks to develop oral and written expression, listening and reading comprehension, and understanding of the culture and society of China.

CHN 102 - Elementary Chinese II

1 semester, 3 Credits

Aims to further develop the basic oral and written skills in Mandarin. Students will gain a greater flexibility of expression, and will be able to communicate in familiar everyday situations such as life at school and other social interactions. Culture perspectives will be examined in order to foster a better understanding of the language. *Prerequisite: CHN 101.*

CHN 103 - Intermediate Chinese I

1 semester, 3 Credits

Introduces more sophisticated grammatical concepts and vocabulary from daily life. Emphasizes vocabulary building and greater fluency in utilizing communication skills in everyday situations such as talking about the weather, asking directions, celebrating someone's birthday, and seeing a doctor. Students begin to learn different strategies to express similar ideas and feelings, thereby gaining a greater flexibility of expression. *Prerequisite: CHN 102.*

CHN 104 - Intermediate Chinese II

1 semester, 3 Credits

Designed to further develop students' communicative competence in aspects of listening, speaking, reading, and writing. Through various activities and assignments, students are expected to understand and conduct conversations concerning dating, renting apartments, sports, travel, and at the airport. Students will be able to read simple texts related to the above topics and write essays with the more sophisticated words and expressions learned in the class. *Prerequisite: CHN 103.*

Foreign Language Studies-French

Courses are conducted in the target language unless specified otherwise.

FRN 101 - Elementary French I

1 semester, 3 Credits

Designed to introduce the French language to students who have no previous experience with the language. The course is communication-centered and develops oral, aural, reading, and writing skills concurrently. The active learning approach emphasizes pronunciation, vocabulary, and grammatical structures in the context of improving student's oral and written expression.

FRN 102 - Elementary French II

1 semester, 3 Credits

A continuation of French 101, this course also is appropriate for students who have previously studied French but are not prepared to resume study of the language at the intermediate level. The course

emphasizes pronunciation, vocabulary building, and practice of fundamental grammar points. The format of this course is designed to improve students' oral and written expression skills.

FRN 103 - Intermediate French I

1 semester, 3 Credits

Designed to further improve students' oral and written communication skills through the introduction of more complex grammar points and the acquisition of more extensive vocabulary. Class discussions and essay topics related to cultural and contemporary issues provide the opportunity for students to express themselves with more sophisticated and individual style.

FRN 104 - Intermediate French II

1 semester, 3 Credits

Provides students with the opportunity to practice, in speaking and in writing, more complex and nuanced linguistic elements in order to achieve a more advanced level of expression. Regular writing assignments and class discussions based on a variety of texts enhance students' ability to express themselves clearly and intelligently.

FRN 201 - French Composition

1 semester, 3 Credits

Development of more sophisticated reading and writing skills, with emphasis on accuracy of expression and development of personal style. This will be achieved through practice of complex grammatical structures and several types of writing: description, narration, expression of opinions, and others. Introduction to literary terminology and practice of literary analysis through examination of texts from various genres.

FRN 210 - Conversational French

1 semester, 3 Credits

Designed for students who aspire to engage in conversation with confidence, ease, and near-native fluency. Classes are discussion-centered, based on readings and clips on topics of interest to students, and emphasize listening skills, intonation, pronunciation, speech patterns, and conversational strategies.

FRN 212 - French Civilization

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts; Oral Communication

Examines the development of French civilization from the perspective of the arts as catalyst and mirror of the changes that transformed an occupied Roman territory into a major political and cultural force of the 21st century. Includes museum visits as well as individual and collaborative projects.

Prerequisites: FRN 201 and 210.

FRN 321 - Survey of French Literature I

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Close reading of selections from major works of the Middle Ages through the 18th century with attention to the development of literary genres and to the socio-historical context in which they

emerge. Includes oral and written work, *explications de texte*, and an introduction to a variety of critical perspectives. *Prerequisite: FRN 212.*

FRN 322 - Survey of French Literature II

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Critical examination of selections from works of the major literary movements of the 19th and 20th centuries with emphasis on developing students' analytical skills. Includes oral and written work, *explications de texte*, and the study of critical theory. *Prerequisite: FRN 212.*

FRN 370 - Special Topics in French Studies

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Provides the opportunity for in-depth study of a particular topic not treated in existing course offerings. Topics will vary and may be drawn from current issues or other related areas of interest to students of the discipline. *Prerequisite: Varies according to topic but always includes at least two FRN courses at the 200-level or above.*

FRN 404 - French Theater: From the Ancient Regime to the Absurd

1 semester, 3 Credits

A critical examination of the major works of French theater and a study of the evolution of theater as a genre from the post-Louis XIV era through the Theater of the Absurd. *Prerequisites: FRN 321 and 322.*

FRN 405 - French Novel: Origins Through the Age of Enlightenment

1 semester, 3 Credits

A study of the development of the novel as a genre through a critical examination of its earliest manifestations, including the 17th century's *Princesse de Clèves* and the epistolary novels of the 18th century. *Prerequisites: FRN 321 and 322.*

FRN 406 - French Novel: 19th and 20th Centuries

1 semester, 3 Credits

A critical examination of major novels from the Romantic era through Existentialism, the Nouveau Roman, and the contemporary novel. *Prerequisites: FRN 321 and 322.*

FRN 450 - Internship in French Studies

1 semester, 3 Credits

Offers majors at the advanced level the opportunity to apply and deepen their knowledge of the major language/culture in a meaningful way outside the classroom. Interns devote a minimum of 10 hours per week to supervised on-site responsibilities, and meet regularly with the faculty internship advisor to discuss the ongoing process of the scholarly project that will emerge from the internship experience.

Foreign Language Studies-German

Courses are conducted in the target language unless specified otherwise.

GER 101 - Elementary German

1 semester, 3 Credits

Intended for students who have not had any experience with the German language. The German language is introduced through the use of multimedia resources. The fundamentals of German grammar necessary for everyday use of the language are introduced as well as cultural material. Although the emphasis is on oral proficiency, attention is given to reading and writing.

GER 102 - Elementary German

1 semester, 3 Credits

Intended for students who have not had any experience with the German language. The German language is introduced through the use of multimedia resources. The fundamentals of German grammar necessary for everyday use of the language are introduced as well as cultural material. Although the emphasis is on oral proficiency, attention is given to reading and writing.

GER 103 - Intermediate German

1 semester, 3 Credits

Intended for students who have learned the fundamentals of the German language and wish to become more proficient in speaking, reading, and writing and to gain more knowledge of the culture. The course also includes a review of the fundamentals of German grammar. Multimedia resources will be used in the course in order to enhance the learning process.

GER 104 - Intermediate German

1 semester, 3 Credits

Intended for students who have learned the fundamentals of the German language and wish to become more proficient in speaking, reading, and writing and to gain more knowledge of the culture. The course also includes a review of the fundamentals of German grammar. Multimedia resources will be used in the course in order to enhance the learning process.

GER 201 - German Conversation I

1 semester, 3 Credits

Intended for students who wish to improve their speaking ability in order to communicate more easily with native German speakers. Everyday topics and short literary selections are used for discussion. Students prepare and present dialogues in German.

GER 490 - Independent Study

1 semester, 3 Credits

Research in selected areas of language or literature directed by a member of the department. Topic will be arranged in consultation with the instructor. *Prerequisite: Department chairperson approval.*

Foreign Language Studies-Italian

Courses are conducted in the target language unless specified otherwise.

ITA 101 - Elementary Italian I

1 semester, 3 Credits

An introduction to Italian language, culture, and literature using a communicative approach through exercises on grammar, vocabulary, and pronunciation. Cultural readings will include specific topics such as the Italian family, Italian education, geography, literature, and film.

ITA 102 - Elementary Italian II

1 semester, 3 Credits

A continuation of the material introduced in Italian 101. New vocabulary, irregular verbs, past tenses, and the present subjunctive. Special attention is given to the frequent use of authentic materials (literary readings, advertisements, television commercials). Readings will include specific cultural topics such as the Italian family, Italian education, geography, literature, and film.

ITA 103 - Intermediate Italian I

1 semester, 3 Credits

A review of basic grammar while building on students' proficiency in the four language skills (reading, writing, listening, and speaking). A wide range of authentic literary and non-literary texts such as the Internet to enhance language acquisition.

ITA 104 - Intermediate Italian II

1 semester, 3 Credits

A continuation of the material introduced in Italian 103. This course seeks to reinforce and expand students' linguistic and cultural proficiency at a more advanced level. Contextualized exercises with use of the Internet to enhance language acquisition.

ITA 201 - Italian Composition

1 semester, 3 Credits

Designed to expand the knowledge of Italian through a variety of written and oral assignments. Special attention will be on the development of students' cultural literacy and analytical skills as expressed in regular writing assignments. Discussions of selected cultural and literary topics, and differentiated grammatical exercises.

ITA 210 - Conversational Italian

1 semester, 3 Credits

Intended for students wishing to achieve near-native fluency in Italian. The course includes active use of the language, class discussions, and oral reports on selected cultural topics, oral summaries of short stories and other Italian texts, as well as viewing videos on contemporary Italy.

ITA 212 - Italian Civilization

1 semester, 3 Credits **Core Foundation/Proficiency: Fine Arts**

Provides a comprehensive account of the evolution of Italian civilization through an examination of Italian art, architecture, history, geography, cultural, and political developments from its origins to the present. Visits to the Rhode Island School of Design and other area museums or galleries. Affords

extensive practice in speaking, reading, comprehension, and writing in Italian. *Prerequisites: ITA 201 and 210.*

ITA 321 - Survey of Italian Literature I

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Selected readings from important works of Italian literature from its origin to the *Rinascimento*. Texts will be analyzed in their cultural and historical context; emphasis will be on the development of language and literary forms. Authors include St. Francis, Dante, Petrarch, and Boccaccio. Students will evaluate major themes through a variety of oral and written assignments. *Prerequisite: ITA 212.*

ITA 322 - Survey of Italian Literature II

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Selected texts from the most significant works of Italian literature from the 1500s to the present. Explores the development of literary styles and genres from the Baroque through contemporary writings. Students will develop an appreciation and solid understanding of the evolution of Italian literature by analyzing various stylistic techniques and critical approaches. *Prerequisite: ITA 212.*

ITA 370 - Special Topics in Italian

1 semester, 3 Credits

Provides students the opportunity for in-depth study of a particular topic not treated in existing course offerings. Topics will vary and may be drawn from current issues, events, debates, or from other related areas of interest to students of the discipline. Conducted in Italian. *Prerequisite: Varies according to topic but always includes at least two ITA courses at the 200-level or above.*

ITA 401 - Risorgimento I

1 semester, 3 Credits

Provides students with a comprehensive understanding of the literature of the years of the unification of Italy in the mid-1800s. Attention is given to the progression of Neoclassicism and Romanticism as evidenced in the works of authors such as Foscolo, Leopardi, and Manzoni. *Prerequisites: ITA 321 and 322.*

ITA 403 - Modern Italian Literature: The Early 1900s

1 semester, 3 Credits

An intensive survey of Italian literature from the beginning of the 1900s with Decadence and Futurism to the literature of the Fascist years in the 1940s. Attention will be paid especially to major writers such as Pirandello, Svevo, Ungaretti, and Montale. The course emphasizes the historical evolution of literary forms, themes, and genres. *Prerequisites: ITA 321 and 322.*

ITA 404 - Modern Italian Literature: 1950-Present

1 semester, 3 Credits

An intensive survey of Italian literature beginning with the years following World War II, from Neo-Realism to the postmodern contemporary writers, including women writers such as Dacia Maraini and Natalia Ginzburg. *Prerequisites: ITA 321 and 322.*

ITA 490 - Independent Study

1 semester, 3 Credits

Readings or research in selected areas of language or literature directed by a member of the department. Topic will be arranged in consultation with the instructor. *Prerequisite: Department chairperson approval.*

Foreign Language Studies-Spanish

Courses are conducted in the target language unless specified otherwise.

SPN 101 - Elementary Spanish I

1 semester, 3 Credits

An introduction to the Spanish language for those students who have never studied the language. The course exposes the student to basic grammatical structures and seeks to develop the student's oral and written expression, listening and reading comprehension, and understanding of Hispanic culture in the different Spanish-speaking countries.

SPN 102 - Elementary Spanish II

1 semester, 3 Credits

A beginning course for students with some prior knowledge of the Spanish language as determined by the Spanish placement exam. The course seeks to enhance the students' writing and speaking skills through extensive grammar exercises and class discussion of important themes in the Hispanic world.

SPN 103 - Intermediate Spanish I

1 semester, 3 Credits

An intermediate course for students who have taken classes previously in the Spanish language and who achieve the appropriate score on the Spanish placement exam. The course focuses on vocabulary acquisition and extensive practice of fundamental grammar points. The students will improve their listening and speaking skills through class discussion conducted in Spanish on a variety of cultural topics and contemporary issues.

SPN 104 - Intermediate Spanish II

1 semester, 3 Credits

An intermediate course for students who have achieved an adequate level of proficiency in Spanish as determined by the Spanish placement exam. The objective of the course is the enhancement of oral and written expression through class discussions and composition assignments. The topics for discussion emphasize the many facets of Hispanic culture.

SPN 105 - Spanish for Business Communications I

1 semester, 3 Credits

Specifically designed for students of business to communicate with business professionals in the Spanish-speaking world. Competency-based course gives practical knowledge, while reinforcing student's command of the Spanish language. Similar enough in content to SPN 103 that students are

not permitted to take both concurrently or sequentially for credit. *Prerequisite: Language Placement Test or SPN 102.*

SPN 106 - Spanish for Business Communications II

1 semester, 3 Credits

Emphasizes cultural and linguistic competence in business settings in the Spanish-speaking world. Students will be able to effectively communicate both orally and in writing, in a Spanish-speaking business environment. Similar enough in content to SPN 104 that students are not permitted to take both concurrently or sequentially for credit. *Prerequisite: Language Placement Test or SPN 103 or SPN 105.*

SPN 201 - Spanish Composition

1 semester, 3 Credits

Aims to continue the development of reading and writing skills through the analysis and discussion of cultural and literary texts, fostering the exchange of opinions and ideas in order to help students improve their communication abilities. Also comprises a review of advanced grammatical structures from a contrastive point of view.

SPN 205 - Spanish for Heritage Speakers

1 semester, 3 Credits

Designed for students raised in a home where Spanish was spoken, students who speak or only understand Spanish, students who are to some degree bilingual in English/Spanish, and who have little or no formal training in the language. It emphasizes the enhancement of vocabulary, writing, and reading skills. *Prerequisite: Placement test and/or instructor consent.*

SPN 210 - Conversational Spanish

1 semester, 3 Credits

A conversation course designed to enable students to express themselves correctly and comfortably in Spanish. Class discussion of contemporary cultural, social, and political issues enhances the students' perception of the Hispanic world. Essays, newspaper articles, and films provide students with the vocabulary and colloquial expressions to attain fluency in the spoken language.

SPN 212 - Hispanic Civilizations

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts; Oral Communication

Surveys the cultural history of Spain and Spanish America through an examination of the arts as a means of access to developing civilizations. Painting, sculpture, and architecture are analyzed, not only as aesthetic expressions, but as instruments of political and philosophical expression. Students acquire a more in-depth knowledge of the richness and complexity of the Hispanic World through the arts. *Prerequisites: SPN 201 and 210.*

SPN 310 - Spanish Phonetics

1 semester, 3 Credits

Designed to master Spanish accentuation and pronunciation systems through study and practice of

Spanish sounds and intonation patterns. The Spanish pronunciation is presented in contrast to that of American English to develop awareness of similarities and differences between systems. Students will also learn about Spanish dialects through the analysis of native oral samples. *Prerequisites: SPN 201 and 210.*

SPN 321 - Survey of Spanish Literature

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Traces the development of Spanish literature from the Middle Ages through the 20th century. Representative writers, together with the main tenets of literary movements, will receive special emphasis. Attention will be given to the cultural and historical ambience in which each work emerges. Students will read works in prose, verse, drama, and essay. *Prerequisite: SPN 212.*

SPN 322 - Survey of Spanish-American Literature

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Writing II

Studies and analyzes representative Spanish-American literary works from the colonial period through the present day. Provides an overview of the development of Spanish American literature via the study of some of the major writers and works from the time of the conquest through the contemporary period. *Prerequisite: SPN 212.*

SPN 325 - Smells Like Teen Spirit: The Hispanic Novel of Formation

1 semester, 3 Credits

Investigates the Bildungsroman throughout the Hispanic world. Attention will be paid to how the novel of individual formation reflects and responds to notions of social and national development. Using important examples of the genre from Spain and Latin America, students will explore the creation of a coherent self in literary texts. *Prerequisite: SPN 321.*

SPN 326 - The Dramatic and Poetic World of Federico García Lorca

1 semester, 3 Credits

Investigates the aesthetics of the Andalusian writer, Federico García Lorca. Students will analyze Lorca's writings and participate in discussions that include the author's role within the Spanish avant-garde, the relationship between his work and literary tradition--particularly the Spanish Golden Age--and the conflict between reason and passion prevalent in his literary cosmos. *Prerequisites: SPN 321.*

SPN 370 - Special Topics in Hispanic Studies

1 semester, 3 Credits

Provides students the opportunity for in-depth study of a particular topic not treated in existing course offerings. Topics will vary and may be drawn from current issues, events, debates, or from other related areas of interest to students of the discipline. *Prerequisite: Varies according to topic but always includes at least two SPN courses at the 200-level or above.*

SPN 401 - Spanish Literature of the Golden Age: The Renaissance

1 semester, 3 Credits

Focuses on the Renaissance outlook in Golden Age Spain as reflected in the literary genres of chivalric

romance, picaresque and pastoral novels, and poetry of the mystic and lyric traditions. Major selections from Cervantes' *Don Quijote* and his shorter novels, the *novelas ejemplares*, will be read and analyzed from the perspective of the sociopolitical and theological debates of the 16th century.

Prerequisites: SPN 321 and 322.

SPN 402 - Spanish Literature of the Golden Age: 17th-Century Spain on the Stage

1 semester, 3 Credits

Concentrates on playwrights such as Lope de Vega, Tirso de Molina, and Calderón, exploring the historical and cultural conditions underlying 17th-century Spanish theater. Designed to please a paying popular and a courtly audience, Spanish drama shaped a collective identity while projecting conflicts between desire and conformity. Analyzes issues of gender, identity, global expansion, scientific discovery, and tensions of a multicultural society. *Prerequisites: SPN 321 and 322.*

SPN 403 - The Spanish Novel of the 19th Century

1 semester, 3 Credits

A critical study of the literary movements of *costumbrismo*, *realismo*, and *naturalismo*. Special attention will be given to the novels of Alarcón, Clarín, Galdós, Pardo Bazán, and Valera. *Prerequisites: SPN 321 and 322.*

SPN 406 - Contemporary Spanish Prose

1 semester, 3 Credits

An approach to post-war narrative in Spain, with emphasis on the techniques of the "novel," particularly its relationship to European and Latin-American novel models. Authors include Cela, Fernández Cubas, Juan Goytisolo, Laforet, Llamazares, and others. *Prerequisites: SPN 321 and 322.*

SPN 407 - 20th-Century Spanish Drama

1 semester, 3 Credits

Examines the main dramatic tendencies in 20th-century Spain. Attention will be devoted to key theatrical developments within the context of philosophical (existentialism), social (neo-realism), and aesthetic (the theater of the absurd, post-Modernism) tendencies underlying much of Western thought during the 20th century. Arrabal, Buero Vallejo, Gala, Lorca, Sastre, and Valle-Inclán are among the authors included. *Prerequisites: SPN 321 and 322.*

SPN 408 - Contemporary Spanish-American Novel

1 semester, 3 Credits

Provides an in-depth study of the characteristics of the Boom (1950-1970) and Post-Boom (1968) movements of Spanish-American literature. It also considers the socio-cultural contexts of the respective periods. Works may include: Alejo Carpentier's *Los pasos perdidos*, Gabriel García Márquez's *Cien años de soledad*, Julio Cortázar's *Rayuela*, Isabel Allende's *La casa de los espíritus*. *Prerequisites: SPN 321 and 322.*

SPN 417 - Spanish-American Literature

1 semester, 3 Credits

A critical examination of themes, topics, and authors not otherwise covered in traditional genre or period courses. Readings will vary but will focus on underrepresented groups such as women writers, Afro-Hispanic, and indigenous literature written in genres such as the essay, drama, and poetry.

Prerequisites: SPN 321 and 322.

SPN 418 - Spanish-American Novel

1 semester, 3 Credits

Studies the development of the Spanish-American novel through 1950 focusing on issues of colonization, political, economic and cultural independence, identity, gender, and race. Texts may include: Fernández de Lizardi's *El Periquillo Sarniento*, Gertrudis Gómez de Avellaneda's *Sab*, Alejo Carpentier's *El reino de este mundo*. *Prerequisites: SPN 321 and 322.*

SPN 450 - Internship in Hispanic Studies

1 semester, 3 Credits

Offers majors at the advanced level the opportunity to apply and deepen their knowledge of the major language/culture in a meaningful way outside the classroom. Interns devote a minimum of 10 hours per week to supervised on-site responsibilities and meet regularly with the faculty internship advisor to discuss the ongoing process of the scholarly project that will emerge from the internship experience.

SPN 490 - Independent Study

1 semester, 3 Credits

Readings or research in selected areas of language or literature directed by a member of the department. Topic will be arranged in consultation with the instructor. *Prerequisite: Department chairperson approval.*

Geography

GEO 175 - Introduction to Geography

1 semester, 3 Credits

Explores the major concepts and approaches of modern geography (physical, cultural, economic, political, regional, and environmental) and their application in the 21st century. Uses a variety of pedagogical approaches including but not limited to: direct inquiry, analysis of current world issues, geographic technology labs, hands-on activities, discussion, and lecture.

Global Studies

GST 101 - Introduction to Global Studies

1 semester, 3 Credits **Core Foundation/Proficiency: Civic Engagement**

Explores the concepts and practices of citizenship in an age of globalization, and how best to promote economic development, democracy, community, and social justice. Students discuss globalization issues and the socio-economic, political, and cultural interconnections of the world by combining community experience and academic study. Particular attention will be drawn to perspectives on globalization beyond the Euro-American framework.

GST 201 - Case Studies in Globalization: Globalization and Cultural Identity

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

Building on the Global Studies introductory course, this course examines more particular issues related to globalization and develops an understanding of research methods and practical research skills. Case study analysis will provide the focusing tool for the study of a specific issue area.

Prerequisite: GST 101.

GST 202 - Globalization and Social Change

1 semester, 3 Credits

Builds upon the introductory course by examining in greater depth and scope the history and impacts of globalization in its cultural, economic, political and environmental dimensions. Students also explore their interest in particular global issues through research and community engagement, as well as develop skills necessary for effectively creating social change in a globalized world. *Prerequisite: GST 101.*

GST 290 - Global Engagement

1 semester, 1 Credit

Prepares students for the study abroad experience with particular attention to developing cross-cultural competency and global awareness.

GST 303 - Case Studies in Globalization

1 semester, 3 Credits

Allows students to examine more particular issues related to globalization as well as develop an understanding of research methods and practical research skills. Case study analysis will provide the focusing tool for the study of a specific issue area. Note: Course may be taken only one time for credit even if it is addressing different topics. *Prerequisite: GST 101.*

GST 325 - The Global Economy

1 semester, 3 Credits

Provides an overview of current economic theory and practice, and the role it plays in globalization. Interconnections among economic, social and cultural, educational, political, and environmental factors are also examined. Specific emphasis is given to understanding the impact of economic globalization on local economies, and vice versa. *Prerequisites: GST 101 or permission of instructor.*

GST 333 - Community Lens

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Fine Arts

Examines the concept and practice of community and social change through the lens of photography. Students learn digital photography skills, engage in a community-based photography project, and produce a final photo exhibition. *Same as ART 333 and PSP 333.*

GST 337 - Philosophy and Globalization

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Philosophy

Students will study the phenomenon entitled 'globalization' through readings and assignments that

focus on its epistemological, metaphysical, and ethical import and challenges. Emphasizes the multiple ways of addressing globalization—i.e., it places students in dialogue with scholars from both the developed and developing worlds and with key texts in both the history of philosophy and contemporary Continental and Catholic thought. *Same as PHL 337. Open to Sophomores, Juniors, and Seniors only.*

GST 352 - Global Feminisms in an Age of Empire and Beyond

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Addresses the relationship between feminism, colonialism, and post colonialism. The legacies of the unequal relationship between Western and non-western feminists often weighed heavily on emergent feminisms in postcolonial societies, and feminism took on new forms in response to those legacies. Course incorporates historiography, literary fiction, and film focused on the British and French empires. Not open to freshmen. *Same as HIS 352 and WMS 352.*

GST 355 - Comparative Race and Inequality

1 semester, 3 Credits

Examines histories and contemporary experiences of race across multiple settings, with attention to how race intersects with other social identities. Explores the relevance of race in understanding inequality, privilege, and community. Scholarly publications, autobiographies, films, non-fiction, media coverage, and community events serve as course texts. *Same as SOC 355 and BLS 355.*

GST 360 - Justice Across Borders

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Focuses on the meaning of "justice across borders," with special attention to the historical and contemporary relationship between the U.S. and its border communities. Reflection on cross-border service experience will be included in the course with opportunities to identify and develop strategies for defining and enhancing justice across borders. *Same as PSP 360. Prerequisites: PSP 101 or GST 101.*

GST 370 - Special Topics in Globalization

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Provides students the opportunity for the in-depth study of a current controversy or theoretical issue in international relations and events of global interest. Topics may include global environmental policies, the anti-corporate-globalization movement, women in the global economy, global diasporas and cultural change, and ethnicity and nationalisms. *Prerequisite: Varies.*

GST 371 - Topics in Global Service Learning

1 semester, 4 Credits **Core Foundation/Proficiency:** Civic Engagement

Provides the opportunity for the in-depth study of a current controversial or theoretical issue in global studies with real-world applications. Taught as an advanced seminar special topics course, which includes an international service learning component of at least one week (5 days) of service, field work, excursions, and lectures. A small discussion-based seminar with an intensive writing component; students must be willing to critically reflect on material and engage in theoretical and

practical discussions surrounding international cross-cultural engagement. *Students are charged trip fees and airfare in addition to tuition.*

GST 395 - Research in Global Studies

1 semester, 1-3 Credits

Students will engage in a creative research project under the direction of a faculty member. Variable credit hours (1-3 credit hours) where 1 credit hour equals 4 hours research time. May be repeated for credit.

Pass/fail basis only. Prerequisite: permission of the instructor required.

GST 401 - Political Economy of Race

1 semester, 3 Credits

Examines the co-evolution of race and capitalism over the past 500 years, from racial justifications of imperialism (for an early critique see de las Casas 1552) to contemporary processes of neo-colonialism, neo-liberalism and racial capitalism. *Same as SOC 401 and BLS 401. Prerequisites: One of the following: BLS 101, SOC 313, SOC 315, GST 355, or permission of instructor.*

GST 410 - Crossing Borders

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

Examines the concept and practice of "border crossing" with readings, intensive writing, in-class and public presentations, and digital media to reflect upon and integrate the study abroad experience. Geared toward upper level students returning from international immersion; particular attention will be drawn to cross-cultural communication, global leadership, and post-graduate opportunities. *Prerequisite: Students must have studied abroad at an approved study abroad program to take this course, either during one of the academic semesters prior to the course or during the summer.*

GST 418 - Globalization and Social Justice

1 semester, 3 Credits

With the fall of socialist states, capitalist markets, economic relations, and consumerism have become global. Examines the political, cultural, and economic origins, consequences, and responses (with specific concern for the prospects for social justice, democracy, and equality) in the rich and poor countries of the world; impacts on workers; ecological, resource, and environmental implications; and anti-corporate globalization resistance movements. *Same as AMS 418, SOC 418, and WMS 418.*

GST 445 - The Consumer Society

1 semester, 3 Credits

Consumption and consumerism are driving forces sustaining the expansionist logic of advanced capitalism and globalization. Consumption of commodities has become the basis for the formation of ever-changing individual and group identities. Examines the historical development of consumerism, theoretical approaches to understanding the political, social, economic, individual, and very importantly, the environmental consequences of consumerism. *Same as AMS 445, SOC 445, and WMS 445.*

GST 450 - Global Studies Internship

1 semester, 3 Credits

Students have the opportunity to broaden their understanding of globalization by engaging in approved on-site internship experiences related to issues such as world hunger and poverty, immigration, the rights of world children, indigenous rights and cultures, and local alternatives to global agribusiness. *Prerequisite: Permission of the chairperson.*

GST 454 - Immigration

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Public discourse questions whether contemporary immigration is beneficial for society and whether today's immigrants will assimilate similarly to previous immigrants. This course engages these debates by situating present-day U.S. immigrant experiences in historical and comparative perspectives. Topics include: theories of migration, immigrant incorporation, effects of migration on sending and receiving societies, and immigration laws and current policies. *Same as SOC 454.*

GST 480 - Global Studies Capstone Seminar I

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

The capstone is designed to provide students with the tools for conducting research and for critically analyzing issues at global, national, and local levels. Students are responsible for analyzing topics on globalization and facilitating in-class discussions drawn from their experiences and research.

GST 481 - Global Studies Capstone Seminar II

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Majors in global studies are required to develop a thesis as part of their graduation requirements. This course assists with further development of critical thinking, research, and communication skills. Each student engages in a research project on a topic previously explored and selected in the Capstone Seminar I, along the lines of their concentration area of global studies.

GST 490 - Global Studies Independent Study

1 semester, 3 Credits

Provides students the opportunity for in-depth study of a particular area related to global studies.

Health Policy and Management

HPM 101 - The American Health Care System

1 semester, 3 Credits

Explores the historical evolution and current structure of the U.S. health care system. Examines the socioeconomic context in which health care is delivered, the providers of health services, and those who pay for this care. Students also analyze contemporary proposals for reforming the health care system.

HPM 202 - Principles of Health Care Management

1 semester, 3 Credits

Builds a foundation for health care management by introducing students to topics such as leadership, management theory, strategic planning, quality and performance improvement, information technology, financial management, human resources, teamwork, cultural competency and diversity, ethics, and fraud and abuse. Theory is integrated with real world problems through the use of case studies and relevant literature. *Prerequisite: HPM 101.*

HPM 240 - The Epidemiology of Health and Disease

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

How do epidemics start? How can we control the spread of disease? Epidemiology studies the determinants of health and disease from a population perspective. Students gain familiarity with concepts and methods in the field using case studies to illustrate how epidemiologists conduct research, analyze data, and make public health recommendations. *Prerequisite: HPM 101.*

HPM 250 - Computer Information Systems in Health Policy and Management

1 semester, 3 Credits

Students explore new developments in information systems and technology in health care organizations, master the use of commonly used software tools, develop presentation skills, and gain experience working in teams. No prior knowledge of computer information systems is assumed. *Prerequisite: HPM 101.*

HPM 300 - Financial Management of Health Care Institutions

1 semester, 3 Credits

Introduces students to the challenges of financial management in a complex health care environment. Topics include the third-party payer system, basic accounting principles, analyzing financial statements, and concepts such as cost allocation and product costing, cost variance analysis, the time value of money and its role in capital project analysis, and managing cash flow. *Prerequisite: HPM 101.*

HPM 303 - Management of Human Resources in the Health Care Setting

1 semester, 3 Credits

Explores the human resource manager's responsibility to recruit and retain personnel and to coordinate policies throughout the organization. Lectures and class exercises examine the interaction of managers and other members of the health care team to promote both organizational effectiveness and employee satisfaction. *Prerequisite: HPM 101.*

HPM 310 - Health Law

1 semester, 3 Credits

Explores practical aspects of health law, with an emphasis on personal liability, corporate liability, and intentional torts. Students learn essential guidelines for health care managers in establishing policies concerning medical records, insurance considerations, and risk management. State regulation of health care organizations and the liability of personnel working in health care facilities also are considered. *Prerequisite: HPM 101 and junior standing.*

HPM 315 - Issues in Global Health

1 semester, 3 Credits

Explores some of the important health problems and issues that transcend national boundaries such as infectious diseases, health disparities among countries, or global warming. Students examine how these problems are addressed through cooperative actions and international programs and analyze the role of key national and global actors. *Prerequisite: HPM 101 and junior standing.*

HPM 319 - Sociology of Health and Illness

1 semester, 3 credits

Explores the social aspects of health and illness, the relationship of illness to the organization of society, and the organization of medical care—the distribution of correlates of mortality and morbidity, attitudes toward illness, the sick role, the organization of therapeutic settings, the economics, and the politics. Health delivery systems are evaluated cross-culturally and proposals for change in the American health system are critiqued. *Same as SOC 319.*

HPM 320 - Perspectives on Not-for-Profit Organizations

1 semester, 3 Credits

An introduction to the history and role of not-for profit organizations (NFPs) in the health care system. The mission and goals of NFPs are contrasted with those of for-profit organizations. Students review managerial activities within NFP organizations, such as health insurers, community hospitals, and advocacy groups. *Prerequisite: HPM 101.*

HPM 322 - Public Health Administration and Practice

1 semester, 3 Credits

Focuses on the development of policies and programs designed to promote the health of individuals, groups, communities, and populations. Students will consider the challenges of measuring and targeting interventions to prevent and control diseases and will consider the role of both public health agencies and private actors in addressing these issues. *Prerequisite: HPM 240.*

HPM 323 - Administration of the Extended Care Facility

1 semester, 3 Credits

Offers an in-depth study of the demand for, and organization of, nursing homes, assisted living facilities, and other long-term care providers. Students will compare the managerial challenges of caring for patients in both institutional and home/community-based settings. *Prerequisite: HPM 101.*

HPM 331 - Aging and Health

1 semester, 3 Credits

Examines the impact of aging on individuals, health providers, and the American health care system. Special attention paid to the health service needs generated by an aging society and contemporary responses to these needs in the United States. *Prerequisite: HPM 101.*

HPM 395 - Research

1 semester, Variable credit hours (1-3 credit hours) where 1 credit hour equals 4 hours research time.

Students will be engaged in a creative research project under the direction of the faculty member. May be repeated for credit, but may only be applied to the Health Policy and Management major once.

Offered in the fall semester. *Must be taken on a pass/fail basis. Prerequisite: permission of the instructor required.*

HPM 396 - Research

1 semester, Variable credit hours (1-3 credit hours) where 1 credit hour equals 4 hours research time.

Students will be engaged in a creative research project under the direction of the faculty member. May be repeated for credit, but may only be applied to the Health Policy and Management major once.

Offered in the spring semester. *Must be taken on a pass/fail basis. Prerequisite: permission of the instructor required.*

HPM 408 - Policy Analysis in the Health Sector

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

Explores the role of public officials and private interests in shaping health care policy and develops essential skills for students to participate in the policy making process. Policy issues are discussed using case studies, role playing, and debates. Students examine the processes of agenda-building, decision-making, and program implementation on a variety of state and federal health policy issues.

Prerequisite: HPM 310 and junior status.

HPM 420 - Strategic Management in Health Care

1 semester, 3 Credits

Explores the strategic decision-making process in health care organizations. Topics include the analysis and evaluation of health-related programs as well as the marketing, financing, and operational analysis conducted within health care provider institutions. Students will make extensive use of case studies. *Prerequisites: HPM 300 and HPM 310.*

HPM 430 - Intensive Writing Seminar

1 semester, 3 credits **Core Foundation/Proficiency:** Writing II

Explores a theme in contemporary health policy and management through advanced readings, student led discussions, and a major writing project. Offers intensive, personalized instruction in academic writing in the field of health policy and management. Guides students through conducting research, planning a writing project, and developing advanced skills in rhetoric, grammar, and revision.

Prerequisites: HPM 101 and HPM 240.

HPM 445 - Diet, Nutrition, and Obesity in the United States

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II; Oral Communication

Is obesity a disease? Is obesity a matter of personal responsibility, or is it due to a culture overloaded with unhealthy foods? This research and writing-intensive seminar explores answers to these and other key questions using an interdisciplinary approach. Students will examine changes in health policy, medicine, and other areas that contribute to understanding and defining obesity. *Prerequisites: HPM 101 and HPM 240.*

HPM 450 - Field Experience

1 semester, 3 Credits

Students develop their professional skills under the guidance of an internship supervisor at a placement site arranged in collaboration with a faculty member. Students will be expected to apply concepts and skills from their previous course work to practical problems in their organization. Seminar meetings allow students to reflect upon their experiences. *Prerequisites: HPM 300, 310, and 408. Open to HPM seniors or by permission.*

HPM 470 - Special Topics in Health Policy and Management

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

This research seminar offers students an opportunity to study selected topics and issues that are not addressed in-depth elsewhere in the curriculum. Topics will change over time in response to new trends and issues in the health care system. *Prerequisite: Open to HPM juniors and seniors.*

HPM 480 - Senior Seminar in Health Policy and Management

1 semester, 3 Credits

A team-taught capstone seminar for seniors that examines contemporary health policy and management issues from an interdisciplinary perspective. Students develop a deeper appreciation for the historical, ethical, legal, socioeconomic, and political dimensions of contemporary health policy and management issues. *Prerequisite: Senior standing.*

HPM 490-491 - Independent Study in Health Policy and Management

1 semester, 3 Credits

Allows for in-depth study of a topic in health policy and management. This is designed as an advanced course; the student and the faculty member must agree upon a syllabus that includes a schedule of assigned readings and a major paper/project. Students may enroll in more than one independent study to explore different topics in the field. *Prerequisite: Junior or Senior standing.*

History

HIS 100 - Thinking and Writing about History

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing I

Introduction to the study of the field of history. Considers the methods of historical thinking that involve the critical investigation, interpretation, analysis, synthesis, and evaluation of historical sources as well as the development of essential writing, research, and verbal skills. Further considers basic issues of historiography and the philosophy of history.

HIS 103 - U.S. History to 1877

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

Survey course of American history from colonial beginnings through the Civil War and Reconstruction. *Same as AMS 103.*

HIS 104 - U.S. History Since 1877

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Survey course of American history from the end of Reconstruction through the present day. *Same as AMS 104.*

HIS 200 - Japanese Pop Culture as Postwar History

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Interdisciplinary exploration of modern Japanese popular culture and as a way of understanding Japan's postwar history. Examines such familiar pop-cultural objects as the samurai, baseball, giant monsters (*kaijū*), and Japanese animation (*anime*), among other topics, while also analyzing their historical context and appropriation in other milieu. *Same as AST 200.*

HIS 202 - American Military History

1 semester, 3 Credits

Using lecture and small group discussions, this course is a survey of the American military experience from the Colonial wars to Desert Storm. The instruction analyzes the policies, strategies, and tactics of three centuries of military history. These events are analyzed using the conventional discipline of historical methodology and the classical norms of the principles of warfare. *Same as MIL 202. Satisfies pre or post-1877 American history requirement for minor.*

HIS 205 - Introduction to Public History

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

Public History is the interdisciplinary, applied, and collaborative practice of history outside of the academy. Introduces the theory and practice of public history, including subfields such as archives, historic preservation, contract history, cultural resource management, oral history, and curatorial work.

HIS 207 - African-American History 1619 to Present

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Examines the African-American experience from the establishment of slavery in North America to the present. Examines the establishment of slavery, the Civil War and the end of slavery, the establishment of systems of racial segregation, and the corresponding efforts to end racial oppression in the United States. *Satisfies pre-1877 American history requirement for major/minor.*

HIS 214 - North American Religious History

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II; Theology

Explores diverse figures, movements, and issues in American religious history from the seventeenth to the mid-twentieth century. Contesting a "melting pot" or "Americanization" narrative, we ask instead how religious groups have continued to remake and reimagine themselves amidst the multiplicity of American life. Special attention will be given to issues of tolerance and church-state relations. *Satisfies pre- or post-1877 American history requirement for major/minor. Prerequisite: Completion of 200-level Theology Core course.*

HIS 215 - The Diversity of Latin American Religious History

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Theology

An awareness of the centrality of religion in changing and shaping society in Latin America from the pre-Contact period, through the colonial period, and to the twenty-first century is imperative to understand this region. Systematically explores the sophisticated and multifaceted religious history of Latin America to develop students' knowledge of the socio-cultural, economic, and political role of religion. *Some prior knowledge of Latin American, North American, or European religious history is helpful, but not required. Satisfies non-Western history requirement for major/minor. Prerequisite: Completion of 200-level theology core course.*

HIS 218 - Multicultural United States: Racism, Ethnicity, and Immigration History in the Contemporary U.S.

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Racism in the United States remains a topic of fierce debate today. This course places contemporary racial issues in an historical context by examining institutional racism, ethnicity, and immigration from the Civil War to today. Specifically compares how Native Americans, African Americans, Latino/a Americans, Asian Americans, and American Muslims have shaped their own identities in the United States over time. *Same as AMS 218. Satisfies post-1877 American history requirement for major/minor.*

HIS 220 - Living in an Imperial World: Cities and Empires, 1500 to the Present

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

From the early modern period through to the mid-twentieth century the dominant political structure in a globalizing world was not the nation-state but the empire. This course examines and compares early modern and modern empires through the histories of the cities that were central to imperial networks, including Tangiers, Calcutta, Hanoi and Newport. *Satisfies pre- or post-1715 European history requirement for major/minor.*

HIS 226 - Women and the Modern American Experience

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Explores the contributions of women to the American historical experience since the Civil War and the impact of changes in American politics, economics, and society on women and family; the emergence of the modern American family and a working class culture; the impact of industrialization; and the upheavals of the 20th century, such as two World Wars, the Great Depression, etc. *Same as WMS 226. Satisfies post-1877 American history requirement for minor.*

HIS 230 - Early Latin American History

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Survey on Early Latin America, from the initial encounter to Independence, assesses the impact of contact, conquest, and colonization on pre-contact peoples, the introduction of non-Indigenous populations, and the evolution of political, economic, cultural, and religious institutions. Specific topics include rural and urban communities, accommodation and resistance patterns, as well as race, class, gender, and kinship. *Satisfies pre-1877 American history requirement for major/minor.*

HIS 231 - Modern Latin American History

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Writing II

Surveys the period from Independence to today, and gives particular attention to politico-economic and socio-cultural transformations (i.e., revolutions, military dictatorships, social movements, economic expansions, and democratic consolidations) that have affected Latin America from the 19th to the 21st centuries. Its regional and comparative perspective highlights Mexico, Cuba, Brazil, Chile, Nicaragua, and Peru. *Satisfies post-1877 American history requirement for major/minor.*

HIS 240 - Native American History to 1815

1 semester, 3 Credits

Explores the historical development of the indigenous peoples of North America to 1815. Pays special attention to the development of pre-Columbian societies, the impact of European colonization on indigenous peoples, and the social, cultural, political, diplomatic, and military methods native peoples used to confront Western imperialism. *Satisfies non-Western history requirement for major/minor.*

HIS 241 - Native American History since 1815

1 semester, 3 Credits

Explores the development of the native peoples of North America from 1815 to today. Pays special attention to Indian removal, forms of resistance utilized by indigenous leaders, the challenge of westward expansion, the rise of the American Indian Movement, and the origins and course of modern Native America. *Satisfies non-Western history requirement for major/minor.*

HIS 255 - Colonial North America: From Contact to Constitution (to 1789)

1 semester, 3 Credits **Core Foundation/Proficiency: Oral Communication**

Looks at diverse and resilient native cultures; the hopes and struggles of colonists as they established themselves in each region; the ways entrenched slave economies developed alongside powerful new ideas about freedom; and the fiery debates that led to the Revolution and the Constitution. *Same as AMS 255. Satisfies pre-1877 American history requirement for major/minor.*

HIS 256 - Creating a Nation from Founding to Civil War (1789-1877)

1 semester, 3 Credits

Examines the struggles of early Americans to create a viable, lasting republic despite disagreements over the meaning of the Constitution; demands for increased democracy; industrial development; rapid immigration; and expansion westward. Yet nothing threatened the nation more than sectional disagreements over slavery, culminating in the Civil War and Reconstruction. *Same as AMS 256. Satisfies pre-1877 American history requirement for major/minor.*

HIS 257 - Redefining the United States at Home and Abroad (1877-1939)

1 semester, 3 Credits

Examines how Americans grappled with the emergence of the United States as an industrial and world power, including continued racial tensions and opposition to new immigrant groups, Native Americans, and African Americans; imperial expansion into the Caribbean and Pacific; the politics of the Gilded Age; Progressive Era reform movements; the First World War; and the Great Depression and New Deal. *Same as AMS 257. Satisfies post-1877 American history requirement for major/minor.*

HIS 258 - The American Century (1939-Present)

1 semester, 3 Credits

Studies the role of America as a global superpower, from the Second World War, through the Cold War, Vietnam, and the war against terrorism, as well as how domestic civil rights battles by blacks, women, immigrants, and other minority groups have shaped American society and culture to the present day. *Same as AMS 258. Satisfies: Post-1877 American History requirement for major/minor.*

HIS 260 - Renaissance Florence: City and Culture: 1300-1550

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Analyzes the political, social, economic, cultural, and artistic changes that occurred between the 14th and 16th centuries. It especially focuses on the Italian experience. *Satisfies pre-1715 European history requirement for major/minor.*

HIS 280 - Ethnicity in the Ancient World

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication; Diversity

Studies ancient thinking about ethnicity and race in the Greco-Roman World, how ethnicity was defined, how Greeks and Romans used concepts of ethnicity to differentiate peoples, and how ancient thinking about ethnicity and race influences modern thinking. Uses primary and secondary texts, and requires no background in ancient history.

HIS 298 - East Asian History I

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

A survey of East Asian history from its beginnings through the late-eighteenth century. Acquaints students with the major topics in early Chinese, Japanese, and Korean history and explores such themes as the construction of political authority, the place of marginal social groups, and the intercultural interactions that characterized the region's history. *Same as AST 298. Satisfies non-Western history requirement for major/minor.*

HIS 299 - East Asian History II

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

A survey of modern East Asian history from the mid-nineteenth to the late twentieth centuries. Focuses on Asia's transition to modernity, and such topics as the development of the modern nation-state in Japan, imperialism and revolution in China, Korea's colonial period, the Second World War, and Asia's place in the Cold War world. *Same as AST 299. Satisfies non-Western history requirement for major/minor.*

HIS 304 - Modern Britain

1 semester, 3 Credits

Covers the history of Britain and the British Empire from the end of the seventeenth century until the present, with a focus on British politics, society and culture. Key themes include the relationship between Britain and the rest of the world; the long, troubled emergence of democracy in Britain; and interactions between social, political and cultural change. *Satisfies post-1715 European history requirement for major/minor.*

HIS 305 - Europe from 1555 - 1648

1 semester, 3 Credits

Considers the history of Europe during the hegemony of Spain from the Religious Peace of Augsburg to the Peace of Westphalia ending the Thirty Years War. Attention is given to England during the age of Elizabeth and the early Stuarts to France during the age of the religious wars and under the centralizing influence of Richelieu. *Satisfies pre-1715 European history requirement for major/minor.*

HIS 306 - Europe from 1648-1714

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Examines the history of Europe under French hegemony, emphasizing the impact of the reign of Louis XIV in France and the Stuart monarchs in England. *Satisfies pre-1715 European history requirement for major/minor.*

HIS 308 - Europe from 1815-1914

1 semester, 3 Credits

This European survey course covers the period from the Congress of Vienna to the outbreak of World War I. Study of the Concert of Europe, industrialization, imperialism, developments in culture, the forces of nationalism and liberalism, and the controversial causes of the First World War is included. *Satisfies post-1715 European history requirement for major/minor.*

HIS 311 - Era of the French Revolution

1 semester, 3 Credits

Explores the causes, the course, and the consequences of the decade of revolution in France, 1789-1799. Attention is given not only to politics but also to social, economic, religious, and cultural developments. The course ends by considering the career of Napoleon Bonaparte from 1799-1815 and assessing his transformation of revolutionary France and of the Europe of his day. *Satisfies post-1715 European history requirement for major/minor.*

HIS 313 - Eastern Europe Since World War I

1 semester, 3 Credits

Examines the turbulent history of the nations of Eastern Europe from the end of World War I to the present. Among the topics covered will be the rise of fascism, World War II, the rise and fall of communism, and Eastern Europe today. *Satisfies post-1715 European history requirement for major/minor.*

HIS 316 - The Civil War and Reconstruction

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

The road to war is traced from the Texas Revolt to the bombardment of Ft. Sumter. The slavery issue is analyzed, and the course of the war is studied in detail. The consequences of the war, attempts to implement differing plans of Reconstruction, and the end of the Reconstruction are examined. *Same as AMS 315 and BLS 316. Satisfies pre-1877 American history requirement for minor.*

HIS 317 - America in the Gilded Age, 1877-1897

1 semester, 3 Credits

Explores the tumultuous end of the 19th century, as the nation grappled with the consequences of industrialization, urbanization, labor unrest, and renewed immigration. Topics will include the political, legal, social, and religious debates over the virtues and vices inherent in the capitalist system, as well as the proposed reforms of the laissez-faire capitalism of the period. *Satisfies post-1877 American history requirement for minor.*

HIS 319 - Victorian Worlds: British Society, 1837-1901

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Investigates the social history of nineteenth-century Britain and the British Empire. It takes as its starting point a seeming paradox: Victorian Britain prized the idea of liberty, yet was also a coercive and conformist society. It explores the ways in which Victorians lived, thought, worked and played and how their experiences shaped social, artistic and political movements. *Satisfies post-1715 European history requirement for major/minor. Prerequisite: HIS 100.*

HIS 324 - The Reformation

1 semester, 3 Credits

Explores the political, religious, and cultural changes that caused the breakup of medieval Catholic Christendom. It also stresses a theological understanding of the reformers' positions as well as the Catholic response to Protestantism. Students who earn credit in THL 336 may not enroll in this course. *Satisfies pre-1715 European history requirement for major/minor.*

HIS 325 - The American Revolution

1 semester, 3 Credits

The American Revolution is traced from the Seven Years War to the Ratification of the U.S. Constitution. The social, economic, political, and cultural dimensions of the imperial crisis are examined in detail. The War for Independence, as well as the short and long-term consequences of Independence, are also covered. *Same as AMS 326.*

HIS 331 - Medieval Europe I

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Examines the intellectual, cultural, institutional, social, and political aspects of the Early Middle Ages, emphasizing the fusion of the Roman, Teutonic, and Christian cultures in forming medieval society. *Satisfies pre-1715 European history requirement for major/minor.*

HIS 332 - Medieval Europe II

1 semester, 3 Credits

Examines the intellectual, cultural, institutional, social, and political aspects of the Middle Ages from the late Carolingian Age and feudal period through the High Middle Ages. *Satisfies pre-1715 European history requirement for major/minor.*

HIS 337 - The Ancient Greek World

1 semester, 3 Credits **Core Foundation/Proficiency: Writing I**

Surveys the history and civilization of the ancient Near East and Greece from earliest times to the death of Alexander the Great. *Satisfies pre-1715 European history requirement for major/minor.*

HIS 338 - The Roman Republic and Empire

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Traces the history of Rome from earliest times to the fall of the Empire in the West. *Satisfies pre-1715 European history requirement for major/minor.*

HIS 339 - Ancient Egypt

1 semester, 3 Credits **Core Foundation/Proficiency: Oral Communication**

Traces the political, cultural, and social history of ancient Egypt from earliest times to the death of Cleopatra (30 BCE). Students will study Egyptian history through lecture, original Egyptian texts, and secondary readings, and will explore expressions of specific historical developments by presenting oral analyses of archeological sites, texts, and selected works of Egyptian art. *Satisfies non-Western history requirement for major/minor.*

HIS 342 - History of the Middle East to 1920

1 semester, 3 Credits

A study of the Middle East before Islam: the rise and fall of the Islamic Empire; the heirs of the Islamic Empire, especially the Ottoman Empire and the Safavids of Iran; and the decline of the Ottoman Empire (including World War I) to 1920. *Satisfies non-Western history requirement for major/minor.*

HIS 344 - History of Africa Since 1850

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

This survey course will examine the partition of Africa, colonialism, the growth of African nationalism, independence movements, and the politics of the Cold War. Social and cultural issues will also be considered. *Same as BLS 344. Satisfies non-Western history requirement for major/minor.*

HIS 345 - History of the Modern Middle East

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity; Writing II**

Focuses on the emergence of the modern-day Middle East after the break-up of the Ottoman Empire following World War I. Explores the origins of the Arab-Israeli conflict, the civil war in Lebanon, the Iran-Iraq war, the Persian Gulf War, and Islamic revivalism, neo-colonialism, democratization, industrialization, and modernization. *Satisfies non-Western history requirement for major/minor.*

HIS 346 - Slavery in the United States, 1619-1865

1 semester, 3 Credits

Examines the African-American experience from the beginning of the slave trade through end of slavery in America. Working with both primary and secondary material, students will study the origins, development, and ultimate destruction of the system of slavery in the United States. Topics include

the relationship of race and class in a slave society, and the variations in the experience of enslaved men and women. *Same as BLS 346. Satisfies pre-1877 American history requirement for minor.*

HIS 352 - Global Feminisms in the Age of Empires and Beyond

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Writing II

Addresses the relationship between feminism, colonialism, and post colonialism. The legacies of the unequal relationship between Western and non-western feminists often weighed heavily on emergent feminisms in postcolonial societies, and feminism took on new forms in response to those legacies. Course incorporates historiography, literary fiction, and film focused on the British and French empires. Not open to freshmen. *Satisfies non-Western history requirement for major/minor. Same as GST 352 and WMS 352.*

HIS 360 - Greek and Roman Warfare

1 semester, 3 Credits

A survey of the history of warfare from the Mycenaean Age to the fall of the Roman Empire with primary emphasis given to the social and political development of warfare as a cultural phenomenon. *Satisfies pre-1715 European history requirement for major/minor.*

HIS 364 - Panics and Depressions in US History, 1789

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Examines the political, legal, economic, social, and cultural impact of economic downturns in American history, from the nation's founding through the Great Recession of 2008. Employing the case study method, it explores the interaction of the public will ("democracy") and the regulatory establishment, with the markets, institutions, and instruments in finance-set in the context of financial crises.

HIS 366 - Corporations and Entrepreneurs in United States History

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Examines the transformation of American businesses from the small-firm world of the early national period to the multinational corporations of the 20th century. The course focuses on key entrepreneurs and businesses to highlight various legal, political, economic, and institutional factors inherent to the rise of the American business enterprise. *Satisfies pre- or post-1877 American history requirement for minor.*

HIS 367 - Marketing Campaigns in U.S. History, c.1850

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Examines how different industries, products, and companies employed their marketing campaigns to take advantage of opportunities, respond to internal and external challenges and threats, and adapt to the social and cultural environment of their times. Includes the historical context of changing needs and wants of consumers, as well as developments in advertising media and marketing approaches.

HIS 368 - Modern Japan

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

An in-depth exploration of the history of Japan from the mid-nineteenth century to the present day.

Topics include: the collapse of the Tokugawa shogunate, the Meiji Restoration and Japan's subsequent transformation into a modern-nation state, Japan's imperial expansion into East Asia, the Second World War, and Japan's postwar recovery and growth. Students become familiar with major debates in the field, significant primary sources, and secondary sources of the era. *Same as AST 368. Satisfies non-Western history requirement for major/minor.*

HIS 369 - Modern China

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

An in-depth exploration of the history of China from the mid-nineteenth century to the present day. Topics include: the late Qing dynasty, Western imperialism in China, the 1911 Revolution, the Second World War, the rise of the People's Republic, and the reform programs of the post-Mao era. Students will analyze the significant primary sources associated with pivotal moments in Chinese history and develop familiarity with the major issues in the field. *Same as AST 369. Satisfies non-Western history requirement for major/minor.*

HIS 375 - Food in U.S. History

1 semester, 3 Credits

Food is the subject of joy and fascination for studying American history. Course examines the complex history of food in the United States in many ways: as an item of national identity, an object of cultural resistance, a source of workers' efficiency, a means for political engagement, and a measure of economic prosperity or impoverishment. *Same as AMS 375.*

HIS 413 - History of Ireland

1 semester, 3 Credits

Survey of Irish history with emphasis on the Irish experience from the Rising of 1798 to the formation of an independent Irish state in the early 20th century. *Satisfies post-1715 European history requirement for major/minor.*

HIS 414 - Twentieth-Century Ireland

1 semester, 3 Credits

Studies the political, economic, social, and religious factors in the transformation of 20th-century Ireland since the Rising of 1916, including consideration of the problem of Northern Ireland. *Satisfies post-1715 European history requirement for major/minor.*

HIS 415 - History of Presidential Elections I

1 semester, 3 Credits

Examines the history of our electoral system in general and then considers each presidential election from Washington to the election of 1820, noting particularly the changes that have taken place from year to year. *Satisfies pre-1877 American history requirement for minor.*

HIS 416 - History of Presidential Elections II

1 semester, 3 Credits

Examines the history of our electoral system in general and then considers each presidential election

from 1820 to the present, noting particularly the changes that have taken place from year to year.

Satisfies pre- or post-1877 American history requirement for minor.

HIS 422 - History of Russia II

1 semester, 3 Credits

Examines the turbulent history of this vast Eurasian land from 1801 to the present. Among the events and people studied will be Tsars Alexander I and II, World War I, the Bolshevik Revolution, Stalin and World War II, the Cold War years of Khrushchev and Brezhnev, Gorbachev and the collapse of the Soviet Union, and post-Soviet Russia. *Satisfies post-1715 European history requirement for major/minor.*

HIS 423 - Europe from 1914 to 1945

1 semester, 3 Credits

This survey concentrates on Europe in the era of the two world wars. It includes an examination of the Versailles peace, the rise of Nazi Germany, the Great Depression, the Spanish Civil War, and the Holocaust. *Satisfies post-1715 European history requirement for major/minor.*

HIS 424 - Europe Since 1945

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

A survey of contemporary Europe which looks at post-war reconstruction of Western Europe, the Cold War, decolonization, and the collapse of communism, as well as intellectual and cultural developments since World War II. *Satisfies post-1715 European history requirement for major/minor.*

HIS 427 - Classical America

1 semester, 3 Credits

Traces the influence of Greece, Rome and the ancient Near East (Egypt, Mesopotamia) on the United States of America from colonial times to the present. Develops an appreciation for the profound influence of antiquity in such areas as history, government, art, architecture, and literature. No knowledge of Greek or Latin is required. *Same as CLA 427 and AMS 427.*

HIS 450 - Internship

1 semester, 3 Credits

HIS 460 - Tutorial

1 semester, 1-3 Credits

Open to History majors. Small groups of students have the opportunity to explore in depth an advanced topic in the field outside of the regular departmental offerings. Specific topic and meeting-time series are determined in consultation with faculty member and department chairperson. *Prerequisite: Permission of department chairperson.*

HIS 480 - Seminar in American History

1 semester, 3 Credits

Restricted to juniors and seniors.

HIS 481 - Seminar

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Fine Arts; Oral Communication

Restricted to juniors and seniors.

HIS 482 - Seminar

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II; Oral Communication

Restricted to juniors and seniors.

HIS 483 - Public History Seminar

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Oral Communication

Offers an in-depth, hands-on public history experience centered on a major collaborative project with a public presentation component. Students will deepen their working knowledge of public history through seminar readings and discussions, as well as by performing approximately 60 hours of on-site work at an archive, museum, historic building, or public history site. *Prerequisite: either HIS 205 or approval from the Department Chair.*

HIS 486 - Seminar: The West in the American Imagination

1 semester, 3 Credits

Studies the American West and its place in American culture and imagination, including the significance of the frontier in American history; cultural contacts and contracts; the impact of race, gender, and ethnicity on one's experience of the West; the economic and environmental history of the region; and some of the cultural icons that contribute to "imagining the West." *Same as AMS 481. Satisfies pre- or post-1877 American history requirement for minor.*

HIS 488 - Warriors in Japanese History

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Traces the figure of the warrior in Japanese history from ancient times to the twentieth century, with special emphasis on warriors' changing social and cultural roles. Topics include medieval war tales, the genesis of the "way of the warrior" in the early modern era, and the modern re-appropriation of the warrior as a masculine ideal. *Same as AST 488.*

HIS 490 - History Honors Thesis

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

The option of doing a history honors thesis is available to any senior history major with a minimum cumulative GPA of 3.55 in history. Working one-on-one with a faculty member from history, students research and write a minimum forty-fifty page thesis on an historical topic of their choice. The final product must demonstrate research in primary sources, historical interpretation, critical analysis, accurate scholarly documentation, and (ideally) make an original contribution to the field in question. *Proposals for the thesis are due by mid-May of the student's junior year. Offered fall semester only. Requires approval of the department.*

Humanities

HUM 250 - Humanities Practicum

1 semester, Variable (1-3) Credits

An exploration of a single practice in the humanities. Practicum size is typically limited to 15 students, and classroom-based study will be complemented by the practical application of learned skills. Example practices include calligraphy, dancing, shaped note singing, and stargazing. No previous experience is necessary. This course is repeatable.

HUM 275 - Humanities Reading Seminar

1 semester, 1 Credit

A close reading of a single text in the humanities (or small collection of closely related texts). Seminar size is typically limited to 15 students. Example texts include the poems of Hesiod, St. Augustine's Confessions, the Bhagavad Gita, W. E. B. Du Bois's *The Souls of Black Folk*, and Sigrid Undset's *Kristin Lavransdatter*. This course is repeatable.

Latin American Studies

LAS 460 - Tutorial in Latin American Studies

1 semester, 1-4 Credits

Open primarily to senior Latin American and Latina/o Studies minors. Small groups of students have the opportunity to explore in depth an advanced topic in the field outside of the regular program offerings. Specific topic and meeting-time series are determined in consultation with faculty member and Program Director. *Prerequisite: Permission of the Program Director.*

LAS 480 - Senior Capstone Seminar

1 semester, 3 Credits

Integrates theoretical and experiential knowledge gleaned from the LALS program's interdisciplinary approach and discusses topics pertaining to either Latinas/os (a U.S. orientation) or Latin America and Latin Americans (an American hemispheric concentration).

LAS 481 - Senior Capstone Project

1 semester, 3 Credits

Consists of theoretical or field interdisciplinary research conducted domestically on a Latina/o topic at Providence College or at an alternative U.S. site; or internationally on a theme related to or in Latin America and/or to Latin Americans.

LAS 495 - Independent Study

1 semester, 1-3 Credits

Open primarily to senior Latin American and Latina/o Studies minors. Provides the opportunity to explore advanced topics in the field outside of the regular program offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the Program Director. *Prerequisite: Permission of the Program Director.*

Law

LAW 201 - General Law

1 semester, 3 Credits

This course will examine the jurisdiction of federal and state courts, and the interplay of the courts, legislature and executive branch in the development of legal principles. The basic elements of civil procedure, contracts, property, torts, crimes and domestic relations will be discussed and supplemented by case analysis. This course is taught by attorneys engaged in the practice of law.

LAW 305 - Legal Studies: Topics in Civil Litigation

1 semester, 3 Credits

Examines legal issues that impact the daily lives of American citizens. By analyzing the relationship among social values, politics and the law, students will learn about the dynamic evolution of the framework for civil litigation, constitutional rights, and jurisprudential precedents. Substantive topics include free speech, right to privacy, the Internet, school law, employment law, and family law.

LAW 310 - Persuasive Writing in Law

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

This intensive writing seminar focuses on logical and succinct writing in a variety of legal and non-legal contexts. Students will review and revise all writings, which may include statutory analysis, advocacy letters, client correspondence, and contracts. Accompanying legal readings may include statutes, policies, factual scenarios, and current events.

Liberal Arts Honors

HON 101 - Development of Western Civilization: Ancient Civilizations

1 semester, 5 Credits

An interdisciplinary study of the history, literature, philosophy, theology, and art of the West from ancient Mesopotamia to the fall of the Roman Empire.

HON 102 - Development of Western Civilization: Middle Ages and Renaissance

1 semester, 5 Credits

An interdisciplinary study of the history, literature, philosophy, theology, art, and music of the West during the Middle Ages, Renaissance, Reformation, and early colonial encounters.

HON 201 - Development of Western Civilization: Emergence of the Modern Era

1 semester, 5 Credits

An interdisciplinary study of the history, literature, philosophy, theology, art, and music of the West from the Enlightenment through the 19th century.

HON 202 - Development of Western Civilization: The West and the World

1 semester, 5 Credits

An interdisciplinary study of the history, literature, philosophy, theology, art, and music of the West in a global context from the 20th century to the present.

HON 204 - Honors Writing

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing I

Designed to help students improve their writing skills and to gain greater control over the organization and expression of their ideas. Students will master the process of writing by completing a range of assignments, including analysis, comparison/contrast, and argumentation. Conducted as a workshop in which student's progress from questions of mechanics and structure to refinements of their own prose style.

HON 206 - Macro Economics

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

An honors version of ECN 102 Principles of Economics.

HON 207 - Micro Economics

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

An honors version of ECN 101 Principles of Economics.

HON 208 - Introduction to Sociology

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

An honors version of SOC 101 Introductory Sociology.

HON 209 - Politics

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Social Science

An honors version of PSC 101 Politics.

HON 210 - Topics in Science

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

A study of selected developments in the natural sciences and their interactions with other areas of thought.

HON 220 - The Dimensions of Art

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Fine Arts

Designed to explore the concepts, products, and processes of creativity in the arts.

HON 230 - Foundations of Theology

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

Historical and systematic study of theology: its relation to its sources, methods of theology, and chief theological systems. One or two prominent theologians will be studied in depth.

HON 290 - Cultural Studies

1 semester, 1 Credit

An elective for students participating in short-term travel abroad with the Honors Program. Requires substantial reading and research about important cultural and historical sites in the country or countries visited during the trip. *Pass/Fail basis only. Elective credit only; does not count toward any core or Honors Program requirement.*

HON 301 - Honors Studies in Philosophy

1 semester, 3 Credits

Electives for students in the honors program in which professors in the Department of Philosophy present courses in their areas of special competence.

HON 302 - Honors Studies in Ethics

1 semester, 3 Credits **Core Foundation/Proficiency:** Ethics

Electives for students in the honors program in which professors in the Department of Philosophy present courses in their areas of special competence.

HON 311 - Honors Studies in Theology

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

Electives for students in the honors program in which professors in the Department of Theology present courses in their areas of special competence.

HON 312 - The Church and Major World Religions

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Theology

A study of Christianity's understanding of its relation to other religions; the theological self-understanding of four major world religions (Judaism, Islam, Buddhism, and Hinduism) presented through their texts, histories, and forms of life; and the theological doctrines of these major world religions in dialog with Christian faith. *Same as THL 358. Prerequisite: Completion of THL Core I requirement.*

HON 480 - Honors Colloquium

1 semester, 3 Credits

Colloquium courses explore an interdisciplinary topic in depth. Topics vary each semester, and new topics are offered regularly. Normally taken during the junior or senior year, and students are free to take more than one colloquium (on different topics).

HON 481 - Honors Colloquium

1 semester, 3 Credits

Colloquium courses explore an interdisciplinary topic in depth. Topics vary each semester, and new topics are offered regularly. Normally taken during the junior or senior year, and students are free to take more than one colloquium (on different topics).

HON 490 - Independent Research

1 semester, 1-4 Credits

Open primarily to seniors in the Honors Program. The student is provided the opportunity to explore

advanced topics in the field outside of the regular program offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the Director of the Honors Program. (Students must take a 3 or 4-credit version of the course in order to fulfill an Honors course requirement.) *Prerequisite: Permission of the Program Director.*

Linguistics

LIN 201 - Introduction to Linguistics I

1 semester, 3 Credits

Introduces the fundamental concepts and principles of linguistics, and stimulates curiosity about the study of the human language, what it reveals about the human mind, and the human cultures it reflects. Topics include language diversity, language universals, morphology and how words are constructed and understood in different languages, phonetics and the relationship between speech and writing, syntax and the structure and function of phrases and sentences. May be taken independently of LIN 202, although the two courses together provide a survey of the field.

Management

MGT 101 - Principles of Business Management

1 semester, 3 Credits

Provides an overview of the many issues involved in the management of organizations. Emphasizes core management activities - in the context of planning, organizing, leading, and controlling - in the pursuit organizational goals.

MGT 301 - Organizational Behavior

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Examines how people behave both as individuals and as members of groups in organizational contexts. Topics include job attitudes and performance, motivation, group dynamics and team effectiveness, leadership, power and influence, decision-making, and cross-cultural diversity.

MGT 320 - Human Resource Management

1 semester, 3 Credits

Human resource management deals with the design of formal systems in an organization to ensure the effective and efficient use of human talent to accomplish organizational goals. Topics covered include job analysis, staffing, training and development, managing and appraising performance, compensation, pay and benefits, employee relations, and union-management relations. *Prerequisite: MGT 301.*

MGT 330 - Legal Environment for Business I

1 semester, 3 Credits

Designed to provide students with a fundamental study of American law as it impacts the modern business community. The American court structure, business ethics and decision-making, and constitutional law serve as a background throughout the course. Emphasis is also placed upon contracts, agency, torts/negligence, employment law, and corporations.

MGT 331 - Legal Environment for Business II

1 semester, 3 Credits

Designed for accountancy majors and deals with specialized areas of regulatory law. Subjects covered are sales, commercial paper, debtor and creditor, bankruptcy, and property. Business regulations, including securities, consumer protection, and employment are discussed. References to the Business Law sections of the C.P.A. exam are reviewed and analyzed. *Prerequisite: MGT 330.*

MGT 350 - Small Business Management

1 semester, 3 Credits

Emphasizes a practical approach to planning and operating a small business venture. Included are advantages and disadvantages of small business ownerships. Topics covered include the development of a business plan, functions of management, control, financing, record keeping, insurance, and legal forms of ownership. The methods of acquiring small firms also are discussed.

MGT 370 - Special Topics in Management

1 semester, 3 Credits

Provides in-depth study of a current or critical controversy or theoretical issue in management and organizations. Topics are drawn from current issues, events, debates, new research, or from other related areas of interest to Management majors.

MGT 376 - Management of Technology and Innovation

1 semester, 3 Credits

Addresses key issues related to management in technology-intensive settings. Topics include management of new product development, technology diffusion, competition in high-technology industries, proprietary vs. open technologies, and optimal organization structures for innovation. Real-world cases will highlight effective techniques for managing the complex dynamics involved in high-technology settings. *Prerequisites: ECN 101, HON 207, and MGT 301.*

MGT 401 - Organizational Theory

1 semester, 3 Credits

Organizational theory is concerned with people aggregated into departments and organizations, and with the structure and behavior at the organizational level of analysis. Topics covered include the external environment, goal and effectiveness, bureaucracy, technology, structures, change, information and control, power and politics, decision-making, and organizational leadership. *Prerequisite: MGT 101.*

MGT 411 - Leadership Development

1 semester, 3 Credits

Through understanding and relating leadership concepts, models, and theories to their experience, students will develop an understanding of leadership that is personally meaningful and that allows them to become more effective, authentic, and moral leaders. Students' leadership development will be further facilitated through inquiry into a personal leadership conundrum and identification and development of their values, beliefs, and leadership principles.

MGT 420 - Global Comparative Management

1 semester, 3 Credits

Provides a cultural, behavioral, and strategic focus on comparative management issues in a global setting. Intended to develop knowledge and skills needed to manage effectively in other cultural environments and/or to work effectively with people from other cultures. *Prerequisite: MGT 301.*

MGT 450 - Internship

1 semester, 3 Credits

Permits juniors and seniors to engage in outside internships for academic credit. The criteria are essentially based on academic and experiential components, which are supervised by a faculty member and a site supervisor. *Pass/fail basis only.*

MGT 489 - Capstone Seminar in Strategy

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Addresses a fundamental question facing the modern manager - in a competitive marketplace, how do firms achieve and sustain superior performance? Focuses on strategic decision-making at the corporate, business, and functional levels. Organizations are examined in their internal and external (industry) contexts for the purpose of developing and implementing strategies. *Prerequisites: ACC 203, 204, 110, 111; FIN 207, 217, 310; MGT 101, 301, 320, 401; and MKT 205.*

MGT 491 - Independent Study in Management

1 semester, 1-3 Credits

Open primarily to senior Management majors. The student is provided the opportunity to explore advanced topics in management outside of the regular departmental offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson.

Prerequisite: Permission of the department chairperson.

Marketing

MKT 205 - Principles of Marketing

1 semester, 3 Credits

Explores the basic principles, theories, problems, and practices in the ever changing marketing environment (social, economic, technological, legal, and ethical) and its impact on product, price, promotion, and distribution decisions in the domestic and global market. Emphasis is placed on the marketing functions, planning, and the distribution of goods and services from the producer to consumer.

MKT 292 - Bauhaus Design

1 semester, 3 Credits

When the Bauhaus opened in 1919 in the aftermath of a devastating world war, it envisioned a new kind of Artist who would be comfortable in a variety of media. This is the interactive experience of

being at the Bauhaus; each week will combine discussion of the history and personalities of the school with the creation of a Bauhaus inspired object. *Same as ART 292.*

MKT 310 - Personal Selling

1 semester, 3 Credits

Examines the role of the professional salesperson in business-to-business selling. The concept of solution-oriented, long-term, mutually-beneficial relationship-selling is explored and contrasted against transactional selling approaches. Important elements of the sales process are introduced including probing and understanding/identifying buyer needs, using technology tools to improve effectiveness and efficiency, negotiating win-win outcomes, closing and providing post-sale service. *Prerequisite: MKT 205.*

MKT 311 - Sales Management

1 semester, 3 Credits

Examines the role of the professional sales manager in business-to-business (B2B) selling. Applied within the context of long-term B2B relationships, the course examines how sales managers design sales territories, recruit, train and motivate salespeople, devise compensation programs, use technology, employ varying leadership strategies and evaluate salesperson performance. Timely and relevant ethical questions are addressed and explored. *Prerequisite: MKT 205.*

MKT 335 - Buyer Behavior

1 semester, 3 Credits

Designed to present an overall view of the way in which individuals, groups, or organizations acquire, consume, and dispose of marketing offerings in order to satisfy underlying needs. Using current theories ranging from economics to psychology, this course explores how factors such as motives, attitudes, memory, demographics, psychographics, and cultural and social influences affect buyer behavior. *Prerequisite: MKT 205.*

MKT 336 - Promotional Strategy

1 semester, 3 Credits

Studies promotion as integrated marketing communications (IMC), its role in modern marketing, and its influence on consumer decision making. IMC strategic planning combines the components of the promotional mix (advertising, public relations, direct marketing, sales promotion, personal selling, and Internet marketing) into a comprehensive program, sending an appropriate, consistent marketing message to target consumers. *Prerequisite: MKT 335.*

MKT 340 - Marketing on the Internet

1 semester, 3 Credits

Explores challenges that marketing managers face in developing effective strategies for new media applications (online advertising, social networking, blogs, websites, and search engines). Goals include: to understand and apply digital marketing tactics, to derive insights from data to formulate digital marketing decisions, and to create and implement a digital marketing strategy. *Prerequisite: MKT 205.*

MKT 344 - Sports Marketing

1 semester, 3 Credits

Helps the student develop an extensive understanding of the sports marketing industry. In particular, emphasis is placed on learning how sports-related organizations serve their multiple constituencies. Designed to help students understand: 1) markets in general; 2) the structure of the sports industry; and 3) sports products and the consumers of those products. *Prerequisite: MKT 205.*

MKT 404 - Advanced Advertising

1 semester, 3 Credits

Emphasizes current trends and issues in advertising. Special focus given to international advertising as well as analysis of actual advertising campaigns, creative strategy, and media buying. *Prerequisite: MKT 336.*

MKT 423 - Fashion Marketing

1 semester, 3 Credits

Offers students an opportunity to explore the field of fashion marketing, including an analysis of the industry from designing, manufacturing, and global sourcing to advertising, promotion, and retailing of fashion-related products. Due to the global nature of this field, the course includes extensive investigations of the international aspects of fashion marketing and licensing. *Prerequisite: MKT 205.*

MKT 426 - International Marketing

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

Introduces marketing approaches in the context of international markets. Due consideration is given to the analysis of the external environments (economic, political, legal, cultural, competitive, and natural) and their impact on the marketing strategy and planning. Students are involved in class lectures and discussions, and in development of an international marketing plan in a team setting. *Prerequisite: MKT 336.*

MKT 434 - Marketing Research

1 semester, 3 Credits

Studies research methodology and its application to the solution of marketing problems. Procedures and analytical tools are examined. *Prerequisites: MKT 205 and either FIN 217 or MTH 217.*

MKT 444 - Brand Marketing

1 semester, 3 Credits

Principles of strategic brand management to conceive and market brands will be examined, with an emphasis on specific tactical guidelines for planning, building, measuring, and managing brand equity and assessing a firm's brand portfolio. This is an advanced course aimed both at imparting a breadth of knowledge as well as a specialized depth of knowledge. *Prerequisite: MKT 336.*

MKT 450 - Internship

1 semester, 3 Credits

Allows students to engage in a minimum of 100 hours of professional work in a corporate or nonprofit

environment for academic credit. Internships will be supervised by a sponsoring faculty member.

Prerequisite: Permission of the instructor.

MKT 470 - Special Topics in Marketing

1 semester, 3 Credits

Open primarily to senior marketing majors, this course will permit students to effectively study and explore advanced topics in marketing. *Prerequisite: MKT 205.*

MKT 480 - Marketing Capstone

1 semester, 3 Credits

While studying strategic marketing, students will integrate four years of learning marketing into a cohesive body of marketing knowledge. Concepts of strategy, strategic management, and strategic planning will be explored in the context of marketing. *Prerequisites: ACC 110, 111, 203, 204, FIN 207, MGT 201, MKT 205, 335, 336, and 434.*

MKT 490 - Independent Study in Marketing

1 semester, 1-3 Credits

Open primarily to senior Marketing majors. The student is provided the opportunity to explore advanced topics in marketing outside of the regular departmental offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson. *Prerequisite: Permission of the chairperson.*

Mathematics

MTH 105 - Introduction to Mathematical Methods

1 semester, 3 Credits

Designed to introduce the student with a minimum math background to the problem-solving process within relevant mathematical areas. Topics will be selected from mathematical logic, the problem-solving process, probabilistic models, statistical inference, consumer mathematics, and basic computer programming.

MTH 107 - Mathematics for Business Analysis I

1 semester, 3 Credits **Core Foundation/Proficiency:** Quantitative

A basic introduction to the properties and applications of functions, linear systems, and probability for students in business and the social sciences. Topics include linear equations and inequalities, functions, graphs, solving systems of simultaneous linear equations, matrices, probability, mathematics of finance, and an introduction to differential calculus.

MTH 108 - Mathematics for Business Analysis II

1 semester, 3 Credits **Core Foundation/Proficiency:** Quantitative

A basic introduction to the properties and application of calculus for students in business and social sciences. Topics include differentiation, integration, and the logarithmic and exponential functions. *Not open to students with credit in MTH 109, MTH 110, MTH 131, MTH 132, or MTH 223.*

MTH 109 - Calculus I

1 semester, 3 Credits **Core Foundation/Proficiency:** Quantitative

An introduction to the basic theory of differential and integral calculus with applications in the biological and social sciences. This course introduces students to one-variable calculus and covers topics in limits and differentiation. The emphasis is on applications of calculus to problems in the biological and social sciences. *Not open to students with credit in MTH 108, MTH 110, MTH 131, MTH 132, or MTH 223.*

MTH 110 - Calculus II

1 semester, 3 Credits **Core Foundation/Proficiency:** Quantitative

A continuation of MTH 109. This course covers topics in integration in one-variable calculus and gives an introduction to the calculus of functions of two variables. *Not open to students with credit in MTH 132 or MTH 223.*

MTH 117 - Discrete Mathematics

1 semester, 3 Credits **Core Foundation/Proficiency:** Quantitative

Designed to introduce the student to the various discrete topics needed for the study of computer science. These topics include set theory, function theory, logic, proof theory, combinatorics, induction, recursion, the algorithmic process, algebraic structures, and graph theory.

MTH 131 - Calculus and Analytical Geometry I

1 semester, 4 Credits **Core Foundation/Proficiency:** Quantitative

Required for mathematics, engineering-physics-systems, and chemistry and biochemistry majors. Applications and underlying ideas of one-variable differential calculus of algebraic, exponential, logarithmic, and trigonometric functions. More theoretical approach than MTH 109. *Not open to students with credit in MTH 132 or MTH 223. This course will count as only 1 credit hour for students with credit in MTH 108 or MTH 109.*

MTH 132 - Calculus and Analytical Geometry II

1 semester, 4 Credits **Core Foundation/Proficiency:** Quantitative

Required for all mathematics, engineering-physics-systems, and chemistry and biochemistry majors. A continuation of MTH 131. The main topics are integration, sequences, and series, and applications of integration. *Not open to students with credit in MTH 223. This course will count as only 1 credit hour for students with credit in MTH 110.*

MTH 215 - Linear Algebra

1 semester, 3 Credits

A systematic study of the basic concepts of linear algebra. Topics include systems of linear equations, matrices, determinants, finite dimensional vector spaces, linear transformation, eigenvalues, eigenvectors, and diagonalization.

MTH 217 - Introduction to Statistics

1 semester, 3 Credits **Core Foundation/Proficiency:** Quantitative

An introductory course for the student interested in applications of statistical methods. Topics may include probability, sampling, estimation, hypothesis testing, variance analysis, correlation, regression, and non-parametric methods. *Not open to students with credit in MTH 218 or FIN 217.*

MTH 218 - Biostatistics

1 semester, 3 Credits

Course dedicated to application of methods of statistical inference to biological and health sciences. Emphasis given to one- and two-sample inference procedures about population parameters, analysis of variance, nonparametric statistics, correlation, and regression. *Not open to students with credit in MTH 217 or FIN 217. Prerequisites: MTH 109 or MTH 110 or MTH 131 or MTH 132.*

MTH 223 - Calculus and Analytical Geometry III

1 semester, 4 Credits

Required for all mathematics, engineering-physics-systems, and chemistry majors, and is recommended for biochemistry majors. A continuation of MTH 132. The main topic is multi-variable calculus. *Prerequisite: MTH 132.*

MTH 290 - Foundations of Higher Mathematics

1 semester, 3 Credits

Introduces proof-based arguments- the foundations of abstract mathematics. Topics include logic, set theory, relations, functions, and cardinality. Selected examples from analysis, algebra, number-theory and geometry will be used to demonstrate the rigorous deductive techniques that drive the development of mathematics. *Prerequisite: Two semesters of calculus or permission of chair/instructor.*

MTH 304 - Ordinary Differential Equations

1 semester, 3 Credits

Linear and nonlinear first-order ordinary differential equations and linear second-order differential equations will be studied. Higher-ordered equations may also be studied. Methods for solving equations include separation of variables, integrating factor, exactness, substitution, characteristic polynomial, series, and Laplace transform. Numerical methods may also be introduced. *Prerequisite: MTH 223.*

MTH 309 - Geometry

1 semester, 3 Credits

Introduces the deductive development of the subject of geometry. Topics include a review of the basic concepts encountered in Euclidian geometry and an historical development of non-Euclidian geometries. *Prerequisite: MTH 223, 215, or 290 or permission of chair/instructor.*

MTH 311 - History of Mathematics

1 semester, 3 Credits

An introduction to the history of mathematics, beginning with the origin of mathematics in the civilizations of antiquity and continuing through 17th century Europe. Topics include the development

of arithmetic, geometry, algebra and calculus. *Prerequisite: MTH 110 or 132 and MTH 290 or permission of chair/instructor.*

MTH 315 - Abstract Algebra I

1 semester, 3 Credits

Topics include: basic properties of groups, Cayley tables, finite and infinite groups, abelian and non-abelian groups, subgroups, cyclic groups, symmetric and dihedral groups, matrix groups, group isomorphisms, group homomorphisms, Lagrange's theorem, normal subgroups and factor groups, the First Isomorphism Theorem, and direct products. *Prerequisites: MTH 215 and 290.*

MTH 316 - Abstract Algebra II

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Topics include: properties of rings, integral domains, rings with non-zero characteristic, ring homeomorphisms, polynomial rings, ideals, principal ideal domains, prime and maximal ideals, factor rings, factoring polynomials, unique factorization domains, Euclidean domains, introduction to field extensions, and finite fields. *Prerequisite: MTH 315.*

MTH 317 - Number Theory

1 semester, 3 Credits

An introduction to classical number theory. Topics will include sums of squares, divisibility, congruences, properties of the primes, quadratic reciprocity, partitions and elementary cryptology. *Prerequisite: MTH 290 or permission of chair/instructor.*

MTH 318 - Topics in Applied Mathematics

1 semester, 3 Credits

Selected topics in applied mathematics: complex numbers, systems of linear equations, the major theorems from vector calculus, Fourier series, integral transforms and their application to partial differential equations. In-depth applications from the physical sciences will also be discussed. *Prerequisite: MTH 223.*

MTH 320 - Numerical Analysis

1 semester, 3 Credits

Numerical solutions to non-linear differential equations, systems of linear equations, and ordinary differential equations. Polynomial interpolation, curve fitting, numerical differentiation, and integration. *Same as CSC 440. Prerequisite: MTH 223 and MTH 215 or permission of chair/instructor.*

MTH 323 - Real Analysis I

1 semester, 3 Credits

Axioms for the real numbers, topology of the real numbers, Heine-Borel theorem, Bolzano-Weierstrass theorem, continuous and uniformly continuous functions, extreme and intermediate value theorems, differentiable functions, mean value theorem, and Taylor's theorem. *Prerequisite: MTH 110, MTH 132, or MTH 223 and MTH 290.*

MTH 324 - Real Analysis II

1 semester, 3 Credits

A continuation of MTH 323. Riemann integral, fundamental theorem of calculus, sequences and series of functions, topology of Euclidean space, differentiation and integration in Euclidean space, inverse function theorem. *Prerequisite: MTH 323.*

MTH 325 - Probability Theory and Mathematical Statistics I

1 semester, 3 Credits

An introduction to probability theory. Includes a discussion of probabilistic models, tools for counting sample points, and conditional probability. Random variables are introduced and various univariate probability distributions and their moments are discussed. Multivariate probability distributions, correlation, and distributions of functions of random variables are considered. *Prerequisite: MTH 223; MTH 290 recommended.*

MTH 326 - Probability Theory and Mathematical Statistics II

1 semester, 3 Credits

An introduction to mathematical statistics. Sampling distributions of sample mean and other statistics, methods of estimation, and properties of point estimators are discussed. Confidence interval estimation, hypothesis testing, analysis of variance, and simple linear models are introduced. In addition, several nonparametric methods are considered. *Prerequisite: MTH 325.*

MTH 330 - Complex Analysis

1 semester, 3 Credits

An introduction to the concepts, techniques, and applications of complex analysis. Topics include geometry of the complex numbers, differentiation, analytic functions, integration, series, residues, and conformal mappings. *Prerequisites: MTH 323 or permission of the chair/instructor.*

MTH 331 - Graph Theory

1 semester, 3 Credits

An introduction to the fundamental techniques and basic concepts of graph theory. Topics include enumeration, connectivity, colorings of graphs and graph labeling problems, traversability, planarity as well as applications and algorithms. *Prerequisite: MTH 117 or MTH 290 or permission of chair/instructor.*

MTH 370 - Special Topics in Mathematics

1 semester, 1-4 Credits

The study of a topic in mathematics which is not covered or not treated in-depth in other courses. The format of the course may vary depending on the instructor and the topic. *Prerequisite: Permission of chairperson or instructor.*

MTH 390 - Independent Study in Mathematics

1 semester, 1-3 Credits

An area of mathematics that is of interest to the student is pursued under the direction of a faculty member. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson. *Prerequisite: Permission of chairperson.*

MTH 395 - Research

1 semester, 3 Credits

The student has the opportunity to investigate in detail an area or topic in mathematics. Both the topic and instructor(s) should be selected by the student. *Prerequisite: Permission of the instructor(s) whose guidance is sought.*

MTH 409 - Introduction to General Topology

1 semester, 3 Credits

The Axiom of Choice and its equivalences, metric and topological spaces, compactness, connectedness, separation, continuous maps and their invariants, the structure of $C(X, \mathbb{R})$, the Stone-Cech Compactification, and the Stone-Weierstrass Approximation theorems. *Prerequisites: MTH 324 and permission of the instructor.*

MTH 450 - Internship

1 semester, 3 Credits

Prerequisite: Permission of chairperson required.

MTH 490 - Independent Study in Mathematics

1 semester, 1-3 Credits

An area of mathematics that is of interest to the student is pursued under the direction of a faculty member. This work will assume a prerequisite of a mathematics course at the 300 or higher level. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson. *Prerequisite: Permission of chairperson.*

MTH 491 - Independent Study in Mathematics

1 semester, 1-3 Credits

An area of mathematics that is of interest to the student is pursued under the direction of a faculty member. This work will assume a prerequisite of a mathematics course at the 300 or higher level. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson.

Prerequisite: Permission of chairperson.

Military Science

MIL 101 - Leadership and Personal Development with Lab

1 semester, 3 Credits

Introduces students to the personal challenges and competencies that are critical for effective leadership. Students learn how the personal development of life skills such as critical thinking, goal

setting, time management, stress management, and comprehensive fitness relate to leadership, officership, and the Army profession. The focus is on developing basic knowledge and comprehension of Army leadership dimensions.

MIL 102 - Introduction to Tactical Leadership with Lab

1 semester, 3 Credits

Overviews basic leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills. Students explore dimensions of leadership attributes and core leader competencies in the context of practical, hands-on, and interactive exercises. Faculty role models and the building of stronger relationships among the students are critical aspects of this course. *Prerequisite: MIL 101.*

MIL 201 - Foundations of Leadership I with Lab

1 semester, 3 Credits

Explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework (trait and behavior theories). Students practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. *Prerequisite: MIL 102.*

MIL 203 - Foundations of Leadership II with Lab

1 semester, 3 Credits

Highlights dimensions of operation orders, terrain analysis, and patrolling. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. Students develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills. *Prerequisite: MIL 201.*

MIL 301 - Adaptive Team Leadership with Lab

1 semester, 3 Credits

Students study, practice, and evaluate adaptive leadership skills as they are presented with scenarios related to squad tactical operations. Students receive specific feedback on their leadership attributes and actions. With the feedback, and own self evaluations, students develop their leadership and critical thinking abilities. The focus is developing students' tactical leadership abilities in preparation for ROTC's summer Cadet Leadership Course. *Prerequisite: MIL 203.*

MIL 302 - Applied Team Leadership with Lab

1 semester, 3 Credits

Apply team leadership challenges to build student awareness and skills in leading tactical operations at the small unit level. Students conduct military briefings and develop proficiency in the operation orders process. The focus is on exploring, evaluating, and developing skills in decision-making, persuading, and motivating team members. Students prepare to attend the ROTC summer Cadet Leadership Course. *Prerequisite: MIL 301.*

MIL 401 - Adaptive Leadership with Lab

1 semester, 3 Credits

Transitions the focus of student learning from being trained, mentored, and evaluated to learning how to train, mentor, and evaluate others. Students will attain knowledge and proficiency in several areas critical in their future roles as officers, including the Military Decision Making Process, training management, counseling, risk management, effective communication, ethical/moral decision making, and administrative systems within the Army. *Prerequisite: MIL 302.*

MIL 402 - Leadership in a Complex World with Lab

1 semester, 3 Credits

Explores the dynamics of leading soldiers and completes the transition from student to Army lieutenant. Significant emphasis is placed on preparing students to face the complex ethical and practical demands of leading soldiers in the U.S. Army using case studies and exercises. Additionally, students will develop a Battle Analysis and participate in a Staff Ride at a historic military site.

Prerequisite: MIL 401.

Music

MSC 101 - Basic Concepts of Music

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Intended for those students with little or no musical background. Students will be introduced to note reading, pitch, rhythm, scales, musical notation, and harmony. Musical form and style from the 17th to 20th centuries will also be addressed.

MSC 106 - Recital Attendance

1 semester, Pass/Fail

All music majors are expected to attend recitals and concerts offered by the music department. The music faculty will determine and designate the number of events to meet the expectations of the requirement.

MSC 150 - Piano I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 151 - Jazz Piano I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 152 - Organ I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 153 - Harpsichord

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 154 - Voice I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 155 - Violin I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 156 - Viola I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 157 - Cello I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 158 - String Bass I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 159 - Flute I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 160 - Oboe I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 161 - Clarinet I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 162 - Bassoon I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 163 - Saxophone I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 164 - Trumpet I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 165 - Trombone I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 166 - French Horn I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 167 - Baritone I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 168 - Tuba I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 169 - Percussion I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 170 - Classical Guitar I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 171 - Jazz Guitar I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 172 - Electric Guitar I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 173 - Electric Bass I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 175 - Composition I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 176 - Harp I

1 semester, 1/2 Credit

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 177 - Vocal Jazz I

1 semester, 1 1/2 Credits

This is a private lesson open to all interested students; instructors teach once a week on a one-to-one basis. This lesson does not count as a fifth course. There is an additional fee for this lesson. *Students must register in the music department.*

MSC 201 - Theory I

1 semester, 3 Credits

The study of the theory of music: triads, major, minor keys, scales, clefs, modes, intervals, fundamentals of harmony, basic concepts of form, melody, and rhythm. MSC 201L is required with this course. *Prerequisite: Permission of instructor. Previous background required (note reading and study of instrument or voice).*

MSC 201L - Theory I Lab

1 semester, 1 Credit

This is an aural skills program whereby students learn in systematic fashion to correlate sounds and musical notation. Aural awareness is built through a series of exercises that develop the ability to sing melody and rhythm at sight, and to notate them correctly. Recognition and notation of harmonic intervals and progressions are also developed.

MSC 202 - Theory II

1 semester, 3 Credits

Continuation of Theory I, this course deals in depth with the application of four-part harmonic writing,

analyzing musical excerpts, and the study and application of non-harmonic tones. MSC 202L is required with this course. *Prerequisite: MSC 201 or permission of instructor.*

MSC 202L - Theory II Lab

1 semester, 1 Credit

This ear-training program further develops sight-singing and dictation skills. This lab is required with MSC 202, Theory II.

MSC 206 - Piano Class I

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

An introductory course open to all non-music majors, as well as music majors who have had no previous piano training. This class will include the elements of music, fundamental skills of sight reading, piano technique, and keyboard harmony. Pieces assigned will provide experience with a wide range of piano literature – Baroque through the 20th century.

MSC 207 - Voice Class

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Designed for the student to begin the development of basic vocal technique through class ensemble and solo singing. Repertoire will be chosen from a broad spectrum of styles and periods.

MSC 208 - Lyric Diction for Singers

1 semester, 3 Credits

An introduction to the fundamentals of accurate and idiomatic pronunciation in the French, German, and Italian languages, with emphasis on classic lyric (sung) diction. Students learn to read and write in the International Phonetic Alphabet (IPA) and learn the process of analyzing and transcribing foreign pronunciation using the IPA.

MSC 210 - Music Appreciation

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Open to all non-music majors, this course has as its main objective the training of students in intelligent listening and seeks to acquaint them with a variety of musical works. Listening, selected readings, live performance, and discussion will form a part of the course.

MSC 224 - Women and Music

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Focuses on the music for and by women from the Middle Ages to the twenty-first century. The variety of music careers, including composing, performing, and teaching, will be addressed with an emphasis on women's involvement with contemporary popular music, such as pop, rock, jazz, and country. *Same as WMS 224.*

MSC 227 - History of Jazz

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

A study of the history of jazz from African music to contemporary trends and more popular forms.

Emphasis will be placed on styles and performers. Analytical listening will be required. *Same as AMS 227 and BLS 227.*

MSC 230 - Introduction to Music Education

1 semester, 3 Credits

This course for music education students examines the historical, general principles, and current trends of music education. Students are familiarized with the National Standards in the Arts as well as the Rhode Island Teachers Standards. Skills associated with multiculturalism, interdisciplinary formats, and technology in the classroom are addressed. Lessons are designed and presented, and classroom observations in the schools are required.

MSC 250 - Piano II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 251 - Jazz Piano II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 252 - Organ II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 253 - Harpsichord II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 254 - Voice II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen

instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 255 - Violin II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 256 - Viola II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 257 - Cello II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 258 - String Bass II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 259 - Flute II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 260 - Oboe II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen

instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 261 - Clarinet II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 262 - Bassoon II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 263 - Saxophone II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 264 - Trumpet II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 265 - Trombone II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 266 - French Horn II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 267 - Baritone II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 268 - Tuba II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 269 - Percussion II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 270 - Classical Guitar II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 271 - Jazz Guitar II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 272 - Electric Guitar II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen

instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 273 - Electric Bass II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 275 - Composition II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 276 - Harp II

1 semester, 1/2 Credit

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 277 - Vocal Jazz II

1 semester, 1 1/2 Credits

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the students chosen instrument. There is an additional fee for these lessons. Students must register in the music department. *Prerequisite: Permission of department.*

MSC 278 - Applied Lessons in Conducting II

1 semester, 1 1/2 Credits

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the student's chosen instrument. There is an additional fee for these lessons.

MSC 301 - Theory III

1 semester, 3 Credits

Theory III is a continuation of Theory II. Focuses on chromatic harmony: secondary function chords, mode mixing, Neapolitan chords, augmented sixth chords, and enharmonic spellings. Modulatory techniques are also studied. MSC 301L is required with this course. *Prerequisite: MSC 202 or equivalent.*

MSC 301L - Theory III Lab

1 semester, 1 Credit

A continuation of Theory II Lab, covers more advanced ear-training and sight-singing materials. These include more complicated rhythmic patterns, chromaticism, longer melodic phrases, and aural recognition of a variety of harmonic progressions. *This lab is required with MSC 301, Theory III.*

MSC 302 - Theory IV

1 semester, 3 Credits

A continuation of Theory III, focuses on analyses of formal structures, including binary and ternary forms, sonata-allegro form, variation techniques, rondo form, and 18th-century counterpoint in the form of inventions and fugues. Concludes with an overview of late 19th- and 20th-century compositional procedures. MSC 302L is required with this course. *Prerequisite: MSC 301 or equivalent.*

MSC 302L - Theory IV Lab

1 semester, 1 Credit

Builds upon what is covered in Theory III Lab and, in both the ear-training and sight-singing components of the course, covers more complicated rhythmic patterns, longer and more chromatic melodies, and four-part harmonic dictation. *This lab is required with MSC 302, Theory IV.*

MSC 303 - Composition

1 semester, 3 Credits

An introduction to the creative process of musical composition. Students are guided to create their own works and to solve various formal and stylistic problems. Orchestration, the creation of musical scores, arranging, and music technology are addressed. *Prerequisite: MSC 302 or permission of instructor.*

MSC 305 - Conducting

1 semester, 3 Credits

Covers the fundamentals of choral and instrumental conducting techniques and is designed for all students interested in conducting musical ensembles. Fundamentals include basic metrical patterns, articulation, compound/mixed meter, basic score study, dynamic shading, cues, entrances, cutoffs, and uses of the left hand. All students have the opportunity to conduct several times throughout the semester. *Prerequisite: MSC 202.*

MSC 306 - Piano Class II

1 semester, 3 Credits

Primarily designed for music majors preparing for Piano Proficiency. Students must have completed Piano Class I or higher to be eligible. Emphasis will be placed on developing sight-reading ability, strengthening the student's piano technique, improving musical styles and interpretation, and keyboard harmony. *Prerequisite: Permission of the instructor.*

MSC 310 - Music History and Literature I

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

An exploration of music history and literature in Western culture from antiquity through the Renaissance. Includes class work, readings from primary and secondary sources, score reading and listening assignments, which focus on representative composers and works from each period. Students are expected to understand, analyze, and identify various specific features related to musical styles. *Prerequisites: MSC 202 or permission of the instructor.*

MSC 311 - Music History and Literature II

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Through primary and secondary sources, this course explores the history and literature of music in Western culture from the Baroque and the Classical periods (1600-1800). Class work and listening assignments focus on representative works and composers from each period. Students will be expected to understand, analyze, and identify through listening exercises and score reading various musical features related to musical styles. *Prerequisites: MSC 202 or permission of the instructor.*

MSC 312 - Music History and Literature III

1 semester, 3 Credits

Through primary and secondary sources, this course explores the history and literature of music in Western culture from the Romantic and Modern periods (from 1800). Class work and listening assignments focus on representative works and composers from each period. Students will be expected to understand, analyze, and identify— through listening exercises and score reading— various features relating to musical styles. *Prerequisites: MSC 202 or permission of the instructor.*

MSC 320 - Music in World Cultures

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Study of world music wherein students investigate factors related to world musical practices. Students learn about methodologies culminating in a presentation of their research on music practiced locally.

MSC 330 - Teaching General Music in Elementary School

1 semester, 3 Credits

Designed to acquaint the music education student with a variety of instructional approaches, materials, and activities for the elementary general music program, based on a conceptual, developmental understanding of musical learning. Curriculum, classroom management, organization, and appropriate teaching strategies will be considered.

MSC 330L - Teaching General Music in Elementary School: Lab

1 semester, 1 Credit

This field experience is taken concurrently with MSC 330.

MSC 331 - Teaching Music, Secondary School: Vocal

1 semester, 3 Credits

Introduces the music education student to various pragmatic approaches to becoming an exemplary secondary music teacher. The student studies and demonstrates rehearsal techniques, score preparation, knowledge of repertoire, methods of selecting appropriate works, and group vocal techniques. Long-range planning, budget preparations, evaluations, concert planning, and public relations also are considered.

MSC 331L - Teaching Music, Secondary School: Vocal Lab

1 semester, 1 Credit

This field experience is taken concurrently with MSC 331.

MSC 332 - Teaching Music in Secondary School: Instrumental

1 semester, 3 Credits

This music education class covers techniques of teaching instrumental music primarily in the secondary school. Some middle school techniques will be included as well as strategies for secondary general music.

MSC 332L - Teaching Music, Secondary School: Instrumental Lab

1 semester, 1 Credit

This field experience is taken concurrently with MSC 332.

MSC 333 - Teaching Brass and Percussion

1 semester, 1 Credit

Covers the basic techniques of teaching and playing brass and percussion instruments. The following will be covered: fundamentals of tone production, fingering, teaching materials, pedagogy, and use of these instruments in bands, orchestras, and chamber music.

MSC 334 - Teaching Woodwinds

1 semester, 1 Credit

Covers the basic techniques of teaching and playing woodwind instruments. The following will be covered: fundamentals of tone production, fingering, teaching materials, pedagogy, and use of woodwind instruments in bands, orchestras, and chamber music.

MSC 335 - Teaching Strings

1 semester, 1 Credit

Covers the basic techniques of teaching and playing string instruments, including: fundamentals of tone production, fingering, teaching materials, pedagogy, and use of string instruments in orchestra and chamber music.

MSC 350 - Piano III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private

instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 351 - Jazz Piano III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 352 - Organ III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 353 - Harpsichord III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 354 - Voice III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 355 - Violin III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 356 - Viola III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for

the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 357 - Cello III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 358 - String Bass III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 359 - Flute III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 360 - Oboe III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 361 - Clarinet III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 362 - Bassoon III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for

the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 363 - Saxophone III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 364 - Trumpet III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 365 - Trombone III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 366 - French Horn III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 367 - Baritone III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 368 - Tuba III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for

the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 369 - Percussion III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 370 - Classical Guitar III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 371 - Jazz Guitar III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 372 - Electric Guitar III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 373 - Electric Bass III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 375 - Composition III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for

the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 376 - Harp III

1 semester, 1 1/2 Credit

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 377 - Vocal Jazz III

1 semester, 1 1/2 Credits

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. Students must register in the music department. *Prerequisites: Applied Music II and permission of department.*

MSC 378 - Applied Lessons in Conducting III

1 semester, 1 1/2 Credits

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons.

MSC 481 - Seminar in Music

1 semester, 3 Credits

Concentrates on a specific topic, announced in advance, and offers an intensive study of some major composers or important historical development in music. Research techniques are also emphasized. *Prerequisite: Permission of the instructor.*

MSC 491 - Independent Study

1 semester, 1-3 Credits

MSC 498 - Senior Recital/Project

1 semester, 1 Credit

Each music major is expected to complete either a senior recital or senior project during the senior year. This requirement is overseen by the department chairperson and a particular faculty advisor, and must be successfully completed for graduation as a music major.

MSC 499 - Student Teaching in Elementary and Secondary Schools

1 semester, 12 Credits **Core Foundation/Proficiency:** Oral Communication

Involves a semester of teaching music in elementary and secondary schools under the joint supervision of cooperating teachers and a College supervisor. Seminar meetings will be held weekly.

Natural Science

NSC 101 - Ten Great Experiments in the Physical Sciences

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

Covers major aspects of physics by the use of ten of the most important experiments that have been performed from antiquity through the twentieth century. The subjects covered are astronomy and cosmology, mechanics and dynamics, electromagnetism and light, structure of matter and quantum mechanics. Other subjects such as relativity theory, nuclear fission and fusion will be discussed as time permits.

NSC 102 - Cell Biology, Genetics, and Evolution

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science

Deals with principles of cell biology, genetics, and evolution at the molecular, cellular, and organismal levels. Wherever possible, the emphasis will be placed on human biology, and current developments in these areas will be examined. The emphasis on evolution as the unifying principle in all the biological sciences will be stressed throughout the course.

Philosophy

PHL 101 - Logic

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

An introduction to identifying, analyzing, and evaluating arguments. Topics may include: paraphrasing arguments, informal fallacies, and Aristotelian categorical logic. *Open to Freshman and Sophomores only.*

PHL 103 - Introduction to Philosophy

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

An introduction to the principal questions of philosophy. Topics may include: What is the nature of reality? What can we know? How ought we to live? What is the best political state? Do we have an immortal soul? *Open to Freshman and Sophomores only.*

PHL 150 - Philosophy and Literature

1 semester, 3 Credits

An examination, through primary texts, of the relationship between philosophy and literature. Topics may include: the nature of literature, philosophical approaches to fiction, literary criticisms of philosophy, and the necessity of literature in a philosophical life or of philosophy in a literary life. *Open to Freshman and Sophomores Only.*

PHL 200 - Introduction to the Philosophy of St. Thomas

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

Introduces the student to the basic principles and themes required for further study in Thomistic philosophy and theology. To meet this goal, the course will rely heavily on selections from St. Thomas' *Summa Contra Gentiles* and *Summa Theologica*, as well as other Thomistic writings. *Open to Sophomores, Juniors, and Seniors only.*

PHL 202 - General Ethics

1 semester, 3 Credits **Core Foundation/Proficiency:** Ethics

A study of happiness and of the means used by men and women to attain it. Law, morality, and virtue are studied as contributing to the growth of each person to one's full intellectual, moral, and spiritual stature.

PHL 206 - The Wisdom of Socrates

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

Seeks to achieve an understanding of the personality, spirit, and thought of the man who gave Western philosophy its distinctive character. An examination of how Socrates, by force of personality and argumentation, stirred and, in some cases, transformed the religious and political perceptions of his contemporaries. Examines the present contemporary relevance of the criticisms of Socrates. *Open to Sophomores, Juniors, and Seniors only.*

PHL 207 - Philosophy of the Human Person

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

An introduction to philosophical anthropology. Topics may include: the nature of persons, freedom and responsibility, immortality, and the relation of mind and body. *Open to Sophomores, Juniors, and Seniors only.*

PHL 300 - Ancient Philosophy

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy; Writing I

A study of Greek philosophy, from its beginnings through late forms that survived into the Christian era. Emphasis is placed on analysis and critical understanding of key philosophical problems which developed within Greek culture, and which are of permanent relevance. The foremost of these problems, and the focal motif of the course, is the question of what constitutes a genuinely good life for a human being. *Open to Sophomores, Juniors, and Seniors only.*

PHL 301 - Ethics, Moral Leadership, and the Common Good

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Ethics

A study of the philosophical foundations for an ethics of public service. The course will include the study of ethical principles as a foundation for moral life and moral decision-making; a study of moral leadership as a means for transforming society; and a reflection on the common good and the call to service. Course may include a practical experiential component. *Open to Sophomores, Juniors, and Seniors only.*

PHL 304 - Current Problems in Ethics

1 semester, 3 Credits **Core Foundation/Proficiency:** Ethics

The application of ethical principles to the areas of social work, business, law, medicine, and other fields of endeavor. *Open to Sophomores, Juniors, and Seniors only.*

PHL 306 - Business Ethics

1 semester, 3 Credits **Core Foundation/Proficiency:** Ethics

The focus is threefold: First, introduce students to the principles that are relevant for resolving moral problems and assist them in developing the reasoning and analytical skills needed to apply those principles. Second, expose students to the important moral issues that arise in various business contexts. Third, provide students with firsthand experience of morality in business situations through case studies and/or seminars with business leaders. *Open to Sophomores, Juniors, and Seniors only.*

PHL 309 - Biomedical Ethics

1 semester, 3 Credits **Core Foundation/Proficiency:** Ethics

An analysis of the ethical issues related to contemporary biomedical advances and health care delivery. Among the topics considered are: abortion, euthanasia, health care rationing, patients' rights, and dilemmas of health care professionals. *Open to Sophomores, Juniors, and Seniors only.*

PHL 310 - Medieval Philosophy

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

An examination of perennial philosophical issues, such as the existence of God, the process of human knowledge, the relation of intellect to the will, the source of values and meaning in creation, the problem of universals, etc., by drawing from philosophers of the medieval period. Sources include Augustine, Maimonides, Anselm, Averroes, Aquinas, Duns Scotus, and Ockham. *Open to Sophomores, Juniors, and Seniors only.*

PHL 312 - Thomistic Ethics

1 semester, 3 Credits **Core Foundation/Proficiency:** Ethics

An exploration of the philosophical elements of St. Thomas Aquinas's ethics through an extensive reading of his treatises on moral life and action. The course will also examine the enduring influence of the Thomistic ethics. *Open to Sophomores, Juniors, and Seniors only.*

PHL 315 - Symbolic Logic

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

A study of the development and fundamentals of contemporary symbolic logic. *Open to Sophomores, Juniors, and Seniors only.*

PHL 316 - Social and Political Philosophy

1 semester, 3 Credits

An historical and critical examination of the core institutions of our society — those within which all of us, including people in business and the professions, will act — and of the ideas that have shaped and continue to inform them. Examine such ideologies as liberalism, conservatism, communitarianism, feminism, and multiculturalism. Includes consideration both of the classics of Catholic political thought and of contemporary teachings by the pope and the Catholic bishops. *Open to Sophomores, Juniors, and Seniors only.*

PHL 317 - Philosophy of Religion

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

An analysis of the world religions and a metaphysical, psychological, and epistemological study of the religious phenomena. *Open to Sophomores, Juniors, and Seniors only.*

PHL 318 - Philosophy of Science

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing I; Philosophy

A systematic study of the principal philosophical problems raised by the natural sciences. *Open to Sophomores, Juniors, and Seniors only.*

PHL 319 - Philosophy of Knowledge

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

A study of classical and modern theories concerning the nature, origin, and validity of human knowledge. *Open to Sophomores, Juniors, and Seniors only.*

PHL 320 - Philosophy of Catholic Social Thought

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Philosophy

Analyzes and critiques the philosophy behind Catholicism's best kept secret: natural law theory, Thomistic-Aristotelian political theory, modern theories of capitalism and socialism, phenomenology, personalism, and liberation philosophy. Covers the philosophical influences that expand beyond doctrine to Catholic social thought that engages social, economic, and political issues from the tradition of Catholic philosophy. *Open to Sophomores, Juniors, and Seniors only. Requires work in the community for 2-3 hours per week on average.*

PHL 321 - American Philosophy

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

A critical study and analysis of the writings of outstanding American philosophers. *Same as AMS 331. Open to Sophomores, Juniors, and Seniors only.*

PHL 325 - Asian Philosophy

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

An introduction to several of the major philosophical traditions of Asia, including Buddhist philosophy, Vedanta, Taoism, Confucianism, and Zen. The course begins with a brief study of cross-cultural understanding. The emphasis falls upon analysis and critical understanding of philosophical problems within the Asian tradition — e.g. the nature of God, knowledge, and the human person. *Open to Sophomores, Juniors, and Seniors only.*

PHL 326 - Contemporary Women Philosophers

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

An in-depth investigation of selected women philosophers and their contributions to contemporary thought. The course may include the study of philosophers such as Elizabeth Anscombe, Simone de

Beauvoir, Simone Weil, Hannah Arendt, and Edith Stein. *Same as WMS 326. Open to Sophomores, Juniors, and Seniors only.*

PHL 330 - The Wisdom of Aquinas

1 semester, 3 Credits

The reading and discussion of selected texts from the works of St. Thomas Aquinas. *Open to Sophomores, Juniors, and Seniors only.*

PHL 335 - Brave New Philosophies: Political Philosophy Through Speculative Fiction

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy; Diversity

Provides opportunities to explain, analyze, and evaluate philosophical-political questions through speculative fiction (science-fiction, fantasy, and horror), and allows students to demonstrate how philosophical concepts help illuminate contemporary issues, such as questions of diversity, technology, and nature/environment. *Not open to freshmen.*

PHL 337 - Philosophy and Globalization

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Philosophy

Students will study the phenomenon entitled 'globalization' through readings and assignments that focus on its epistemological, metaphysical, and ethical import and challenges. Emphasizes the multiple ways of addressing globalization—i.e., it places students in dialogue with scholars from both the developed and developing worlds and with key texts in both the history of philosophy and contemporary Continental and Catholic thought. *Same as GST 337. Open to Sophomores, Juniors, and Seniors only.*

PHL 339 - Environmental Philosophy

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

A study of the relationship of human beings to the nonhuman world. Topics may include: mechanism, land rights, animal rights, deep ecology, stewardship, preservation, and conservation. Emphasis is placed on the interdisciplinary nature of environmental concerns. *Open to Sophomores, Juniors, and Seniors only.*

PHL 345 - Philosophy of Film

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

An examination of film as philosophical. Topics may include: the nature of film, realism, narrative, film as philosophical medium, film as socio-political expression, and film as critique.

PHL 347 - Philosophy of Language

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

An introduction to, and exploration of, some of the central themes and problems in contemporary Philosophy of Language, such as the concepts of meaning, truth, and representation, translation, interpretation, and rule-following, the meaning of statements about the unknown past and the possibility of skepticism about meaning. *Open to Sophomores, Juniors, and Seniors only.*

PHL 350 - Philosophy of History

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication; Philosophy

A critical study of the major philosophical issues involved in history and historiography. Ideas to be elucidated and analyzed typically include teleology, explanation, objectivity, description, causation, and agency. *Open to Sophomores, Juniors, and Seniors only.*

PHL 352 - Philosophy of Mind

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

Deals with questions of consciousness and how the mind interacts with the body and the outside world. Questions investigated include: What is human consciousness? Is our consciousness material in nature? Can consciousness be reproduced? Do other minds exist? Can we make free choices? *Open to Sophomores, Juniors, and Seniors only.*

PHL 360 - Early Modern Philosophy

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

A survey of major philosophical themes of the 17th and 18th centuries, through an investigation of the works of British empiricists, continental rationalists, and German idealists. Emphasizes the philosophical implications of the Scientific Revolution. *Open to Sophomores, Juniors, and Seniors only.*

PHL 380 - Late Modern Philosophy

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

A critical study through primary sources of the major philosophical themes from the 19th Century through the early 20th Century, which may include works from movements like Romanticism, Idealism, Materialism, Neo-Kantianism, and by authors like Fichte, Schelling, Hegel, Schopenhauer, Darwin, Comte, Mill, Stirner, Nietzsche, Kierkegaard, Windleband, Mach, and Dilthey. *Open to Sophomores, Juniors, and Seniors only.*

PHL 390 - The Wisdom of Plotinus

1 semester, 3 Credits

A critical investigation of the philosophy of Plotinus (A.D. 204-270) within the broader framework of Neoplatonism, the intellectual movement spanning the period between the third century, and the end of the Platonic Academy (c. 529).

PHL 406 - The Wisdom of Augustine

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

The Wisdom of Augustine encompasses a critical investigation of select themes and texts pertinent to the philosophy of St. Augustine of Hippo (A.D. 354-430), with a focus upon his general contribution to western thought. Uses Augustine's philosophical anthropology as a touchstone for exploring his intellectual maturation and his efforts to harmonize the resources of faith and reason in forging his theories of human nature and personhood. *Open to Juniors and Seniors only.*

PHL 407 - Philosophy of Art

1 semester, 3 Credits

A philosophical consideration of the nature of art and beauty, their relationship, and their functions in society. *Open to Juniors and Seniors only.*

PHL 412 - Contemporary Philosophy

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

A survey of the principal schools of 20th- and 21st-century philosophy from both the analytic and continental traditions. Central issues may include the nature and future of philosophical inquiry and the question of communication among rival intellectual and cultural traditions. *Open to Juniors and Seniors only.*

PHL 422 - Contemporary Existentialism

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

An analytical study of the main themes in current existentialist thought with emphasis on Sartre, Camus, and Marcel. *Open to Juniors and Seniors only.*

PHL 423 - Law and Morality

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

A study of the various kinds of law and the obligations they impose in the area of morality. *Open to Juniors and Seniors only.*

PHL 426 - Metaphysics

1 semester, 3 Credits

A study of being in its primary determinations, properties, classifications, and causes. *Open to Juniors and Seniors only.*

PHL 430 - Phenomenology

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

Students will encounter both the descriptive method and the Continental European philosophical tradition that bear the name "phenomenology." Begins with the foundation of phenomenology in the early 20th-century works of Edmund Husserl, then moves either chronologically or thematically from Husserl's works through other key texts in the tradition, highlighting those of Heidegger and Merleau-Ponty. *Open to Juniors and Seniors only.*

PHL 470 - Special Topics in Philosophy

1 semester, 3 Credits

Affords students the opportunity to study topics in philosophy which are not currently covered or not ordinarily treated in depth. The format of the course may vary with instructor and the topic chosen. *Open to Juniors and Seniors only.*

PHL 480 - Seminar

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II; Philosophy

A required course in special problems for all seniors majoring in philosophy. *Open to Senior Philosophy majors only.*

PHL 490 - Independent Study in Philosophy

1 semester, 1-3 Credits **Core Foundation/Proficiency:** Philosophy

Open primarily, but not exclusively, to senior Philosophy majors. The student is provided the opportunity to explore advanced topics in philosophy outside of the regular departmental offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson. *Prerequisite: Permission of the department chairperson.*

Political Science

Note: Not all of these courses are offered each semester. Students should check the latest course registration booklet for offerings and for changes in prerequisites.

PSC 101 - Politics

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Social Science

An introduction to the study of politics and the discipline of political science. Examines the fundamental normative ideas and debates about politics; basic principles behind political ideologies; the logic of the scientific method used in empirical political science; and, a review of the four political science subfields. *Open to Freshmen and Sophomores only.*

PSC 102 - Empirical Political Analysis

1 semester, 3 Credits **Core Foundation/Proficiency:** Quantitative

A survey of analytic approaches and methods used in empirical political science, with substantive illustrations and applications.

PSC 201 - American Government and Politics

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

An analysis of American political institutions, politics, and political behavior. The interrelated nature of public opinion, pressure groups, political parties, the decision-making structures, and public policy are surveyed. *Fulfills the American Politics requirement.*

PSC 205 - Comparative Politics

1 semester, 3 Credits

An introduction to several techniques and approaches used in cross-national comparative analysis. *Fulfills the Comparative Government and Politics requirement.*

PSC 207 - International Relations

1 semester, 3 Credits

A study of the basic factors in international relations of the Western and non-Western state systems,

the distribution of power, the balance of power, of nationalism, and the adjustment of inter-state conflict through law, diplomacy, and war. *Fulfills the International Relations requirement.*

PSC 211 - Public Administration

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

An introduction to the structure, operation, and politics of American public administration. Focuses on the federal bureaucracy with comparisons to state and local administration, where appropriate. Special attention is given to administrative theories, problems in intergovernmental relations, organizational reform, and the budgetary process. *Fulfills the American Politics requirement.*

PSC 215 - Human Rights

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Human rights are a universally recognized aspiration at the center of a global political struggle. Human Rights are also the subject matter of a growing academic discipline. Introduces the legal, political, moral and historical foundations, theoretical underpinnings, and key debates in the field, and familiarizes students with the skills necessary to become effective human rights advocates.

PSC 217 - Environmental Politics

1 semester, 3 Credits

Advanced survey of contemporary political ecology. Subjects include ecological crises and global political responses; the history of the environmental movement; the dynamics of public and private interest in environmental policy-making; the emergence of Green parties in Europe, the United States, Oceania, Africa, Asia, and Latin America; and the diversity of underlying philosophies that guide environmental politics.

PSC 300 - Law and Society

1 semester, 3 Credits

Deals with the American legal system from a behavioral perspective. Emphasis is placed on the analysis of the behavior of the major actors in the legal system: attorneys, judges, police, and press. Some attention will be given to schools of jurisprudence and criminal justice policy. *Fulfills the American Politics requirement.*

PSC 302 - Research Methods

1 semester, 3 Credits

An in-depth survey of the logic and use of quantitative and qualitative methods in empirical political inquiry and analysis. Covers philosophical foundations, conceptual approaches, and practical techniques for analyzing a wide variety of political phenomena. Prepares students to undertake substantial independent research on a topic of their choice. *Open to Political Science majors, generally in their third year. Prerequisite: PSC 101.*

PSC 303 - Urban Politics in the United States

1 semester, 3 Credits

A survey of city politics in the United States from a variety of theoretical perspectives, using

analytical concepts such as social class, pluralism, political economy, and urban regimes. Includes urban elections and party machines, metropolitan development and suburbanization, and racial and ethnic political mobilization. *Fulfills the American Politics requirement. Same as BLS 303.*

PSC 305 - The American Congress

1 semester, 3 Credits

An analysis of the dynamics of the United States Congress. Included will be a consideration of the constituency relationship, internal procedures, and the congressional role in the policy process. *Fulfills the American Politics requirement.*

PSC 306 - The American Presidency

1 semester, 3 Credits

An analysis of the contemporary presidency and its relationship to the American political system. Presidential power and roles are examined in terms of constitutional, institutional, personal, and contextual factors. Attention is given to evaluations and interpretations of the office, to presidential elections, and to the nature of presidential activity in domestic and foreign policy making. *Fulfills the American Politics requirement.*

PSC 307 - The American Supreme Court

1 semester, 3 Credits

An examination of the history of the American Supreme Court, the judicial decision-making process, and theories of constitutional interpretation, with an emphasis on the current docket. Follows events as they unfold before the Court, including nominations and confirmation hearings. Reviews prior jurisprudence and historical context, while considering all sides of the legal and political issues, for each case covered.

PSC 310 - American Foreign Policy

1 semester, 3 Credits

The larger foreign policy problems confronting the United States today, considered in the light of American values, historic patterns, and the current world situation. *Fulfills the American Politics requirement. Same as AMS 310.*

PSC 311 - American Constitutional Law

1 semester, 3 Credits

An introduction to the American legal system and the development and evolution of the United States Constitution through judicial interpretation. Emphasis will be placed on courts as political institutions directly involved in the development of public policy. Areas covered include judicial review, federalism, separation of powers, and economic policy. *Fulfills the American Politics requirement.*

PSC 312 - Civil Liberties

1 semester, 3 Credits

A survey of the rights of the individual in the American political system as they have evolved and been

defined by the judiciary. Particular emphasis will be placed on freedom of thought and communication, criminal procedure, and the quest for equality. *Fulfills the American Politics requirement.*

PSC 315 - Elections and Electoral Behavior

1 semester, 3 Credits

This course is concerned with the behavior of the American electorate. It examines in detail the factors that contribute to individual voting behavior and the outcomes of elections. Special attention is given to electoral change. *Fulfills the American Politics requirement. Prerequisites: PSC 201.*

PSC 316 - Political Parties and Interest Groups

1 semester, 3 Credits

A consideration of the two primary forms of political organization in the United States. The emphasis will be on understanding the formation and organization of parties and interest groups and their activities related to decision-making in government. *Fulfills the American Politics requirement. Prerequisite: PSC 201.*

PSC 317 - Comparative State Politics

1 semester, 3 Credits

An introduction to state government and politics in the United States. States will be compared, individually and in groups, along such dimensions as electoral participation, executive leadership, legislative activity, and policy outputs. *Fulfills the American Politics requirement.*

PSC 318 - American Public Policy

1 semester, 3 Credits

Introduction to the analysis of American public policies. Describes current public policy in a number of domestic policy areas. Emphasis is placed on examining alternative explanatory models for a more intelligent understanding of public policy. The roles of public administrators in the formulation, analysis, implementation, and evaluation of public policies are discussed. *Fulfills the American Politics requirement.*

PSC 319 - Political Attitudes and Public Opinion

1 semester, 3 Credits

An analysis of the sources and distribution of public opinion in the United States. Attention will be given to relationships between social background, personality characteristics, and opinions on political issues. Additionally, linkages between public opinion and public policy will be considered. *Fulfills the American Politics requirement. Prerequisite: PSC 201.*

PSC 320 - Comparative Asian Government and Politics

1 semester, 3 Credits

Uses a comparative approach to examine the political systems of various Asian nations including China, Japan, the Koreas, and Indonesia. Special attention will be given to the impact of culture on politics and the political institutions and the politics of Asian economic development. *Fulfills the Comparative Government and Politics requirement. Same as AST 320.*

PSC 321 - Chinese Politics

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

Examines politics in the People's Republic of China. Topics include, for example, politics and social structure prior to 1949, the Communist Party and Cultural Revolution, state society relations, ideology and religion, elite politics, grass roots mobilization, domestic and international consequences of market reforms, popular protest, and prospects for political liberalization. *Same as AST 321.*

PSC 324 - Government and Politics of Russia and the Former Soviet Union

1 semester, 3 Credits

An analysis of the political systems of Russia and other nations of the former Soviet Union, with emphasis on historical continuity and change, ideology, the authoritarian model, functionalism, modernization, and policy decision-making processes. *Fulfills the Comparative Government and Politics requirement.*

PSC 325 - Comparative Revolutions

1 semester, 3 Credits

Surveys concepts and theories of revolution. Generalizations derived from studies of the great Western revolutions in England, France, and Russia will be re-examined in the light of recent experiences in China, Vietnam, Cuba, or Iran. *Fulfills the Comparative Government and Politics requirement. Same as AST 325.*

PSC 329 - Middle Eastern Politics

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

A comparative introduction to the complex politics of the Middle East. Examines the contemporary relevance of Islamic movements, Zionism, and secularist ideologies and parties; evaluates the progress of "democratization"; considers the politics of social and economic development, oil production, and international petroleum markets; and explores in greater depth the domestic political systems of selected Middle Eastern countries. *Fulfills the Comparative Government and Politics requirement.*

PSC 333 - European Politics

1 semester, 3 Credits

This comparative survey analyzes "Europe" both as a collection of highly distinctive countries and as the geographical site of a remarkable political experiment: the European Union. The course reviews government practices in several European countries, analyzes European political integration, and considers U.S. political institutions and processes in a broader perspective. *Fulfills the Comparative Government and Politics requirement.*

PSC 334 - African Politics

1 semester, 3 Credits

Analysis of government and politics in selected African countries, focusing on issues of economic liberalization, democratization and good governance, ethnicity, class, gender, youth, conflicts, and civil wars. Emphasis on evolving state-society and civil-society relations within the context of new political

structures and democratic institutions. *Fulfills the Comparative Government and Politics requirement. Same as BLS 334.*

PSC 336 - Latin American Politics

1 semester, 3 Credits

The study of government and politics in the context of development and underdevelopment in Latin America, including an analysis of international actors, especially the role of the United States policy in the region. *Fulfills the Comparative Government and Politics requirement.*

PSC 341 - Classical Political Theory

1 semester, 3 Credits

A study of ancient Greek, medieval Christian, and early modern political theory, with emphasis on Plato's *Republic*. *Fulfills the Political Theory requirement.*

PSC 342 - Modern Political Theory

1 semester, 3 Credits **Core Foundation/Proficiency:** Philosophy

A study of modern political theory, with emphasis on Hobbes, Locke, Rousseau, and Marx. *Fulfills the Political Theory requirement. Open to sophomores, juniors, and seniors only; not open to freshman.*

PSC 343 - Contemporary Political Theory

1 semester, 3 Credits

An in-depth study of some of the leading political theorists of the 19th and 20th centuries, such as Marx, Nietzsche, Foucault, and recent feminists. Emphasis may vary. *Fulfills the Political Theory requirement.*

PSC 344 - Democratic Theory

1 semester, 3 Credits

Examines how the ancient Greeks first posed certain problems of democratic political theory and then compares the ancient treatment with that of some modern and/or contemporary theorists who deal with the same questions. Emphasis may vary. *Fulfills the Political Theory requirement.*

PSC 348 - American Political Theory

1 semester, 3 Credits

A study of the development of American political thought: the Colonial period, the Revolution, the evolution of the Constitution, Jeffersonian democracy, the slavery controversy, the nature of the Union, and political currents since the Civil War. *Fulfills the Political Theory requirement.*

PSC 361 - International Politics of the Middle East

1 semester, 3 Credits

Addresses contemporary international conflicts and cooperation in the Middle East, including inter-Arab relations, the Arab-Israeli conflict, the Persian-Arab conflict, war and diplomacy in the Persian Gulf (especially Iraq and Iran), East-West politics in Turkey, and the role of outside powers such as the

United States, Russia, China, and the European Union. *Fulfills the International Relations requirement. Prerequisite: PSC 207.*

PSC 369 - International Law and Organization

1 semester, 3 Credits

Examines major procedural and substantive aspects of international law, emphasizing the interaction between law and politics. Topics include the role and politics of the United Nations, the evolution of regional federations, and treaties or regulatory regimes that govern international economic, environmental, human rights, humanitarian, and security relations. *Fulfills the International Relations requirement. Prerequisite: PSC 207.*

PSC 375 - International Conflict Resolution

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

War and peace, and the factors that influence both, comprise the core of international relations. Students will gain an understanding of major theories explaining international conflict and will consider a variety of approaches for seeking peace, including negotiation, mediation, and reconciliation. Examines how power and diverse identities affect political violence, peacemaking, and post-conflict peace building. *Prerequisite: PSC 207.*

PSC 380 - Gender and Politics

1 semester, 3 Credits

A study of the political significance of the treatment, roles, and status of women, with emphasis on the United States. Examination of the meaning of gender, sexism, and feminism. *Same as WMS 380.*

PSC 382 - Politics of Visual Culture

1 semester, 3 Credits

An examination of the relationship between politics and the arts. Emphasis may vary between literature and visual art, and between high culture and popular culture.

PSC 384 - The Politics of the 1960s in America

1 semester, 4 Credits

Covers the major political events of the 1960s in the United States and the American War in Vietnam. Focuses on the Civil Rights Movement and Black Power movement, the American War in Vietnam, the domestic Anti-War Movement, the Counter-Culture, and the beginnings of Second Wave feminism and the Gay Liberation movement. Uses the study of the 1960s as a bridge for understanding the present.

PSC 416 - Race and Politics in the Americas

1 semester, 3 Credits

Advanced, in-depth survey of racial politics in North America, the Caribbean, Central America, and South America. Considers analytical perspectives such as post colonialism, pan-Africanism, negritude, indigenismo, critical race theory, racial patriarchy, and the "racial contract." Examines the politics of

Indigenous, African-descent, Latino, and Asian and Pacific Islander communities. *Fulfills either the American Politics or the Comparative Government and Politics requirement. Same as BLS 416.*

PSC 419 - Policy Analysis and Advocacy

1 semester, 3 Credits

A hands-on introduction to policy analysis at the state and local levels. After learning about the role of research and analysis in the policymaking process, students work in groups on a research project of contemporary relevance to Rhode Island policymakers. Students formally present their research and advocate for their preferred policy outcomes as a part of the class.

PSC 421 - Political Thought in Science Fiction

1 semester, 3 Credits

Explores political messages inherent in science fiction literature and film, using philosophical perspectives drawn from Western and non-Western political theory. Students learn to recognize explicit and implicit political values imparted by authors of fiction, for a better understanding of both politics and culture.

PSC 425 - Mass Media and Politics

1 semester, 3 Credits

Deals with the influence of mass media on politics. The political content of entertainment and news programming in both electronic and print media will be analyzed. Attention will be given to determinants of political messages in mass media and the consequences of those messages for political behavior. *Fulfills the American Politics requirement.*

PSC 430 - International Political Economy

1 semester, 3 Credits

Examines origins and evolution of the contemporary global economy, emphasizing interdependence and competition among developed countries, increasing globalization and the backlash against it, and the widening gap between the developed and underdeveloped countries. Focus on foreign debt and financial crises, regional trade arrangements, multinational corporations, global production, and the search for sustainable development in the South. *Fulfills the International Relations requirement. Prerequisite: PSC 207.*

PSC 450 - Political Science Internship

1 semester, 3 Credits

Offers credit to students participating in internships in government, political, and nonprofit public service organizations. Specific academic assignments are included as designated by the instructor. *Prerequisites: PSC 101 and 102.*

PSC 456 - Model Organization of American States

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Focuses on diplomacy and international organizations in the Americas. Seeks to develop public speaking, negotiation, and critical thinking skills as delegates debate resolutions in a simulated

summit in Washington, DC. Covers the structure of the Inter-American system and the Organization of American States, power relations among Latin American states, and the impact of the OAS on democracy, security, development, and cooperation.

PSC 470 - Special Topics in Political Science

1 semester, 3 Credits

Analysis of special topics of contemporary interest to political science students and faculty. Offered at the discretion of the political science chairperson. Topics may involve experimentation with new course ideas or allow faculty to bring current research ideas to the classroom. Exact content varies. *Prerequisites vary.*

PSC 481 - Seminar on Comparative Politics

1 semester, 3 Credits

Open, with the consent of the instructor, to juniors and seniors.

PSC 484 - Seminar on Latin America

1 semester, 3 Credits

Open, with the consent of the instructor, to juniors and seniors.

PSC 485 - Seminar on American Politics

1 semester, 3 Credits

Open, with the consent of the instructor, to juniors and seniors.

PSC 488 - Capstone Seminar in Political Science

1 semester, 3 Credits

Subject varies depending upon the faculty member teaching the course. Every seminar emphasizes extensive student writing. Students critically review concepts, theories, approaches, and methodologies, then employ these to complete a substantial research project involving original research, critical review of the literature, a substantial piece of written research and an oral presentation. *Prerequisite: Completion of seven political science courses.*

PSC 489 - Capstone Seminar in Political Science

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Subject varies depending upon the faculty member teaching the course. Every seminar emphasizes extensive student writing. Students critically review concepts, theories, approaches, and methodologies, then employ these to complete a substantial research project involving original research, critical review of the literature, a substantial piece of written research and an oral presentation. *Prerequisite: Completion of seven political science courses.*

PSC 490 - Independent Study

1 semester, 3 Credits

Students propose an original research project or community service activity, which is supervised by a faculty member. Readings are assigned to integrate the independent activity with the discipline. A

major paper is typically assigned as a frame for the research or activity. Students may count this course only once toward their major or minor requirements. *Prerequisite: Department chairperson permission. For juniors and seniors only.*

PSC 498 - Honors Thesis I

1 semester, 3 Credits

First part of two semesters of directed research and the submission of the results in written form to the department. *Prerequisite: Seniors only. Departmental approval required.*

PSC 499 - Honors Thesis II

1 semester, 3 Credits

Second part of two semesters of directed research and the submission of the results in written form to the department. *Prerequisite: Seniors only. Departmental approval required.*

Psychology

PSY 100 - Introduction to Psychology

1 semester, 3 Credits **Core Foundation/Proficiency: Social Science**

A survey of the principal methods and findings of the scientific psychology in a variety of areas, including biological bases of behavior, sensation and perception, learning, motivation, emotion, cognitive processes, personality, abnormal psychology, and social psychology.

PSY 201 - Research Design & Statistical Analysis I

1 semester, 4 Credits

Introduces basic principles of scientific inquiry followed by intensive development of techniques for conducting, analyzing, interpreting, and reporting psychological research. Experimental and non-experimental methodologies are reviewed, with emphasis on the selection of appropriate designs for different research questions, descriptive statistics, correlation, and linear regression. Math competency expected. *Prerequisites: PSY 100 or permission of the instructor. MTH 107 or higher is recommended.*

PSY 202 - Research Design & Statistical Analysis II

1 semester, 4 Credits **Core Foundation/Proficiency: Quantitative**

Continuation of PSY 201 with a focus on more advanced principles of design and analysis. Inferential statistical procedures including parametric and nonparametric techniques will be reviewed, with emphasis on the selection of appropriate analyses for different research designs. Students will also be exposed to computer-based data analytic procedures. *Prerequisites: PSY 201 and permission of the instructor.*

PSY 303 - Animal Learning and Cognition

1 semester, 3 Credits

A critical survey of the methods and findings in classical conditioning, operant conditioning, and animal cognition. Discussion of both historically important and contemporary literature in learning will be expected of students. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 305 - Psychology of Gender

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

A critical survey of current views in the psychological study of gender. Factors related to gender development as well as issues of particular relevance to the influence of gender on behavior (achievement, materialism, marital roles, etc.) will be discussed. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 306 - Child and Adolescent Development

1 semester, 3 Credits

A survey of human psychological growth and development from conception through adolescence, including biological, physical, cognitive, and social transitions. Mechanisms of change, influences on development, and the contexts in which development occurs will also be reviewed, drawing on current theory and empirical research. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 314 - Psychology of Aging

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Aging is accompanied by psychological, cognitive/neuropsychological, biological/physical, social, and family changes. This course surveys age-associated changes from a psychological perspective, scientific methods for studying aging, interventions to enhance healthy or normal aging, and pathological changes associated with older age, such as dementia, chronic illness and disability, and mental health issues. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 315 - Human Neuropsychology

1 semester, 3 Credits

Surveys neuropsychology, functional neuroanatomy, and brain-behavior relationships. The effects of brain damage on cognitive, personality, and psychosocial functioning will be discussed as well as descriptions of the most common neuropathological and neurobehavioral syndromes (e.g., traumatic brain injury, aphasia, cerebrovascular accidents [strokes], dementia, etc.). *Prerequisite: PSY 100 or permission of the instructor.*

PSY 316 - Cognitive Psychology

1 semester, 3 Credits

The study of human cognition, its basic concepts, methods of inquiry, and major findings integrates important theories, major topics, and research methods in cognitive psychology including pattern recognition, perception and information processing, attention, short- and long-term memory processes and organization, and decision-making. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 317 - Social Psychology

1 semester, 3 Credits

A survey of the influence of others on the thoughts, attitudes, and behavior of the individual. Social issues such as aggression, discrimination, persuasion techniques and marketing, and pro-social behavior are examined in the framework of classical and current research and theories of social

cognition, person perception, attitude formation and change, and group processes. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 318 - Cultural Psychology

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

A survey of cross-cultural psychology focusing on how culture affects various psychological domains, including personality, motivation, cognition, and close relationships. This course takes an interdisciplinary approach by discussing theories and research in other fields, such as anthropology and communication, to provide a more thorough understanding of the influence of culture on human behavior. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 321 - Industrial/Organizational Psychology

1 semester, 3 Credits **Core Foundation/Proficiency:** (Social Science Core)

Major applications of psychological principles to work settings, including personnel selection, training and assessment, employee morale, job satisfaction, and motivation. Explores the relationship to job design, work conditions, organizational structure, leadership, and communication to employee and management performance. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 323 - Personality

1 semester, 3 Credits

A critical survey of the basic approaches to personality in the light of theory, assessment, research, and change. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 324 - Psychology of Abnormal Behavior

1 semester, 3 Credits

A survey of the major forms of abnormal behavior, including a description of the disorders, theoretical explanations of their origins, assessment, and treatment procedures. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 325 - Health Psychology

1 semester, 3 Credits

Explores the role of psychological variables in health and illness. Research and theory relating psychological and behavioral factors to the development, progression, and treatment of diseases, such as coronary heart disease, cancer, and HIV will be critically reviewed. Stress, obesity, pain management, compliance, coping, psychoneuroimmunology, and health promotion/disease prevention will be discussed. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 326 - Biopsychology

1 semester, 3 Credits

Study of behavior in the context of genetics, evolution, and physiology. Includes the biology of the nervous system. Its purpose is to contribute to understanding how a biological entity can give rise to seemingly non-material processes such as thought, perception, and mood. The goal is to better

understand the intersection of biology and psychology. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 330 - Psychological Testing and Assessment

1 semester, 3 Credits

An introduction to the principles of test construction, administration, and interpretation. The techniques of assessing test reliability and validity are developed in the context of a survey of the major instruments used to measure intelligence, aptitude, achievement, and personality. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 335 - Psychology and Law

1 semester, 3 Credits

Surveys the scientific knowledge of psychological concepts, methods, and results as they pertain to law and legal matters. Topics include the causes of criminal behavior, jury selection and decision-making, competence, civil commitment, eyewitness testimony, polygraph use, and the insanity plea. *Prerequisite: PSY 100 or permission of the instructor.*

PSY 350 - Psychology Internship

1 semester, 3 Credits

Involves students in psychology applications or research at off-campus sites. Students select from a list of approved sites or develop placement in conjunction with the instructor. Involves 8-10 hours/week at off-campus site, a written journal, paper, and periodic meetings during the semester. *Prerequisites: PSY 100 and sophomore or junior status. Permission of the instructor required. Psychology majors only.*

PSY 395 - Research in Psychology

1 semester, 1-3 Credits (Variable)

Students work as an assistant in a faculty member's laboratory, conducting psychological research. Involves 3-4 hours per week per credit hour and periodic meetings during the semester. Must be taken on a pass/fail basis. May be repeated for credit. The three-credit option may be applied to the psychology major once. *Prerequisites: PSY 100 and permission of the instructor.*

PSY 402 - Research in Animal Learning and Cognition

1 semester, 4 Credits

Principles of behavior control developed within the framework of operant conditioning are the basis for investigating acquisition and maintenance of behavior. Individual laboratory participation will integrate procedures of experimental control, laboratory technique, and basic instrumentation with existing bodies of knowledge concerning animal behavior. *Prerequisites: PSY 202 and 303 or permission of the instructor.*

PSY 405 - Research in Neuropsychology

1 semester, 4 Credits

Introduces students to empirical methods used in human neuropsychology. Particular emphasis

placed on how cognitive, neurobehavioral, and psychosocial data are gathered for research purposes with both normal and neuropathological populations. The laboratory emphasizes the development and application of research skills. *Prerequisites: PSY 202 and PSY 315, or permission of the instructor.*

PSY 406 - Experimental Developmental Psychology

1 semester, 4 Credits **Core Foundation/Proficiency:** Writing II

Intensive study of psychological processes in children and adolescents. Developmental research methods are emphasized with special attention to modifications for use with children. Laboratory involves all aspects of the research process, including hypothesis creation, data collection, analysis, interpretation, and presentation. *Prerequisites: PSY 202 and PSY 306 or PSY 312, or permission of the instructor.*

PSY 407 - Experimental Social Psychology

1 semester, 4 Credits **Core Foundation/Proficiency:** Writing II; Oral Communication

Examination of the classic and contemporary literature in social psychology, with an emphasis on both research methodology and social psychology content. Discusses current theories of social psychology as well as research design, statistical inference, and ethical considerations in research. Laboratory stresses gathering, analysis, interpretation, and reporting of data related to social processes. *Prerequisites: PSY 202 and PSY 317, or permission of the instructor.*

PSY 409 - Experimental Health Psychology

1 semester, 4 Credits **Core Foundation/Proficiency:** Writing II; Oral Communication

Reviews the development and utilization of research techniques in health psychology. Students will investigate interactions among psychological, behavioral, and physiological factors involved in the etiology of disease and promotion of health. The laboratory stresses the development and application of research skills. *Prerequisites: PSY 202 and PSY 325, or permission of the instructor.*

PSY 416 - Experimental Cognitive Psychology

1 semester, 4 Credits **Core Foundation/Proficiency:** Writing II

Laboratory course that addresses current studies and research methodology in cognitive psychology. Explores theoretical issues and techniques of studying human cognition. Students will learn to understand and critique research design and outcomes in cognitive psychology. *Prerequisites: PSY 202 and PSY 316, or permission of the instructor.*

PSY 426 - Experimental Biopsychology

1 semester, 4 Credits **Core Foundation/Proficiency:** Writing II

Biopsychology examines behavior in the context of genetics, evolution, and physiology. It considers how a biological entity can give rise to seemingly non-material processes such as thought, perception, and mood. Research methods and techniques of biopsychology will be examined with emphasis on quantitative data collection. *Prerequisites: PSY 202 and 326, or permission of the instructor.*

PSY 470, 471, 472 - Selected Topics in Psychology

1 semester, 3 Credits

A seminar involving an in-depth analysis of a specific topic in psychology. Emphasis will be placed on readings, class discussion, and writing assignments. Course may be repeated for credit. *Prerequisite: PSY 100 and permission of the instructor.*

PSY 474 - Neuroscience Capstone

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Senior capstone seminar for the Neuroscience Certificate Program. Students will have the opportunity to integrate and synthesize information learned in previous courses and to explore in more depth specific areas of interest within neuroscience. Biological and psychological aspects of neuronal function and dysfunction will be explored. *Same as BIO 474. Prerequisite: Senior status as a Neuroscience Certificate student or by permission of instructor.*

PSY 482 - Drugs and Behavior

1 semester, 3 Credits

Examines psychological, physiological, and social dimensions of drug use and abuse. Principles of drug action and research methods in behavioral pharmacology will be reviewed. Research and theory related to drug use, abuse, and addiction will be evaluated. Prevention, treatment, and public policy issues will be considered. *Prerequisites: PSY 202 or permission of the instructor. PSY 303 is recommended.*

PSY 483 - Behavior Therapy

1 semester, 3 Credits

This seminar on the practice of behavior therapy emphasizes its basic principles and surveys the wide array of therapy procedures used. Behavioral assessment and applications to problems of everyday life are included. The procedures are critically examined in the light of research evidence. *Prerequisite: Permission of the instructor or junior/senior status.*

PSY 485 - Psychological Disorders of Children and Adolescents

1 semester, 3 Credits

In-depth, critical examination of theories and research relevant to expressions, causes, and treatment of psychological disorders of children and adolescents. Examines how developmental, constitutional, and environmental variables interact to produce behaviors problematic to children, their families, and society. Uses primary sources and case studies. *Prerequisite: PSY 324 or permission of the instructor. Junior/senior status.*

PSY 486 - Theories of Psychotherapy

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

This seminar explores the major approaches to psychological treatment of abnormal behavior, including how therapies operate, their theoretical foundations, evaluation of their effectiveness, and ethical issues. Material is presented through lecture, discussion, and audiovisual presentations. *Prerequisite: PSY 324 or permission of the instructor. Junior/senior status or permission of the instructor.*

PSY 487 - Psychology of Religion

1 semester, 3 Credits

A study of religion as a complex human behavior entailing belief, experience, and practice. Topics include: religion and personality; religion and psychopathology; the psychological bases of belief and non-belief; developmental aspects of religious identity; religious coping and forgiveness; religion and violence; and religion from cross-cultural and gendered perspectives. *Prerequisite: PSY 100, junior/senior status, or permission of the instructor.*

PSY 488 - Advanced Cognitive Development

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

An examination of how the ability to mentally represent emerges in infancy and develops over the course of childhood and into adolescence. The methods used to study representation will also be addressed. Empirical research will be the primary source of course material.

Prerequisites: PSY 202, and PSY 306, or PSY 316. Junior/senior status or permission of the instructor.

PSY 489 - Clinical Internship

1 semester, 4 Credits

Students intern/volunteer in a clinical supervised field setting. Students maintain a written diary, attend regular seminars to discuss field experiences and integrate their experiences with theoretical and empirical underpinnings of clinical psychology, and read in areas related to the practice of clinical psychology. *Prerequisites: PSY 324 and permission of the instructor. Junior/senior status.*

PSY 490 - Independent Study

1 semester, 4 Credits

Students engage in intensive reading or original research in psychology under the direction of one or more faculty according to a pre-arranged plan. Course may be repeated for credit, but it may be applied only once to meet the psychology concentration requirements. *Prerequisites: Permission of the instructor.*

Public and Community Service Studies

PSP 101 - Introduction to Service in Democratic Communities

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

An examination of concepts of community and service and their status in the United States and the world today, including examination of alternative conceptions of community and service and analysis of their meaning and value. Requires work in the community for 2-3 hours per week on average.

PSP 202 - Foundations of Organizational Service

1 semester, 3 Credits

An introduction to the basic precepts of organizations, organizational behavior, and organizational

theory that provide the context within which public and community service take place. Participation in a community service project may be required.

PSP 301 - Community Service in American Culture

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

A historical perspective on social and cultural settings in which service takes place in American culture and on the history of attempted solutions to social problems. Students will be introduced to the methodology of community action research and to the use of community service to critically interpret cultures. Requires work in the community for 2-3 hours per week on average.

PSP 302 - Diversity, Community, and Service

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Diversity in American society and its implications for people in community service. Topics: ethnicity/race, language, religion, gender, social class, sexual orientation, and peoples with "disabilities." Students study problems in cross-cultural communication and ways in which their life experiences and social structures of service organizations affect community service. Community service case studies relevant to diversity issues used. *Same as BLS 302. Prerequisite: PSP 101 or instructor permission.*

PSP 303 - Community Organizing

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing I

Students learn to view social, economic, and political problems from an organizer's perspective and to act on these problems using community organizing skills and practices. Historical and contemporary organizing traditions and approaches are explored alongside a real-world "organizing project" of the student's choosing. *Prerequisite: PSP 101 or permission of instructor.*

PSP 320 - Practicum in Public and Community Service

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Provides skills necessary for leadership in communities and small groups, as they relate to providing service. Students assist in service learning courses as facilitators at service sites and reflection leaders. Supervision and feedback will be provided to develop management skills. Normally taken by second-semester sophomores and first-semester juniors. *Prerequisites: PSP 101 or 303, and PSP 202, or by instructor's permission.*

PSP 321 - Practicum in Public and Community Service

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Provides skills necessary for leadership in communities and small groups, as they relate to providing service. Students assist in service learning courses as facilitators at service sites and reflection leaders. Supervision and feedback will be provided to develop management skills. Normally taken by second-semester sophomores and first-semester juniors. *Prerequisites: PSP 101 or 303, and PSP 202, or by instructor's permission.*

PSP 333 - Community Lens

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Fine Arts

Examines the concept and practice of community and social change through the lens of photography. Students learn digital photography skills, engage in a community-based photography project, and produce a final photo exhibition. *Same as ART 333 and GST 333.*

PSP 360 - Justice Across Borders

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Focuses on the meaning of "justice across borders," with special attention to the historical and contemporary relationship between the U.S. and its border communities. Reflection on cross-border service experience will be included in the course with opportunities to identify and develop strategies for defining and enhancing justice across borders. *Same as GST 360. Prerequisites: PSP 101 or GST 101.*

PSP 361 - Philanthropy

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

Designed to support students' acquisition of a range of basic knowledge and skills related to philanthropic practice. Combines an emphasis on the theoretical foundations of philanthropy with practical experience in two philanthropic fundamental tools: fund raising and fund distribution. *Prerequisites: PSP 101 or permission of the department.*

PSP 371 - Topics in Community Engagement

1 semester, 4 Credits

Provides the opportunity for the in-depth study of a current controversy or theoretical issue in public and community service with real-world applications, as participation in an intensive community engagement experience is required as part of the course. Travel may often be included in this course, and when this is the case, students are charged trip fees and airfare in addition to their tuition. *Prerequisite: Application and interview required.*

PSP 395 - Community Engaged Research

1 semester, Variable (1-3) Credits

Students will be engaged in a community-based research project under the direction of the faculty member. Variable credit hours (1-3 credit hours) where one credit hour equals four weekly hours research time. Must be taken on a pass/fail basis. May be repeated for credit. *Prerequisite: permission of the instructor required.*

PSP 450 - Internship in Community Service

1 semester, 3 Credits

An intensive public or community service internship experience in an applied setting. Combines attention to community service issues with specific academic themes designated by the instructor. The internship placement will be integrated with track courses. The experience will be supervised and evaluated with appropriate academic assignments, as designated by the instructor. *Prerequisites: PSP 101 and 202.*

PSP 470 - Special Topics in Public and Community Service

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication/Civic Engagement

In-depth analysis of special topics not covered in such depth in existing course offerings. The exact content will vary but may be drawn from current issues, events, and problems, or from theoretical and empirical debates in the research field of community service.

PSP 480 - Capstone Seminar

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

A one-semester seminar for senior minors and the first part of a yearlong seminar for senior majors that synthesizes and deepens academic learning with practical experiences. It will focus typically on some of the larger concepts foundational to the major, providing an opportunity to draw together the complex, interdisciplinary material studied during the previous three years. Student will submit a significant written project or product in consultation with faculty.

PSP 481 - Capstone Seminar

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

The second part of a yearlong seminar for senior majors that synthesizes and deepens academic learning with practical experiences. It will focus typically on some of the larger concepts foundational to the major, providing an opportunity to draw together the complex, interdisciplinary material studied during the previous three years. Student will submit a significant written project or product in consultation with faculty.

PSP 490 - Independent Study

1 semester, 3 Credits

A project, done in consultation with a faculty member, in which the student is free to pursue his or her own specialized interests in public and community service. Projects could include community involvement, reading and writing in a specialized area within the field, or community action research.
Prerequisite: Prior departmental approval required.

PSP 491 - Independent Study: Community Health

1 semester, 3 Credits

A requirement for minors who pursue the Community Health track. Similar to PSP 490 but with a focus on community health. Coordinated by both the director of the Feinstein Institute and the advisor for health professions. *Prerequisite: Prior departmental approval required.*

Social Science

SSC 480 - Social Science Capstone Seminar

1 semester, 3 Credits

Senior-level capstone seminar to integrate and explore the interdisciplinary material in the major with an emphasis on how to conduct and evaluate social scientific investigation and explanation, as well as

how to approach a problem from a social scientific perspective using appropriate theoretical and methodological tools.

Social Work

SWK 101 - 21st Century Social Work

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

Introduces professional social work in terms of practice methods and services involved in working with people, such as counseling children, adults, or families; developing programs for at-risk youth or fragile elders; and organizing communities. Course emphasis is on exploring the dynamics of helping that underlie all practice through readings, discussion, and engaged community learning on understanding societal forces that engender private problems. *Prerequisite: Juniors and seniors by permission.*

SWK 220 - Diversity and Culture in Social Work Practice

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

"Cultural competence" includes awareness of one's own culture-based world view, awareness of the world views of diverse clients, and skills in working across cultural differences. Such competence will be pursued through reflection and dialogue about students' own cultures and interactions with others of different cultures in reading, cocurricular exploration, and community engagement.

SWK 253 - Human Behavior Through the Life Span

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

Students investigate biological, social, psychological, and spiritual dimensions of human development throughout the lifespan and consider the impacts that individual and environmental forces exert on behavior and adaptive functioning. Normative developmental tasks and abilities are used as reference points in understanding the strengths and problems of diverse populations.

SWK 254 - Human Behavior in Social Systems

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

Common patterns of human behavior found in diverse family structures, groups, organizations, institutions, neighborhoods, and communities are examined through the application of a social systems perspective. Small and large group theory are used to critically evaluate contexts for behavioral norms, social roles, socialization, situational pressures within organizations resulting from various authority and leadership styles, organizational structures, and patterns of communication.

SWK 280 - Violence Against Women

1 semester, 3 Credits

Examines the institutional context of this social epidemic. Issues of race, age, and sexual orientation are explored, as the scope, prevalence, forms, and consequences of violence against women are examined. While the focus is intimate partner violence, broader issues of sexual assault, human trafficking, etc. will be incorporated, as will prevention, intervention, policy, and the criminal justice system's response. *Same as WMS 280.*

SWK 285 - Current Issues in the Addiction Field

1 semester, 3 Credits

Introduces the ever-changing issues in the field of addictions. Addresses the legal and illegal drugs of abuse, the neuroscience of addiction, and best practice approaches. A social work perspective using a bio-psycho-social approach and understanding the strengths based perspectives is underscored. Understanding the impact of addiction at the individual, family, community, and global levels.

SWK 301 - Current Issues

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

Offers an in-depth examination of specific contemporary problems, their scope, policy implications, practice issues, and the role of social work in addressing these. Recent offerings include Mental Health and Dysfunction (offers a developmental, dynamic systems approach to understanding psychosocial problems and helping interventions) and School Social Work; Children at Risk; Trauma-Informed Care Practices, HIV, and Suicide Prevention.

SWK 360 - Social Policy

1 semester, 3 Credits

Historical and contemporary factors influencing social policy development define the processes which American society uses to approach social problem identification. Examination and analysis of current policy issues through debate explicates the underlying and competing values in social welfare policies and the role of social workers as policy makers and shapers. *Prerequisite: Junior social work majors only.*

SWK 365 - Practice with Individuals, Families, and Groups

1 semester, 3 Credits

Generalist practice skills necessary for work with individuals, groups, and families and learning to engage client systems, identify and assess needs, and develop service plans are emphasized. Videotaping and simulation techniques are employed to develop the skills of relationship building, interviewing, problem solving, and the professional use of self. Knowledge, values, and ethics of the profession are underscored. *Prerequisite: Junior majors only.*

SWK 366 - Community and Political Practice

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement

Community practice strengthens neighborhood bonds, building social capital, and networks. Through organizing, communities are empowered to create grassroots organizations and focus on advocacy strategies to remedy social, political, and economic injustices. Students learn to complete asset-based and need-based assessments, mobilize citizens for collective power, and to advocate for current relevant legislation.

Prerequisite: Junior majors only. Experiential learning component required.

SWK 368 - Research

1 semester, 3 Credits **Core Foundation/Proficiency:** Quantitative

Social science research processes, probability and evidence-based practice, basic study designs, and frequently used statistical procedures are introduced. Students will become beginning practitioners of

empirical research by evaluating research reports, analyzing logic and methods of empirical inquiry (including program evaluation and single-subject designs), examining ethical research issues, and designing, executing, and evaluating their own research projects. *Prerequisite: Social Work majors only.*

SWK 370 - Social Work Internship and Seminar I

1 semester, 4 Credits

Provides students with the opportunity to learn firsthand about social work practice, requires a minimum of eight hours weekly of professionally supervised practice activity in a human service organization. A concurrent seminar advances learning about functioning in a professional capacity with client systems in an organizational context. Understanding and embodying ethical practice standards is emphasized. *Prerequisite: Junior majors only.*

SWK 450 - Social Work Internship and Seminar II

1 semester, 6 Credits

First semester of a two-semester internship, requiring a minimum of 16 hours weekly of professionally supervised, educationally directed practice experience. Students build generalist practice competencies focused on engaging individuals, families, organizations, and communities in deliberate change. Reflective, informed, evidenced-based, culturally competent habits of practice are emphasized. The concurrent seminar supports professional identification and peer-supported learning. *Prerequisite: Senior majors only.*

SWK 451 - Social Work Internship and Seminar III

1 semester, 6 Credits

A continuation of the senior level internship in which emphasis is placed on integrating and evidencing practice competencies with systems of various sizes, use of the relationship to advance the work in various contexts, policy advocacy to advance human rights and social and economic justice, systematic practice evaluation, and effective oral and written communication. *Prerequisite: Senior majors only.*

SWK 468 - Research Methods II: Advanced Research Design and Statistical Analysis

1 semester, 3 Credits

Building on SWK 368, this course stresses "hands-on" practice in applying statistical analyses via computation and statistical software such as SPSS to interpretation of standardized and student-created measures employed in typical social work research designs. *Prerequisite: SWK 368 or permission of instructor.*

SWK 488 - Theory/Practice Capstone

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II; Oral Communication

Designed to consolidate didactic and field learning and integrate the professions' theories and practice models, students identify differential problem areas and tailor theoretical and practice models to meet the specific needs of populations-at-risk, diverse groups, and communities. Strategies to combat discrimination and oppression and promote social and economic justice are explored. A thesis project is a required assignment. *Prerequisite: Senior majors only.*

SWK 489 - Theory/Practice Capstone

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II; Oral Communication

A continuation of SWK 488, extending and learning from the Fall semester. Social work seniors complete a thesis project and case presentations, interpreted through the lens of micro and macro practice, while meeting oral and written proficiencies. *Prerequisite: Senior majors only.*

SWK 490 - Independent Study

1 semester, 3 Credits

Guided independent study/research into social work knowledge or practice involves task-framing, execution, and assessment as important student responsibilities, which must be specified prior to registration and developed throughout the semester in consultation with faculty.

Sociology

SOC 101 - Introductory Sociology

1 semester, 3 Credits **Core Foundation/Proficiency:** Social Science

An analysis of the social bases of human behavior. Introduction to the basic concepts, perspectives, and research techniques of contemporary sociology, including topics such as social organization, culture, socialization deviance, and stratification.

SOC 209 - Social Research Methods

1 semester, 3 Credits **Core Foundation/Proficiency:** Quantitative

Examines the basic logic and techniques employed by sociology in conducting empirical research and analyzing the data obtained. Although the course covers the full array of methods, the emphasis is decidedly quantitative, focusing on experimental control, sampling, and survey methodology. Part of the class is conducted in the computer laboratory using social scientific software programs.

Prerequisites: SOC 101.

SOC 301 - Sociology of the Family

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Social Science

Family patterns and processes in selected societies. Uniformities and variations in structures are considered. The family is analyzed as a social institution and as a form of intimate behavior. Various alternatives to the family are explored, and issues related to human sexuality and gender-role behavior are examined. The course will focus on race, class, and gender. *Same as WMS 303.*

SOC 304 - Social Movements

1 semester, 3 Credits

What was it like to be a part of the 1950s and 1960s U.S. civil rights movement? Examines why people join social movements, how they are organized, why they occur when they do, and why they succeed or fail, and offers a critical evaluation of current theories of social and political movements. *Same as BLS 304.*

SOC 305 - Race and Racism

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

An analysis of race and ethnic relations in America with special emphasis on the historical and contemporary experience of Native Americans, Latinos, Asian-Americans, African-Americans, and European-Americans. Sociological theory and data are used to examine the structural sources and effects of racism, prejudice, and discrimination. *Same as BLS 305.*

SOC 307 - Urban Sociology

1 semester, 3 Credits

Identifies the extent of, and reasons for, such urban problems as poverty, crime, and homelessness in cities such as Providence, New York, Boston, and Chicago. In generating explanations and developing solutions, the course draws on the theories of urban sociologists and on the personal experience of those who confront urban problems. *Same as BLS 307.*

SOC 310 - Society, Culture, and the Individual

1 semester, 3 Credits

Explores the ways in which individuals process and then either adopt or reject competing norms and values. Scholars have used different concepts to explain this basic fact of human behavior: social psychology, symbolic interaction, culture, ideology, hegemony, interpellation, discourse, and habitus. Students will learn the advantages and disadvantages of each.

SOC 319 - Sociology of Health and Illness

1 semester, 3 Credits

Explores the social aspects of health and illness, the relationship of illness to the organization of society, and the organization of medical care — the distribution of correlates of mortality and morbidity, attitudes toward illness, the sick role, the organization of therapeutic settings, the economics and politics. Health delivery systems are evaluated cross-culturally and proposals for change in the American health system are critiqued. *Same as HPM 319.*

SOC 321 - Social Change

1 semester, 3 Credits **Core Foundation/Proficiency: Social Science**

Examines classical and contemporary explanations of the nature (what?), causes (why?), agents (by whom?), processes (how?), and responses to change. Focus is on societal and global levels. Emphasis on American social trends during the 20th century and the 1960s and its legacy. *Same as AMS 321. Prerequisite: SOC 101. Not open to freshmen.*

SOC 322 - Occupations and Professions

1 semester, 3 Credits

A sociological investigation of occupations and professions in contemporary American society. The course is an analysis of the nature of occupations in relation to social structure, occupational differentiation, and socialization and education of occupations and professions. There is also a consideration of current issues in occupational sociology, including professionalization, sex-role differentiation, and the implications of occupation for life changes.

SOC 323 - Contemporary Social Problems

1 semester, 3 Credits

Covers the major social problems of contemporary American society. Attention is given to the problems of poverty, racism, sexism, war, the environment, overpopulation, drug use, and crime. An analysis is made of the structural causes and consequences of these issues. *Same as BLS 323.*

SOC 324 - Sociology of Gender

1 semester, 3 Credits

Analyzes the social, cultural, political, and economic roles of women and men cross-culturally and historically in societies such as the United States, Europe, the former Soviet Union, China, Latin America, the Middle East, and certain small subsistence-level societies. Structural and cultural causes, and consequences of different forms of gender stratification are emphasized. *Same as WMS 324.*

SOC 337 - Criminology

1 semester, 3 Credits **Core Foundation/Proficiency: Social Science**

The study of crime as a social phenomena, including the origin of criminal law, measurement of criminal behavior, and the various categories of crime. The focus of the course is primarily on describing and explaining crime rather than formal responses to it.

SOC 355 - Comparative Race and Inequality

1 semester, 3 Credits

Examines histories and contemporary experiences of race across multiple settings, with attention to how race intersects with other social identities. Explores the relevance of race in understanding inequality, privilege, and community. Scholarly publications, autobiographies, films, non-fiction, media coverage, and community events serve as course texts. *Same as BLS 355 and GST 355.*

SOC 401 - Political Economy of Race

1 semester, 3 Credits

Examines the co-evolution of race and capitalism over the past 500 years, from racial justifications of imperialism (for an early critique see de las Casas 1552) to contemporary processes of neo-colonialism, neo-liberalism and racial capitalism. *Same as GST 401 and BLS 401. Prerequisites: One of the following: BLS 101, SOC 313, SOC 315, GST 355, or permission of instructor.*

SOC 403 - History of Social Thought

1 semester, 3 Credits

Classical sociological theories emerged from the mid-19th to early 20th centuries to explain certain alarming aspects of "modernity," such as the advent of industrial capitalism and bureaucracy. This course takes the view that such theories are as relevant today as ever, particularly as tools for understanding globalization, which will be the central reference point for the course.

SOC 411 - The Sociology of Disaster

1 semester, 3 Credits

Introduces the sociological dimension of disasters and major events, which disrupt the prevailing order

of society by causing injury, death, and/or property loss to large numbers of people. Possible case studies include earthquakes, heat waves, hurricanes, oil spills, chemical releases, or terrorist attacks. Examples include the September 11th terrorist attacks, Hurricane Katrina, or the San Francisco earthquake. A service project is normally required. *Same as AMS 411.*

SOC 413 - The Power of Whiteness

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Historical development of "whitenesses" within the context of colonialism, slavery, imperialism and globalization, and their aftermaths as a way of understanding the cultural environments and processes of ethno-racial and gender-sexual identity formation today. Hegemonic whiteness is deconstructed and challenged. Whiteness is examined as an unnamed, unmarked category, "whites are just normal," that carries powers and privileges. *Same as AMS 413, BLS 413, and WMS 413.*

SOC 417 - Contemporary Sociological Theory

1 semester, 3 Credits

Whereas classical theory emphasizes the coercive aspects of modernity (e.g., capitalist exploitation), contemporary sociological theory tends to emphasize more subtle forms of power. In this course, we will read the central proponents of this "hearts and minds" orientation. To put into practice what they learn, students will be required to run a hearts and minds campaign of their own.

SOC 418 - Globalization and Social Justice

1 semester, 3 Credits

With the fall of socialist states, capitalist markets, economic relations, and consumerism have become global. Examine the political, cultural, and economic origins, consequences, and responses (with specific concern for the prospects for social justice, democracy and equality) in the rich and poor countries of the world; impacts on workers; ecological, resource, and environmental implications; and anti-corporate globalization resistance movements. *Same as AMS 418, GST 418, and WMS 418.*

SOC 425 - African-American Women

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Focuses on sociological analyses of the constructions and reconstructions of African-American women, examining the interrelationships of gender, race, caste, class, racism, and sexism in the United States, past and present. Topics include the family, male-female relations, poverty, discrimination, and social movements, with particular emphasis on origins, consequences, social and individual changes and resistance to change, sociological, and feminist theories. *Same as AMS 425, BLS 425, and WMS 425.*

SOC 445 - The Consumer Society

1 semester, 3 Credits

Consumption and consumerism are driving forces sustaining the expansionist logic of advanced capitalism and globalization. Consumption of commodities has become the basis for the formation of ever-changing individual and group identities. Examines the historical development of consumerism, theoretical approaches to understanding the political, social, economic, individual and very

importantly, the environmental consequences of consumerism. *Same as AMS 445, GST 445, and WMS 445.*

SOC 447 - Women and Crime

1 semester, 3 Credits

An in-depth look at a seemingly rare phenomenon—the participation of women in crime. First seen only as victims of crime, increased attention has focused on women as criminal offenders and found that their participation in crime both mimics and differs from that of men. In addition, although the roles of crime offender and crime victim overlap generally, the connection between victimization and offending is particularly strong for women. This course examines women as criminal offenders AND victims, and examines the complex pathways between these roles. *Same as WMS 447.*

SOC 450 - Sociology Internship

1 semester, 3 Credits

Offers students an opportunity to use their academic knowledge and sociological and other social science skills by working in a local agency/organization. Objective: First-hand understanding of social issues and problems. Students must have their site location in place prior to the start of the semester in which they enroll in the internship. *Prerequisite: Junior or senior standing.*

SOC 451 - Women and Family Issues Internship

1 semester, 3 Credits

Offers students interested in Women's Studies an opportunity to use their academic knowledge and relevant skills by working in a local agency/organization. Students must have an appropriate site location in place prior to the start of the semester in which they enroll in the internship. *Same as WMS 451. Prerequisite: Junior or senior standing.*

SOC 454 - Immigration

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

Public discourse questions whether contemporary immigration is beneficial for society and whether today's immigrants will assimilate similarly to previous immigrants. This course engages these debates by situating present-day U.S. immigrant experiences in historical and comparative perspectives. Topics include: theories of migration, immigrant incorporation, effects of migration on sending and receiving societies, and immigration laws and current policies. *Same as GST 454.*

SOC 470 - Selected Topics in Sociology

1 semester, 3 Credits

The intensive development of a specific topic not covered in such depth in existing course offerings. The topic may be drawn from current issues, events, or problems, or from theoretical and empirical debates in the discipline of sociology. Recent examples of course titles include: Food Justice; Gender, Technology, and Health; Homelessness; Latinos in the U.S.; Masculinities, Femininities, and the Body; and The Death Penalty.

SOC 480 - Senior Capstone Seminar

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II; Oral Communication

Explores the potential and limitations of sociological investigation and explanation, how to make a sociological argument in both written and oral form, how to determine if the evidence supports or refutes an argument, and how to utilize sociological data. Integrates sociological knowledge from a number of diverse subdisciplines.

SOC 490 - Independent Study

1 semester, 3 Credits

A project in which the student is free to pursue his or her own specialized interest in sociology. Projects could include community involvement, reading in specialized areas of sociology, and field research. *Prerequisite: Consent and supervision of a faculty member.*

Studio Thesis Courses

Required of all studio majors. Production of a mature body of work in preparation for the senior thesis exhibition. *Prerequisite: Three courses in the selected concentration or consent of the department chairperson and advisor.*

ART 492 - Drawing Thesis

1 semester, 3 Credits

Required of all studio majors concentrating in drawing.

ART 493 - Sculpture Thesis

1 semester, 3 Credits

Required of all studio majors concentrating in sculpture.

ART 494 - Painting Thesis

1 semester, 3 Credits

Required of all studio majors concentrating in painting.

ART 496 - Ceramics Thesis

1 semester, 3 Credits

Required of all studio majors concentrating in ceramics.

ART 497 - Photography Thesis

1 semester, 3 Credits

Required of all studio majors concentrating in photography.

ART 498 - Digital Imaging Thesis

1 semester, 3 Credits

Required of all studio majors concentrating in digital imaging.

The Ensembles

MSC 142 - PC Pep Band

1 semester, 1/2 Credit

This group performs for athletic, College, and community events. Rehearsals required. Music to be performed: school songs, rock and popular music, and other styles appropriate to each situation. Since the instrumentation is limited to brass, saxophones, percussion, and electric instruments, students who play orchestral woodwinds are encouraged to learn one of the brass instruments, saxophone, or an electric instrument. Game performance is contingent upon satisfactory attendance and progress as determined by the faculty director.

MSC 240 - Orchestra

1 semester, 1/2 Credit **Core Foundation/Proficiency:** Fine Arts

This large ensemble rehearses for a total of three hours per week and is open to musicians who play an orchestral instrument. The ensemble performs a wide variety of repertory, dating from the Baroque to the present, and presents a concert each semester of the academic year.

MSC 242 - Symphonic Winds

1 semester, 1/2 Credit **Core Foundation/Proficiency:** Fine Arts

This concert ensemble is devoted to the preparation and performance of the finest traditional and contemporary literature for wind and percussion instruments. Music majors and students from other academic areas find participation in this ensemble challenging and enjoyable. Open to all students with prior instrumental background, this ensemble performs at least four concerts per year.

MSC 248 - Opera Workshop

1 semester, 1/2 Credit

Opera Workshop is a large ensemble that introduces students to the process of preparation for the performance of musical drama. Through work on scenes from serious and light operas, students gain experience in musical preparation, the development of dramatic characterization, stage movement, blocking, and so forth. Scenes are performed in concert at the end of the semester.

MSC 342 - Jazz Band

1 semester, 1/2 Credit **Core Foundation/Proficiency:** Fine Arts

This large ensemble performs jazz from all style periods as well as repertoires composed for large and small groups. All instrumentalists and singers interested in jazz are welcome but should consult the instructor before enrolling. Students will rehearse for a total of three hours per week and perform once each semester.

MSC 347 - Concert Chorale

1 semester, 1/2 Credit **Core Foundation/Proficiency:** Fine Arts

A large select ensemble, this mixed voice chorale serves as the touring choir along with I Cantori. Concert Chorale performs both major works and repertoire of many styles including traditional and multicultural music.

MSC 440 - Chamber Ensemble

1 semester, 1/2 Credit

Groups of three to eight players; can include string quartet, woodwind quintet, brass quintet, flute quartet, piano and other trios, or any combination of players. Audition and permission of appropriate instructor required.

MSC 441 - Jazz Chamber Ensemble

1 semester, 1/2 Credit

Small group jazz for rhythm section and winds. Groups may cover music of any jazz style period: New Orleans, swing, bebop, cool school, hard bop, modal, fusion, or modern. Audition and permission of instructor required.

MSC 445 - Early Music Ensemble

1 semester, 1/2 Credit

In this ensemble, vocal and instrumental students will have the opportunity to explore and perform a wide variety of repertoire from the Renaissance, Baroque, and Classical periods. Compositions will be chosen based on the instruments and voices of the students who register for the ensemble. Audition or permission of the instructor required.

MSC 447 - I Cantori

1 semester, 1/2 Credit **Core Foundation/Proficiency:** Fine Arts

This small, auditioned, mixed chorus is Providence College's premiere choral ensemble, used both on and off campus when ambassadors of choral music are needed. This group performs a wide assortment of sacred and secular literature appropriate for the chamber ensemble.

The Private Lessons

MSC 150 - 177 - Applied Music for Non-Majors

1 semester, 1 1/2 Credits

These are private lessons open to all interested students; instructors teach once a week on a one-to-one basis. Lessons do not count as a fifth course. There is an additional fee for these lessons. Students also must register in the music department for each of the following lessons: *MSC 117 Vocal Jazz I, MSC 150 Piano I, MSC 151 Jazz Piano I, MSC 152 Organ I, MSC 153 Harpsichord, MSC 154 Voice I, MSC 155 Violin I, MSC 156 Viola I, MSC 157, Cello I, MSC 158 String Bass I, MSC 159 Flute I, MSC 160 Oboe I, MSC 161 Clarinet I, MSC 162 Bassoon I, MSC 163 Saxophone I, MSC 164 Trumpet I, MSC 165 Trombone I, MSC 166 French Horn I, MSC 167 Baritone I, MSC 168 Tuba I, MSC 169 Percussion I, MSC 170 Classical Guitar I, MSC 171 Jazz Guitar I, MSC 172 Electric Guitar I, MSC 173 Electric Bass I, MSC 175 Composition I, MSC 176 Harp I, MSC 177 Vocal Jazz I.*

MSC 250 - 278 - Applied Music II (for freshman/sophomore music majors and music minors)

1 semester, 1 1/2 Credits

For freshman/sophomore music majors and music minors. This is the introductory level of private instruction offering a more concentrated, thorough, and technical approach to the student's chosen

instrument. There is an additional fee for these lessons. *Prerequisite: Permission of department. Students must also register in the music department for each of the following lessons: MSC 250 Piano II, MSC 251 Jazz Piano II, MSC 252 Organ II, MSC 253 Harpsichord II, MSC 254 Voice II, MSC 255 Violin II, MSC 256 Viola II, MSC 257 Cello II, MSC 258 String Bass II, MSC 259 Flute II, MSC 260 Oboe II, MSC 261 Clarinet II, MSC 262 Bassoon II, MSC 263 Saxophone II, MSC 264 Trumpet II, MSC 265 Trombone II, MSC 266 French Horn II, MSC 267 Baritone II, MSC 268 Tuba II, MSC 269 Percussion II, MSC 270 Classical Guitar II, MSC 271 Jazz Guitar II, MSC 272 Electric Guitar II, MSC 273 Electric Bass II, MSC 275 Composition II, MSC 276 Harp II, MSC 277 Vocal Jazz II, MSC 278 Applied Lessons in Conducting II.*

MSC 350 - 378 - Applied Music III (for junior/senior music majors)

1 semester, 1 1/2 Credits

For junior/senior music majors. A music major is expected to advance to this level of private instruction as a junior and senior. This upper-division applied study will assist in the preparation for the senior recital/project. There is an additional fee for these lessons. *Prerequisites: Applied Music II and permission of department. Students must also register in the music department for each of the following lessons: MSC 350 Piano III, MSC 351 Jazz Piano III, MSC 352 Organ III, MSC 353 Harpsichord III, MSC 354 Voice III, MSC 355 Violin III, MSC 356 Viola III, MSC 357 Cello III, MSC 358 String Bass III, MSC 359 Flute III, MSC 360 Oboe III, MSC 361 Clarinet III, MSC 362 Bassoon III, MSC 363 Saxophone III, MSC 364 Trumpet III, MSC 365 Trombone III, MSC 366 French Horn III, MSC 367 Baritone III, MSC 368 Tuba III, MSC 369 Percussion III, MSC 370 Classical Guitar III, MSC 371 Jazz Guitar III, MSC 372 Electric Guitar III, MSC 373 Electric Bass III, MSC 375 Composition III, MSC 376 Harp III, MSC 377 Vocal Jazz II, MSC 378 Applied Lessons in Conducting III.*

Theatre, Dance, and Film

TDF 101 - Theatre Appreciation

1 semester, 3 Credits **Core Foundation/Proficiency: Fine Arts**

An introductory course specifically designed for non-majors to increase the student's awareness of the performing arts and their impact on society. The course will examine the various processes of stage production, the economics of the performing arts, and attempt to develop sound critical standards and enthusiasm through readings and attendance at performances.

TDF 102 - Introduction to Oral Communication

1 semester, 3 Credits

An introductory course in recognizing and developing effective oral communication skills. Focuses on self-awareness, team building skills, listening skills, and oral presentations. Students will prepare a variety of individual and group presentations, exploring oral communication in formal and informal situations. Listening and evaluation skills are developed through engagement in discourse, activities, and written assignments.

TDF 103 - Introduction to Theatrical Design

1 semester, 3 Credits **Core Foundation/Proficiency: Fine Arts**

Introduces the art of theatrical design, including scenery, costumes, and lighting. Includes the processes of theatrical design, script analysis, research techniques, conceptualization of a design metaphor, production meetings, rendering techniques, and preliminary construction choices. Students attend and analyze productions both on- and off-campus for design quality.

TDF 105 - Stagecraft

1 semester, 3 Credits

An introduction to technical theatre. The fundamentals of scene design, construction, painting, and lighting will be studied. The student will be exposed to construction techniques of scenery for the professional and university stage. Artistic use of scene materials, reading of plans and drawings, and proper use of tools will be studied.

TDF 106 - Introduction to Theatre, Dance, and Film

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

This survey course examines works in western theatre, dance, and film, with a particular emphasis on criticism. Class discussions are dedicated to the fundamentals of observation and critiquing, the creative process, and the principles of composition and design. Students participate in creative experiences and will attend live performances and films both on and off campus.

TDF 107 - Oral Interpretation: The Performance of Literature

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts; Oral Communication

Students explore the creative process through the analysis, rehearsal, and performance of selected literary pieces. Students gain extensive experience in oral presentation of prose and poetry. Focuses on representative works from a particular period or country.

TDF 108 - Script Analysis

1 semester, 3 Credits

Script analysis is a tool used by actors, directors, and designers to recognize and evaluate dramatic and performance values in a play script. Students learn techniques of text analysis designed to support creative work in rehearsal and production. Focuses on analysis of dramatic action and character relationships.

TDF 109 - Introduction to Acting

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts; Oral Communication

Designed with the beginning actor in mind. Introduces the student actor to the basic vocal and physical techniques of acting as well as exposes him/her to a variety of performance techniques. Traditional acting styles as well as improvisations, mime, and theatre games are experienced during the semester.

TDF 111 - Introduction to Dance

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Exposes students to the technique and appreciation of three different types of dance: ballet, modern, and jazz. Students practice in the studio on an ongoing basis. In addition, students study the history and aesthetics of dance through readings and viewings of live performances and videotapes. Three short papers are required.

TDF 120 - History of Film: Early Hollywood

1 semester, 3 Credits **Core Foundation/Proficiency: Fine Arts**

Traces the history of cinema from its beginnings at the turn of the 20th century to the establishment of the sound cinema. Emphasis is given to film as an art form as well as a social and political phenomenon in the United States and throughout the world. *Same as AMS 120.*

TDF 121 - History of Film: Classic Hollywood and Beyond

1 semester, 3 Credits **Core Foundation/Proficiency: Fine Arts**

Traces key films and movements in the history of the cinema, from the classic Hollywood era in the 1940s to the flowering of international and independent cinema of the present. Emphasis is on cinema as an art form, medium of entertainment, and its development alongside politics, society, and the other arts. *Same as AMS 121.*

TDF 201 - History of Fashion and Costuming

1 semester, 3 Credits

This lecture/lab course surveys the history of popular fashion in western civilization from biblical times to the advent of the 20th century. Various cultural factors that have influenced the history and design of clothing are considered.

TDF 202 - History of Theatre

1 semester, 3 Credits

Designed as an introductory study in the evolution of theatrical modes and production styles from ancient times to the 19th century. Theatre architecture and the development of acting, directing, design, and playwriting in the major periods of theatre history are explored. The relationship between historical conditions and theatrical presentation is also studied.

TDF 203 - Fundamentals of Public Speaking

1 semester, 3 Credits **Core Foundation/Proficiency: Oral Communication**

Development of skills in the preparation, delivery, and evaluation of common forms of public address. Students prepare and present a variety of informative and persuasive speeches. Students engage in a debate and speak before a video camera. Sample addresses of outstanding speakers are studied.

TDF 204 - Voice and Diction

1 semester, 3 Credits

Provides the basic foundation of correct speaking for all areas of public communication. This course is useful for anyone interested in acting, radio, TV, politics, or public speaking. The emphasis is on building vocal technique rather than on interpretation or content.

TDF 205 - Theatrical Production

1 semester, 3 Credits

Students learn how plays and musicals are produced, including the choice of text, space, actors, production style, and design. Students learn to secure production rights and contractual agreements, as well as plan budgets and rehearsals. The final class project involves creating a plan for producing a

specific play. For TDF Majors/Minors or by permission of instructor. *Prerequisite: Either TDF 108 or 109.*

TDF 206 - American Musical Theatre

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Exposes students to all aspects of the Broadway or American musical theatre. Emphasis on appreciation and analysis in terms of music, book, lyrics, and design. Eight or nine musicals of various types are studied through analysis of scripts, sound recordings, DVDs, and live performances when possible. *Same as AMS 206.*

TDF 210 - Introduction to Theatrical Design

1 semester, 3 Credits

Introduces students to the art of theatrical design, including scenery, costumes, and lighting. Includes the processes of theatrical design, script analysis, research techniques, conceptualization of a design metaphor, production meetings, rendering techniques, and preliminary construction choices. Students attend and analyze productions both on and off campus for design quality. *Prerequisites: One of the following: TDF 101, 105, 106, 108, 109, 206, or permission of instructor.*

TDF 212 - Modern Dance

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Explores some of the creative aspects of movement in elementary modern dance technique. Introduces the expression of emotion through movement, dynamics, spatial directions, and basic locomotor movements. Contains warm-up and strengthening exercises stressing the correct use of the body.

TDF 214 - Ballet

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Introduces students to the technique, terminology, and history of ballet. Students will be exposed to basic barre and center work, and will learn basic adagio, petit allegro, and grande allegro combinations. Correct body alignment and muscular control will be stressed. Students will view and write about live performances both on and off campus.

TDF 216 - Jazz Dance

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

This class in elementary jazz techniques exposes students to the fundamentals of jazz dance. Contains a warm-up and a movement section, stressing varied jazz styles. Students will view and write about live performance both on and off campus, and will learn jazz dance history.

TDF 220 - The Catholic Imagination of Four American Filmmakers

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

An intensive study of the films of John Ford, Frank Capra, Alfred Hitchcock, and Martin Scorsese emphasizing the Catholic imagination from which each of these directors was influenced. The social,

psychological, and theological themes found in each filmmaker are considered as ways in which they used their personal concerns to tell popular stories. *Same as AMS 220.*

TDF 225 - American Film Genres

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

A film genre is a recognizable type of movie, characterized by certain pre-established conventions. Genres evolve over time and are directly connected to the cultures that produce and cultivate them. Surveys the history and theory of popular American film genres such as horror, comedy, westerns, sci-fi, musicals, etc.

TDF 226 - Analyzing Film

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Using film as the primary text, this course introduces students to the theory and practice of reading films as cultural artifacts and as works of art. Focuses on a variety of important Hollywood cinematic works of different genres, each representing some facet of the art of films including the use of visual language of film.

TDF 251 - Performance & Directing Experience

1 semester, 1/2 Credit

Students involved in Blackfriars Theatre production will complete a minimum 35-hour commitment through rehearsal and performance or directing work. Audition is required for participation as an actor.

TDF 252 - Crew Experience

1 semester, 1/2 Credit

Students completing a backstage or technical work assignment (approximately 30 hours) on any show may receive crew experience credit. Jobs include but are not limited to: stage manager, assistant stage manager, light board operator, sound operator, costume crew, running crew, building or painting sets. Majors must complete four crew experiences; minors must complete two crew experiences.

TDF 260 - Women in Dance and Sport

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Women have made tremendous strides in both dance and sport over the last century. Studies the achievements of and challenges to women in these fields, with a focus on contemporary artists and athletes. A historical background will provide the foundation for analysis of current issues. *Same as AMS 260 and WMS 260.*

TDF 265 - Providence College Dance Company

1 semester, 1/2 Credit

Members of the Dance Company are required to attend one 90-minute technique class per week throughout the semester and to rehearse 6-8 hours per week during the semester. The minimum number of production hours required during the semester is 35. Admission to the Dance Company is by audition.

TDF 301 - Western Drama in Performance

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Overview of dramatic works from Greeks through the 19th-century. Conventions of dramatic writing and the theatre practices prevalent in the period and culture in which the plays were originated will be examined. Contemporary adaptations of classical plays and the manner in which contemporary theatre practices are employed to translate historical plays into relevant 21st-century theatre experiences will also be considered.

TDF 304 - Acting Realism

1 semester, 3 Credits

Emphasis on the development of the Stanislavski and Method techniques of acting. Reading and scene study centers around the work of selected realistic playwrights, i.e., Miller, Ibsen. Class exercises are designed to develop realistic acting. *Prerequisite: TDF 109.*

TDF 305 - Acting: Improvisation

1 semester, 3 Credits

Advanced students study ensemble techniques necessary for the creation of non-scripted, non-traditional performance pieces. Simple physically based exercises grow into complex character-centered verbal improvisation. Includes introduction to the developmental techniques of Chaikin, Spolin, Brooke, and Grotowski. Improvisations are especially helpful to students with physical inhibitions or movement problems. *Prerequisite: TDF 109.*

TDF 306 - Acting: Presentational Styles

1 semester, 3 Credits

Introduces vocal and physical techniques used in "classical" verse drama, i.e., the theatre of Greece, Rome, Renaissance England, and France, as well as those skills helpful in portraying high-style comedy or comedy of manners (i.e., Sheridan, Goldsmith, Coward). *Prerequisite: TDF 109.*

TDF 309 - Principles of Directing

1 semester, 3 Credits

Offers instruction and practical experience in the art of staging plays. Selection of material, script analysis, casting, rehearsal procedure, techniques of communication with the actor, and the coordination of scenery, costumes, and lighting into a unified stage production will be explored. Readings in the works of Antoine, Craig, Reinhardt, Stanislavski, Meyerhold, Grotowski, and Brook are discussed. *Prerequisites: TDF 108 and 109.*

TDF 310 - Renaissance Drama

1 semester, 3 Credits

A mix of comedies and tragedies from 1580-1650, including Marlowe, Kyd, Jonson, Middleton, Webster, Beaumont and Fletcher. The plays will be studied within the social and political context of early modern England. *Same as ENG 313.*

TDF 313 - Intermediate Modern Dance

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Builds on the basics of dance technique previously mastered to become adept in the performance of more complex skills. Readings and discussions on modern dance choreographers complement the study of technique. View and critique live performances of modern dance; three papers required.

TDF 314 - Intermediate Ballet

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Further develops the technical skills and ballet vocabulary of dance students, exposing them to ballet history, anatomy for dancers, contemporary ballet choreographers, and current issues in the field. Includes barre, center, and allegro work, emphasizing body alignment, musicality, and performance style. Requirements include readings, live performances off campus, and three papers.

TDF 315 - Dance Composition

1 semester, 3 Credits

Teaches all phases of the dance-making process. In-class work includes movement improvisations, explorations in different art forms as they relate to dance, and basic choreography. Discussion and reading also are integral to the course. For the final project, each student choreographs, rehearses, and presents a group dance. *Prerequisite: TDF 212 or 313 or permission of instructor.*

TDF 316 - Intermediate Jazz Dance

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Further develops students' technical skills and jazz dance vocabulary and exposes them to jazz dance history, dance criticism, contemporary jazz choreographers, and issues in the field. Class includes floor, center, traveling movement, as well as challenging choreographed combinations. Focuses on correct body alignment, musicality, and performance style. Requirements include readings, live off-campus performances, and three papers.

TDF 317 - Musical Theatre Dance

1 semester, 3 Credits

Teaches a variety of musical theatre styles and techniques, from classic to contemporary. Students will learn the choreography and history of a number of different Broadway artists. Class will include a thorough jazz warmup, across-the-floor progressions, and intermediate and advanced-level combinations. Students will view and critique a live musical. *Prerequisites: prior dance experience recommended.*

TDF 319 - History of Dance

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts; Writing II

Examines the history of Western concert dance including ballet, modern, and jazz/musical theatre. Beginning in ancient times and continuing to the present, it studies artists and cultural phenomena important in the development of contemporary dance in the U.S. Considerations of race, gender, age, and physical ability are included. *Prerequisite: Any dance course or permission of instructor.*

TDF 320 - Women in the Arts, 1960-Present

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Examines the contributions of women to the arts through an analysis of prominent and influential works in the visual, performing, and literary arts. Each artist's work is considered, not only in and of itself, but also as representative of its media and against a backdrop of historical, sociological, and political circumstances surrounding female achievement. *Same as ARH 320 and WMS 320.*

TDF 321 - Screenwriting

1 semester, 3 Credits

Introduces students to the craft of storytelling through the screen script format. Analyzes the three-act story structure and award-winning scripts. Exercises in script writing help students develop the first act of their own original screenplay. *Prerequisites: TDF 120, 121, 226, or 322.*

TDF 322 - Film Theory

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

The study of various theories of film, auteur, realism, surrealism, etc. with close attention to the relationship of film to director and to spectator, and the transference of meaning and emotion. Students construct their own theories as a product of the course. *Prerequisites: TDF 120, 121, 220, or 226.*

TDF 323 - Women in Film

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Considers three areas where women have contributed significantly to film production, technique, and analysis. The history of women film directors is presented. Genres produced for women consumers in the classic Hollywood period are considered. Contemporary film theory and the meaning found in films from a feminist perspective will be examined.

Same as WMS 323. Prerequisite: 100 or 200-level course in WMS or film.

TDF 324 - Film Noir and the Noir Novel

1 semester, 3 Credits

Investigates the "dark cinema" that flourished in the 1940's and 1950's, as well as its literary antecedent, the "roman noir." Examines important examples from both genres; students analyze and participate in the critical debates about the nature of noir. Understanding this genre leads students to see how audiences develop expectations about a given work. *Same as ENG 391.*

TDF 328 - Film/Video Production

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

The main focus in this hands-on course is to acquaint students with video equipment and the production process. An introduction to camera techniques and editing, considered within the context of story development and script, is provided. Each student produces a personal video project. *Requires an additional video production lab fee.*

TDF 370 - Special Topics in Dance

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Primarily a studio practicum, with two-thirds of class time devoted to dancing, and one-third devoted to academics related to the particular style of dance studied. Course requirements include viewing live dance performances and videotapes, readings, writing dance critiques, and a research paper. May be repeated once for credit as topics vary.

TDF 405 - Principles of Playwriting

1 semester, 3 Credits

Designed to introduce students to the structural elements of writing for the stage. Narrative techniques, dialogue, plot progression, character development, and theatricality are examined in a selection of contemporary American plays and also studied in relation to original dramatic works written by students in the class.

TDF 407 - Children's Theatre and Creative Drama

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Designed to introduce students to the play methods and theories of creative drama and children's theatre. Focuses on ways in which creative drama can be incorporated into structured learning situations to enhance natural performing ability. Evolves into an exploration of theatre production and performance technique by and for children.

TDF 408 - Production

1 semester, 3 Credits

Offers theatre students an intensive experience in a specified area of theatrical production. Working individually with a faculty member, students design, develop, and execute a creative project. In conjunction with this course, an internship at Trinity Repertory Company is available for interested and eligible theatre students. *Prerequisite: Permission of chairperson.*

TDF 409 - Production

1 semester, 3 Credits

Offers theatre students an intensive experience in a specified area of theatrical production. Working individually with a faculty member, students design, develop, and execute a creative project. In conjunction with this course, an internship at Trinity Repertory Company is available for interested and eligible theatre students. *Prerequisite: Permission of chairperson.*

TDF 410 - Children's Dance

1 semester, 3 Credits **Core Foundation/Proficiency:** Fine Arts

Exposes students to dance pedagogy for children in grades K-8. Students develop age-appropriate expertise in creative movement and dance, and have the opportunity to work with children in Providence schools. Dance as an art form and the role of dance in education is studied. No dance experience required.

TDF 428 - Advanced Video Production

1 semester, 3 Credits

Provides students an opportunity to produce a narrative or documentary video that expresses a personal point of view. Pre-production, production, and post-production phases of each project are monitored by the student maintaining a journal. The process of production is considered as well as the final product. *Prerequisite: TDF 328. Requires an additional video production lab fee.*

TDF 460 - Tutorial

1 semester, 3 Credits

Open to junior and senior theatre majors and minors. Small groups of students have the opportunity to explore in depth an advanced topic in the field outside of the regular departmental offerings. Specific topic and meeting-time series are determined in consultation with faculty member and department chair. *Prerequisite: Permission of chairperson.*

TDF 470 - Special Topics in Theatre/Studio

1 semester, 3 Credits **Core Foundation/Proficiency:** Oral Communication

An opportunity for in-depth study not found in the regular curriculum. Follows a performance/studio format, with a focus on acting and performance. Students study theory, criticism, and literature. May be repeated for credit as topics vary. *Prerequisite: TDF 109. For juniors and seniors only.*

TDF 473 - Special Topics in Film/Video: Text

1 semester, 3 Credits

Provides a classroom environment along with a lab for film viewing. Explores film history, theory, and analysis in areas not covered by ordinary offerings. Lecture, discussions, readings, and papers supplement viewing films. May be repeated for credit as topics vary.

TDF 480 - Theatre Seminar

1 semester, 3 Credits

An intensive study and discussion of one aspect of theatrical activity or selected topics drawn from dramatic literature. Specific content determined on a yearly basis by the special skills and interests of instructor and students.

TDF 483 - Musical Theatre: Advanced Analysis & Performance

1 semester, 3 Credits

Explores specific areas within musical theatre in depth, and focuses on both academic and performance work. Students will expand knowledge of particular aspects of musical theatre history and repertoire through readings and analytical study of musical scores and play scripts. Students will apply their findings through performances, providing musical and dramatic interpretations of specific songs and scenes. *Same as MSC 483. Prerequisites: TDF 109, MSC 101 or 201, and TDF 206.*

TDF 490 - Independent Study in Dance

1 semester, 1-3 Credits

Open primarily to junior and senior dance minors. The student is provided the opportunity to explore advanced topics in dance outside of the regular departmental offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson.

Prerequisite: Permission of chairperson.

TDF 491 - Independent Study in Dance

1 semester, 1-3 Credits

Open primarily to junior and senior dance minors. The student is provided the opportunity to explore advanced topics in dance outside of the regular departmental offerings. The number of credits is determined by consultation with the faculty member responsible for the project and the chairperson.

Prerequisite: Permission of the chairperson.

TDF 492 - Senior Capstone Project

1 semester, 3 Credits

In-depth study in a particular area of theatre which synthesizes learning from various courses and production experiences as a culmination of the theatre major's experience, with the guidance of an advisor. The project may result in a performance, design, paper, original script, or other output in keeping with the topic. *For senior theatre majors only.*

TDF 493 - Independent Study in Film/Video

1 semester, 3 Credits

Offers additional in-depth video production and screenplay writing opportunities. A one-on-one supervisory environment allows students to create videos and scripts designed for social media, product advertisements, short videos and scripts for big screen as well as hand-held device distribution. Production values, story sense and audience connections are considered for achieving quality work. May be repeated once for credit as topics will vary. *Prerequisite: One of the following: TDF 120, 121, 226, or 322; limited to Juniors and Seniors.*

WMS 323 - Women in Film

1 semester, 3 Credits **Core Foundation/Proficiency: Fine Arts**

Considers three areas where women have contributed significantly to film production, technique, and analysis. The history of women film directors is presented. Genres produced for women consumers in the classic Hollywood period are considered. Contemporary film theory and the meaning found in films from a feminist perspective will be examined. *Same as TDF 323. Prerequisite: 100 or 200-level course in WMS or film.*

Theology

THL 200 - Foundations of Theology

1 semester, 3 Credits **Core Foundation/Proficiency: Theology**

An historical and systematic study of theology: its relation to its sources, methods of theology, and chief theological systems. One or two characteristic theologians will be studied for their methods and doctrines. *Course not open to first semester freshmen.*

THL 210 - Biblical Theology

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

The major theological themes of the Old and New Testament: covenant, creation, and human person made in the image of God, flawed by sin and redeemed by the fullness of the triune God's saving act in Jesus Christ. Also examined are the different genres in the scriptures and Church documents on biblical inspiration and interpretation. *Course not open to first semester freshmen.*

THL 220 - New Testament: Literature & Theology

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A survey of the literature that is the source of all Christian belief, theology and moral practice; treating the major theological and ethical teachings of Paul, the gospels, and Acts; and the other New Testament writings. *Course not open to first semester freshmen.*

THL 240 - Theology of St. Thomas Aquinas

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A study of the principal works of St. Thomas Aquinas, the place of Aquinas in medieval history, and the development of theology, the chief elements of his method. Special tracts of the *Summa Theologica* will be read, analyzed, and discussed. *Course not open to first semester freshmen.*

THL 270 - Growth in Christian Life

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

Examination of the life of grace through its beginning in baptism; its growth through sacrament, liturgy, prayer, and the moral life; and its fulfillment in the union of friendship with the Father, Son, and Holy Spirit. This study is conducted in light of the witness of Scripture and the Catholic tradition, the experience of faith, and the challenge of theology. *Course not open to first semester freshmen.*

THL 312 - Old Testament/Hebrew Scripture

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A survey of the literature that is the foundation of the Judaeo-Christian tradition, providing a critical and historical background, and exposing the major beliefs and moral convictions found in the Old Testament. *Prerequisite: Completion of 200-level theology core course.*

THL 314 - The Prophets

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A chronological study of the prophetic writings of Ancient Israel, especially the themes of covenant, salvation history, Messianic expectations, and eschatology. This course will examine both the original message of the prophets and their relevance for contemporary readers. *Prerequisite: Completion of 200-level theology core course.*

THL 322 - The Synoptic Gospels

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A special treatment of the Gospels of Matthew, Mark, and Luke — their distinctive literary structures and theologies, and detailed exegesis of selected passages. *Prerequisite: Completion of 200-level theology core course.*

THL 323 - The Canonical Gospels

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

Introduction to the four canonical Gospels of the New Testament and the analytical methodologies that will enable students to read them from various perspectives: historical, literary, and theological. A consideration of the gospels within the context of the Greco-Roman world and ancient Judaism; theories of source, form, and redaction criticism; and exegetical considerations for understanding Christian theology and practice. *Prerequisite: Completion of 200-level theology core course.*

THL 326 - The Johannine Literature

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A study of the literary and theological characteristics of the writings of John, the relation of the Gospel to the Synoptic tradition, and the book of Apocalypse. *Prerequisite: Completion of 200-level theology core course.*

THL 328 - The Letters of St. Paul

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A detailed study of the principal letters of Paul with special emphasis on his teaching about law and grace, justification, the resurrection of Jesus, the Body of Christ, the Church, and the cosmic Christ. *Prerequisite: Completion of 200-level theology core course.*

THL 330 - Early Christian Doctrines

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A study of the development of Christian faith in the centuries between the death of the apostles and the death of Augustine. Topics include the Trinitarian and Christological controversies, the Donatist and the Pelagian teaching, and the Christian response to the challenges of each. *Prerequisite: Completion of 200-level theology core course.*

THL 332 - The Theology of St. Augustine

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A study of St. Augustine's theology through extensive readings in primary texts, such as doctrinal treatises, biblical commentaries, and polemical writings. Explores the themes characteristic of Augustine's theology, including creation, sin, Christ, grace, and redemption, as they emerge and develop in the historical and intellectual setting of the Classical world of late antiquity. *Prerequisite: Completion of 200-level theology core course.*

THL 336 - Reformation Theology

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A historical and doctrinal consideration of the sources, development, and contemporary belief of Protestantism. Topics include Luther and Calvin and the Reformation, the Council of Trent, the English tradition, the Free Churches, Puritanism, the Pietist Movement, Methodism, and the American religious experience. Students who earn credit in HIS 324 may not enroll in this course. *Prerequisite: Completion of 200-level theology core course.*

THL 342 - American Religious Experience

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

An historical and thematic approach to the phenomenon of religion in the United States — the historical development of the four great religious families: Protestant, Catholic, Orthodox, and Jewish; tensions between these families; the ecumenical movement; and the growth of "civil religion" and its dogmas, liturgy, and morals. Also explores selected themes in the sociology of religion in the United States. *Prerequisite: Completion of 200-level theology core course.*

THL 346 - Contemporary Christian Thought

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A review of several theological themes raised in theology today with diverse responses given to these by Christian theologians both Catholic and Protestant, e.g., God, Christ, Church, faith, discipleship, and salvation. *Prerequisite: Completion of 200-level theology core course.*

THL 350 - Christ, Word and Redeemer

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A study of the chief themes of Messianic expectation and their fulfillment in Christ, the development of biblical revelation of Jesus in the Gospels, St. Paul and St. John, and a study of the central doctrines of salvation in biblical and systematic theology. *Prerequisite: Completion of 200-level theology core course.*

THL 352 - Theology of the Human Person

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

A study of the human person in the light of revelation; the creation accounts and their doctrinal content; the nature and powers of humans; sin and its effects; freedom, harmony of revealed, and philosophical views of persons. *Prerequisite: Completion of 200-level theology core course.*

THL 354 - Church in Today's World

1 semester, 3 Credits

The nature of the Catholic Church as a community of believers in Christ, its structure and sacramental character, and its mission to sanctify the world, witness to the dignity of the human person, and engage in ecumenical and interreligious dialog. The principle texts will be *Lumen Gentium* and *Gaudium et Spes*. *Prerequisite: Completion of 200-level theology core course.*

THL 357 - Jews and Christians in Dialogue: A Shared and Disputed History

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity, Theology

Introduces the theology and history of Jewish-Christian relations through the key beliefs, practices, texts, and events in antiquity, which have defined each tradition and its relation to the other. Explores the factors which led to the parting of the two faiths, the painful and contentious relationship between Jews and Christians, and recent initiatives to redefine that relationship. *Prerequisite: Completion of 200-level theology core course.*

THL 358 - The Church and the Major World Religions

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Theology

A study of Christianity's understanding of its relation to other religions; the theological self-understanding of four major world religions (Judaism, Islam, Buddhism, and Hinduism) presented through their texts, histories, and forms of life; and the theological doctrines of these major world religions in dialog with Christian faith. *Prerequisite: Completion of 200-level theology core course.*

THL 360 - The History and Theology of the Papacy

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

An exploration of both the history of the papacy and the theological issues surrounding its affirmation by Roman Catholics and the ecumenical questions raised by Eastern Orthodox and Protestant Christians. Special attention given to the ways that these theological concerns have been, and continue to be, tied to the ongoing historical development of the Petrine ministry. *Prerequisite: Completion of 200-level theology core course.*

THL 362 - The Sacraments

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

The general themes of sacramental theology are treated in their contemporary formulation with emphasis on personalist categories of development. Explores sacraments as symbols, the ecclesial dimension of sacraments, and the ways in which Christ instituted the sacraments. The course is completed by a study of the three sacraments of initiation: baptism, confirmation, and the Holy Eucharist. *Prerequisite: Completion of 200-level theology core course.*

THL 363 - New Testament in the Eternal City

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

Survey of the literature and theology of the New Testament within the context of the Roman world. Part of the core experience of the semester in Rome, students will be introduced to the modern scholarly methods of biblical studies to foster a comprehensive understanding of the origins and spread of Christianity through classroom and onsite learning. *Required for the CEA/Providence Center for Theology and Religious Studies in Rome.*

THL 370 - Principles of Moral Decision

1 semester, 3 Credits

The basic structure of morality as contained in the Sacred Scripture and the Fathers; its scholastic elaboration; the final end of man, the moral act, and absolutes in moral theology; contemporary

construction of the moral act; and freedom. *Prerequisite: Completion of 200-level theology core course.*

THL 372 - Contemporary Moral Problems

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

Moral issues of concern today (including love, sexuality and reproduction, health care and euthanasia, peace and justice, etc.) presented and discussed in light of the truth about human origins, nature, destiny, and dignity taught by the Catholic Church. *Prerequisite: Completion of 200-level theology core course. Open to juniors and seniors only.*

THL 373 - Global Catholicism

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Theology

Explores how Catholic Christianity is lived and expressed in the non-western cultures of Africa, Asia, Latin America and Oceania. Focuses on the writings of representative theologians of each region and Christianity's impact on their particular culture and social issues. Different assumptions and mindsets of cultures will be a major pedagogical focus of the course. *Prerequisite: Completion of 200-level theology core course.*

THL 374 - Theological Ethics for Business and Economics

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

Addresses the needs of students who are eager to learn about the relevance and use of theology in business and economics. Analyzes the moral foundations of economic agency by studying Sacred Scripture's teachings on economic life and by assessing the similarities and differences in Christian, non-Christian, and philosophical economic and business ethics. *Prerequisite: Completion of 200-level theology core course.*

THL 375 - Global Service in Solidarity

1 semester, 4 Credits **Core Foundation/Proficiency:** Civic Engagement; Diversity; Theology

Introduces the concepts of the common good, solidarity, and subsidiarity as drawn from the broader body of Catholic social thought and as developed in the Christian theological tradition. Requires an international service-learning component and theological reflection upon that experience, in light of course readings. *Prerequisite: Completion of a THL 200-level course.*

THL 376 - Catholic Social Thought

1 semester, 3 Credits **Core Foundation/Proficiency:** Civic Engagement; Theology

An introduction to the social documents of the Catholic Church in the modern era. This course presents a synthesis of the methodology, the anthropology, and the principles used by the Church in its moral reflection on the various social problems of our day. *Prerequisite: Completion of 200-level theology core course.*

THL 378 - Theology and Political Life

1 semester, 3 Credits **Core Foundation/Proficiency:** Theology

An exploration of contemporary political issues in light of traditional Christian claims (biblical,

historical, and doctrinal) regarding the nature and purpose of political life, including claims about justice, the common good, religious freedom, the nature of citizenship, and the relationship between Church and state. *Prerequisite: Completion of 200-level theology core course.*

THL 380 - Prayer and the Liturgical Life

1 semester, 3 Credits

Brings together various facets of theology, church history, and church architecture in exploring community prayer, especially that of the Eucharist. Examines humanity's need for meaningful signs, symbols, and rituals that incorporate prayer through readings, discussions, videos, slides, etc.

Prerequisite: Completion of 200-level theology core course.

THL 386 - Marriage: A Theological Approach

1 semester, 3 Credits **Core Foundation/Proficiency: Theology**

An analysis of marriage within the context of the Christian tradition: the reality of interpersonal love; the meaning and value of the sacrament of matrimony; human sexuality and Christian attitudes; marital spirituality; and contemporary marital problems. *Prerequisite: Completion of 200-level theology core course.*

THL 440 - Mystery of God

1 semester, 3 Credits

The biblical evidence, patristic development, and scholastic systematic study of the doctrine of God, His existence and attributes, and the current question of the knowability of God. *Prerequisites: Completion of the theology core requirements.*

THL 443 - Advanced Study of St. Thomas

1 semester, 3 Credits

An in-depth examination of selected topics in the theological teaching of St. Thomas, such as God as Trinity, creation, moral action, Christology, redemption, contemporary controversies, etc. This course enriches the student's prior exposure to the theology of St. Thomas. *Prerequisites: Completion of the theology core requirements.*

THL 470 - Special Topics in Theology

1 semester, 3 Credits **Core Foundation/Proficiency: Civic Engagement**

Focuses on particular theologians, theological topics or issues, or periods in the history of theological development not otherwise covered in the theology curriculum, but that pertain to current events, the interests of students, and/or the research of faculty. An emphasis on reading primary texts, discussion in seminar, and writing a substantial research paper (20 pages). *Prerequisites: Completion of the theology core requirements.*

THL 480 - Major Seminar

1 semester, 3 Credits **Core Foundation/Proficiency: Writing II**

Research and critical discussion on a topic or topics selected on the basis of the students' present interests and future needs as a capstone course.

THL 481 - Major Seminar

1 semester, 3 Credits **Core Foundation/Proficiency:** Writing II

Research and critical discussion on a topic or topics selected on the basis of the students' present interests and future needs as a capstone course.

THL 490 - Independent Study

1 semester, 3 Credits

Designed to permit students to engage in intensive reading or original research in theology under the direction of one or more members of the department. Topics for investigation and a detailed program of objectives and proposed methods must be arranged between the student and his/her advisor(s) prior to registration.

Women's Studies

WMS 101 - Introduction to Women's Studies

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Interdisciplinary survey of major concepts and theories in the academic field of women's studies. Explores material from the sciences, social science, literature, and the arts; describes women's position in contemporary society; explains causes and consequences of this position; discusses approaches to change; and emphasizes the importance of gender, race, class, ethnicity, and physical condition within women's lives.

WMS 224 - Women and Music

1 semester, 3 Credits

Focuses on the musical education of women and their involvement in music from the Middle Ages through the present time. The variety of music careers, including composing, performing, and teaching, will be emphasized. *Same as MSC 224.*

WMS 227 - Genes and Gender

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Explores the role of genetics and biology of gender. A review of both classical and molecular genetics will provide a basis for consideration of the extent to which gender is determined by genes and their regulation. Additionally, the course will focus on the extent to which transcription and translation of genes produce sexual dimorphism and gender specific human behavior. *Intended for Biology majors who have completed BIO 103-104. Open to non-BIO majors who have sufficient background with permission of the instructor. Same as BIO 227.*

WMS 260 - Women in Dance and Sport

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Women have made tremendous strides in both dance and sport over the last century. Studies the achievements of and challenges to women in these fields, with a focus on contemporary artists and

athletes. A historical background will provide the foundation for analysis of current issues. *Same as AMS 260 and TDF 260.*

WMS 280 - Violence Against Women

1 semester, 3 Credits

Examines the institutional context of this social epidemic. Issues of race, age, and sexual orientation are explored, as the scope, prevalence, forms, and consequences of violence against women are examined. While the focus is intimate partner violence, broader issues of sexual assault, human trafficking, etc. will be incorporated, as will prevention, intervention, policy, and the criminal justice system's response. *Same as SWK 280.*

WMS 301 - Current Issues

1 semester, 3 Credits

Offers an in-depth examination of specific contemporary problems, their scope, policy implications, practice issues, and the role of social work in addressing these. Recent offerings include Violence Against Women (examines the problem of violence against women as a major social problem which warrants an organized societal response); International Human Services (explores the international sociopolitical and global economic contexts for the delivery of human services); Substance Abuse (examines the legal and illegal drugs of abuse, neuroscience of addiction, and treatment modalities); HIV-AIDS in the 21st century (introduces a conceptual framework for understanding the medical, scientific, political, legal, social, psychological, and ethical dilemmas associated with HIV/AIDS and society's response to the AIDS pandemic). *In certain semesters, this course is cross-listed with GST 301 and/or WMS 301.*

WMS 303 - Sociology of the Family

1 semester, 3 Credits

Family patterns and processes in selected societies. Uniformities and variations in structures are considered. The family is analyzed as a social institution and as a form of intimate behavior. Various alternatives to the family are explored, and issues related to human sexuality and gender-role behavior are examined. The course will focus on race, class, and gender. *Same as SOC 301.*

WMS 320 - Women in the Arts, 1960-Present

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

Examines the contributions of women to the arts through an analysis of prominent and influential works in the visual, performing, and literary arts. Each artist's work is considered not only in and of itself, but also as representative of its media, and against a backdrop of historical, sociological, and political circumstances surrounding female achievement. *Same as ARH 320 and TDF 320.*

WMS 324 - Sociology of Gender

1 semester, 3 Credits

Analyzes the social, cultural, political, and economic roles of women and men cross-culturally and historically in societies such as the United States, Europe, the former Soviet Union, China, Latin America, the Middle East, and certain small subsistence-level societies. Structural and cultural causes, and consequences of different forms of gender stratification are emphasized. *Same as SOC 324.*

WMS 326 - Contemporary Women Philosophers

1 semester, 3 Credits

An in-depth investigation of selected women philosophers and their contributions to contemporary thought. The course may include the study of philosophers such as Elizabeth Anscombe, Simone de Beauvoir, Simone Weil, Hannah Arendt, and Edith Stein. *Same as PHL 326.*

WMS 352 - Global Feminisms in the Age of Empires and Beyond

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

Addresses the relationship between feminism, colonialism, and post colonialism. The legacies of the unequal relationship between Western and non-western feminists often weighed heavily on emergent feminisms in postcolonial societies, and feminism took on new forms in response to those legacies. Course incorporates historiography, literary fiction, and film focused on the British and French empires. Not open to freshmen. *Same as GST 352 and HIS 352.*

WMS 353 - The Victorian Age

1 semester, 3 Credits

Social reform, shifting perceptions of religion and science, expanding empires, and aesthetic experimentation defined the Victorians and produced new literary genres. Thematic emphasis of this course varies but always connects Victorian literature and its social context. Authors combine the canonical (Dickens, Tennyson, the Brownings, Wilde) with pioneers of sci fi, detective fiction, and children's literature (Wells, Conan Doyle, Carroll, etc.). *Same as ENG 353.*

WMS 354 - Nineteenth-Century British Novel

1 semester, 3 Credits

Focuses on 19th-century novels in a variety of styles: realistic, Gothic, sensationalistic, comic, and horror. Students will investigate how these novels fit, develop, or disrupt novelistic conventions and social expectations of their day, particularly those concerning social class, gender roles, and imperialistic British nationality. Major authors may include Austen, Dickens, Eliot, the Brontës, Trollope, Collins, and Stoker. *Same as ENG 354.*

WMS 376 - Toni Morrison

1 semester, 3 Credits **Core Foundation/Proficiency: Diversity**

Examines a selection of novels by the 1993 Nobel laureate Toni Morrison. Analyzes her dialogue with African American and American history, with an emphasis on individual and communal trauma, memory, and healing. Selected, accessible Morrison scholarship will be studied as well, with a focus on race, class, and gender, and on Morrison's strategies as a creative writer. *Same as AMS 376, BLS 376 & ENG 376.*

WMS 380 - Gender and Politics

1 semester, 3 Credits

A study of the political significance of the treatment, roles, and status of women, with emphasis on the United States. Examination of the meaning of gender, sexism, and feminism. *Same as PSC 380.*

WMS 413 - The Power of Whiteness

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Historical development of "whitenesses" within the context of colonialism, slavery, imperialism and globalization, and their aftermaths as a way of understanding the cultural environments and processes of ethno-racial and gender-sexual identity formation today. Hegemonic whiteness is deconstructed and challenged. Whiteness is examined as an unnamed, unmarked category, "whites are just normal," that carries powers and privileges. *Same as AMS 413, BLS 413, and SOC 413.*

WMS 418 - Globalization and Social Justice

1 semester, 3 Credits

With the fall of socialist states, capitalist markets, economic relations, and consumerism have become global. Examines the political, cultural, and economic origins, consequences, and responses (with specific concern for the prospects for social justice, democracy, and equality) in the rich and poor countries of the world; impacts on workers; ecological, resource, and environmental implications; and anti-corporate globalization resistance movements. *Same as AMS 418, GST 418, and SOC 418.*

WMS 425 - African-American Women

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity

Focuses on sociological analyses of the constructions and reconstructions of African-American women, examining the interrelationships of gender, race, caste, class, racism, and sexism in the United States, past and present. Topics include the family, male-female relations, poverty, discrimination, social movements, with particular emphasis on origins, consequences, social and individual changes and resistance to change, sociological, and feminist theories. *Same as AMS 425, BLS 425, and SOC 425.*

WMS 445 - The Consumer Society

1 semester, 3 Credits

Consumption and consumerism are driving forces sustaining the expansionist logic of advanced capitalism and globalization. Consumption of commodities has become the basis for the formation of ever-changing individual and group identities. Examines the historical development of consumerism, theoretical approaches to understanding the political, social, economic, individual, and very importantly, the environmental consequences of consumerism. *Same as AMS 445, GST 445, and SOC 445.*

WMS 447 - Women and Crime

1 semester, 3 Credits

An in-depth look at a seemingly rare phenomenon-the participation of women in crime. First seen only as victims of crime, increased attention has focused on women as criminal offenders and found that their participation in crime both mimics and differs from that of men. In addition, although the roles of crime offender and crime victim overlap generally, the connection between victimization and offending is particularly strong for women. This course examines women as criminal offenders AND victims, and examines the complex pathways between these roles. *Same as SOC 447.*

WMS 451 - Women and Family Issues Internship

1 semester, 3 Credits

Offers students interested in Women's Studies an opportunity to use their academic knowledge and relevant skills by working in a local agency/organization. Students must have an appropriate site location in place prior to the start of the semester in which they enroll in the internship. *Same as SOC 451. Prerequisite: Junior or senior standing.*

WMS 470 - Special Topics in Women's Studies

1 semester, 3 Credits

A seminar setting involving in-depth analysis of topics of contemporary interest in the interdisciplinary field of Women's Studies, these courses are offered at the discretion of the director in consultation with the WMS Executive Committee. Offerings include: Fairytales, Fantasy, and Feminism; Feminism and Popular Culture; Gender, Health, and Technology; Gender, Race, and Public Policy; Masculinity, Femininity, and the Body in Popular Culture; Toni Morrison; Women and Service; Women and the Media, etc.

WMS 489 - Capstone Seminar: Issues in Women's Studies

1 semester, 3 Credits

A requirement for the major or the minor in Women's Studies, the Capstone Seminar focuses on all the theory, research, and reading WMS students have experienced on issues and topics that vary by semester. Offers a culmination of WMS study, research, writing, and collaborative work and presentations in a seminar setting. *Prerequisite: WMS 101.*

WMS 490 - Independent Study in Women's Studies

1 semester, 3 Credits

Allows advanced students to pursue, in depth, a topic in the interdisciplinary field of women's studies under the direction of one or more WMS faculty members. Proposals including specific objectives are submitted in writing and approved by the director prior to course registration. Satisfies the WMS elective in either social sciences or humanities. *Prerequisites: WMS 489 and permission of sponsoring faculty member(s).*

Faculty Listings & Program Information

School of Arts & Sciences

Contact Information

Phone: 401.865.2600

URL: <https://arts-sciences.providence.edu/>

Location: Ruane Center for the Humanities 147

Sheila Adamus Liotta, Ph.D., Dean

Joan R. Branham, Ph.D., Associate Dean

Introduction

As the home of the arts and sciences programs, the School of Arts & Sciences is central to the Providence College mission and identity as a liberal arts institution. Programs of study offered through the School of Arts & Sciences support the College's mission of fostering academic excellence through the humanities, fine arts, social sciences, and natural sciences, while cultivating intellectual, spiritual, ethical, and aesthetic values within the context of the Judaeo-Christian heritage. This is accomplished not only through the major and minor programs of study offered, but also through the College's undergraduate core curriculum; the majority of the Providence College core curriculum is offered by programs and departments housed in the School of Arts & Sciences. Therefore, the School has a significant impact on every Providence College undergraduate student, regardless of major.

The School of Arts & Sciences includes 18 academic departments and 9 academic programs that offer undergraduate majors, minors and/or certificates. Graduate degree programs are also available. At present, the School of Arts & Sciences has no special academic policies for students enrolled in its degree programs.

Programs of Study

Undergraduate

Programs of study are offered leading to the degrees of bachelor of arts and bachelor of science.

The bachelor of arts degree is offered with major programs of study in American studies, art history, biology, biology/optometry (3/4 combined program), biology/secondary education, chemistry, chemistry/secondary education, classics, creative writing, economics (including business economics and quantitative economics), English, English/secondary education, French, French/secondary education, global studies, history, history/secondary education, humanities, Italian, Italian/secondary education, mathematics, mathematics/secondary education, music, music education, philosophy, physics/secondary education, political science, psychology, public and community service studies, social science, sociology, Spanish, Spanish/secondary education, studio art, theatre, theology, and women's studies.

The bachelor of science degree is offered with major programs of study in applied physics, biochemistry, biology, biology/optometry (3/4 combined program), biology/secondary education, chemistry, computer science, and pre-engineering (3/2 combined program).

Minors are offered in applied physics, art history, Asian studies, black studies, classics, computer science, dance, economics, evolutionary biology and ecology, film/video, French, German, history, Italian, Latin American studies, mathematics, music, philosophy, political science, pre-health studies, public and community service studies, sociology, Spanish, studio art, systems science, theatre, theology, women's studies, and writing.

Certificate programs are offered in labor-management relations, neuroscience, and public administration. In addition, an Honors Certificate is awarded to students who complete the Liberal Arts Honors Program.

Interdisciplinary and non-departmental courses are offered to enhance the educational experience and allow for a variety of interests and initiatives. Information on general degree requirements is recorded in the section on Academic Policies.

Graduate

Graduate degree programs are available in history, mathematics, and theology.

Programs are offered leading to the degree of master of arts in history, mathematics (teaching), biblical studies, and theology; a program leading to the degree of master of theological studies is also offered. Advanced degree programs are described in the Graduate Catalog.

Development of Western Civilization

Contact Information

Phone: 401.865.2231

Fax: 401.865.1730

Location: Ruane Center for the Humanities 233

The Faculty

Alexander N. Moffett, Ph.D., *Program Director*

Dana L. Dillon, Ph.D., *Associate Director*

The Program

A Providence College education prepares a student to be someone, more than to do something. It prepares students to hear more when they listen, reach deeper when they think, and say more when they speak. The Development of Western Civilization (DWC) program, the cornerstone of our Dominican, liberal arts education and the centerpiece of Providence College's Core Curriculum, is at the heart of this preparation.

When it was first introduced in 1971, DWC was the only program of its kind in the nation. Four decades later, the DWC Program has been revitalized in ways that will develop active, engaged learners, well-prepared to succeed in the 21st century. Anchored in tradition, the revitalized DWC remains unique among core curricula in higher education in terms of its intellectual goals, structure, and pedagogy.

DWC is an intensive introduction to the Humanities with an emphasis on the intellectual sources of Western Civilization. The recently revitalized DWC is a four semester, 16-credit course taken in the freshman and sophomore years, organized around large lecture and small seminar-style classes. It is taught by a team of three faculty members, covering the Ancient, Medieval, and Modern periods of Western Civilization in the first three semesters, followed by a team-taught colloquium in the fourth semester focusing on a contemporary issue within the context of the Western tradition and, often, beyond the West. To facilitate deep reading, careful writing and thoughtful discussion, the seminar size is capped at 15-17 students.

DWC epitomizes interdisciplinary, team-teaching in an intimate environment. Faculty members teaching in the program—predominantly from the disciplines of philosophy, theology, literature and history—are committed to interdisciplinary inquiry and are experienced in collaborative pedagogy. Students are not only exposed to interdisciplinary approaches to enduring questions of human experience, they are asked to speak and write from an interdisciplinary perspective. The intellectual goals of the program include laying the foundation for developing the skills of lifetime learning and the intellectual habits central to the liberal arts. These include deep reading, thoughtful reflection, and articulation of reasoned arguments through an increased emphasis on the *disputed question*—a hallmark of the Catholic and Dominican tradition.

Certificates/Programs of Study

Labor-Management Relations

Certificate

Contact Information

Phone: 401.865.2156

Fax: 401.865.1264

Location: Sullivan Hall 108

The Faculty

Associate Professor

Francis T. O'Brien, M.A., *Director*

The Labor-Management Relations Program is an interdisciplinary program of study and is designed to complement the academic pursuits of a student who is enrolled in a formal concentration. As such, all Providence College students are eligible to participate.

The program consists of six required courses and three elective courses. These courses also may be used to satisfy College or departmental academic requirements. A "C" average is required for successful completion of the program. A special notation on the College transcript will be made for those students who complete the program.

Liberal Arts Honors Program

Certificate

Contact Information

Phone: 401.865.1814

Fax: 401.865.1864

Location: Ruane Center for the Humanities 247

The Faculty

Stephen J. Lynch, Ph.D., *Program Director*

Suzanne J. Fournier, Ph.D., *Associate Director*

Honors Certificate

Honors courses are taught by selected faculty members and Dominican Friars from many departments at the College.

The Liberal Arts Honors Program offers students of high academic ability and initiative a challenging, rigorous, and in-depth Providence College education. The program aspires to develop students as lifelong learners with a broad range of intellectual and professional interests. The program also strives to enrich the cultural and co-curricular experiences of students on and off campus. Students are required to take a minimum of six Honors courses: the four-course sequence of Honors Development of Western Civilization during the freshman and sophomore years, a Colloquium in the junior or senior year, and a minimum of one additional Honors course. Most Honors courses fulfill core requirements, and thus students enjoy plenty of flexibility to pursue any major or double major at the College.

Honors courses require substantially more reading, more writing, and more seminar discussion-and thus students develop greater breadth of knowledge and greater aptitude for critical and creative thinking. Small seminar classes of 12-15 students allow for lively and informed discussions and plenty of interaction among students and faculty.

Honors grades are weighted, so that students earn an additional .17 grade points for each course (though an Honors A is the exception and does not earn more than 4.0). In order to graduate with an Honors Certificate, a student must earn a minimum cumulative grade point average of 3.25.

The Liberal Arts Honors Program fulfills the Core Focus requirement by virtue of completing all requirements for the program.

How to Qualify

Invitations to the Honors Program are extended from the Office of Admission based on the student's application to Providence College. Qualifying students are invited into the program on the basis of the rigor of their high school courses, class standing, recommendations, and sample essays. Students who are not invited as freshmen, however, can apply for admission into the Honors Program after one year of outstanding academic performance at the College.

Neuroscience Certificate Program

Certificate

Contact Information

Biology Department

Phone: 401.865.2585

Fax: 401.865.1438

Location: Sowa Hall 236

Psychology Department

Phone: 401.865.2435

Fax: 401.865.1227

Location: Albertus Magnus Hall 116

The goal of the certificate in neuroscience program is to offer biology and psychology majors the opportunity to participate in an integrated course of study, from the molecular level to gross brain anatomy, focusing on nervous system structures/functions and behavior. An important aspect of the program is engaging students in active, experiential learning in both biology and psychology laboratory settings to explore the frontiers of this modern field and prepare students for careers in neuroscience, biopsychology, and medicine.

The program is available to biology and psychology majors only. Students interested in applying to the program must take BIO 103 - General Biology: Cells and Organisms and BIO 104 - General Biology: Ecology and Evolution during their freshman year. The number of students who will be admitted will be limited to 8 per year (4 from psychology and 4 from biology) and will be chosen by committee, comprised of faculty members from the biology and psychology departments. Students will apply to the program during the second semester of their freshman year by submitting a copy of their first semester grades and a statement of interest by the Tuesday after Presidents' Day. A first-semester minimum GPA of 3.0 will be required to apply to the program but second semester mid-term grades will also be considered in assessing an applicant's academic potential. A statement of interest will be no more than two pages in which applicants will be asked to state their reasons for wanting inclusion in the program, their career goals, their research interests, and how this integrated program will be of greater benefit to them in contrast to being a biology or psychology major alone. Written materials will be used to determine finalists for whom interviews may be conducted by two members of the committee representing each department. Evaluation of written materials (and interview if applicable) will determine final inclusion into the program by consensus of the committee. There will

not be any specific criteria for students' continuation in the program other than their remaining in good standing within their respective departments and in the College.

On the last Friday of September, applications will also be accepted to the program for four additional openings to sophomore double-majors in biology and psychology. This may include unsuccessful freshman applicants or sophomore double-majors who become interested in the program through their coursework. Materials to be submitted will include freshman grades, sophomore fall courses, and a 1-2 page statement of interest as described earlier. Sophomore applicants, as with freshman applicants, will be chosen by members of the biology and psychology departments.

Students will be able to earn the certificate by taking the required courses, even if they have not formally applied to or been accepted into the program provided that there is sufficient space in the Neuroscience Capstone, which has a limit of 20 students. However, students who are enrolled in the program will be given preference for enrollment in the required classes, including being allowed to pre-register in psychology courses consistent with the benefit given to psychology majors currently.

Public Administration Program

Certificate

Contact Information

Phone: 401.865.2434

Fax: 401.865.1222

Location: Howley Hall 318

The Faculty

Professor

William E. Hudson, Ph.D., *Program Director*

Associate Professors

Joseph P. Cammarano, Ph.D.

Matthew P. Guardino, Ph.D.

Assistant Professor

Adam Myers, Ph.D.

The Public Administration Program is a special certificate program to assist students contemplating a career in government service. The required courses, from a variety of disciplines, introduce skills and knowledge preparatory to graduate degree programs in public sector fields, such as the master in public administration (M.P.A.) or master in public policy (M.P.P.) degree.

While the program is open to all students, it has been designed especially to meet the needs of majors in the liberal arts and sciences, particularly those in the social sciences and humanities who may be concerned about the link between their academic major and a subsequent career. The program allows students to acquire public sector relevant skills and knowledge and an understanding of government service as a career option while they benefit from solid preparation in majors and minors in the liberal arts and sciences.

In addition to taking the required courses, program participants will be eligible to attend regularly scheduled extracurricular seminars and presentations about careers and graduate school opportunities in public administration. Students who complete all program requirements receive a Certificate in Public Administration at graduation, and program participation is noted on their transcript.

Anthropology

The Faculty

Assistant Professor

Mintzi A. Martinez-Rivera, Ph.D.

The Program

The program of study in anthropology provides opportunities to study culture, in all of its complexity and forms of expression, in societies ranging from small-scale and technologically simple ones to those that are complex, urban, and technologically advanced. Such study allows students to develop a perception and appreciation of their own culture while becoming aware of the common ground shared by all peoples and cultures.

Courses in anthropology enrich the liberal arts education available at Providence College and help students prepare for further study and for careers in a variety of settings: international affairs and business management, health care and medicine, preservation of cultural resources, public environmental concerns, community development, city planning, education, architecture, and law. Students interested in the Peace Corps, public service, religious service groups, or similar organizations will find the study of anthropology especially useful.

Offered are general elective courses, courses that fulfill general degree requirements of the College, and courses that fulfill requirements of specific programs.

Majors/Minors

Art and Art History

Contact Information

Phone: 401.865.2401

Fax: 401.865.2410

Location: Hunt-Cavanagh 201

The Faculty

Professors

James B. Baker, M.F.A., Emeritus

Alice H. R. H. Beckwith, Ph.D., Emerita

Joan R. Branham, Ph.D.

Deborah J. Johnson, Ph.D.

Rev. Richard A. McAlister, O.P., M.F.A., Emeritus

Ann W. Norton, Ph.D., Emerita

Thomas F. Strasser, Ph.D.

Associate Professors

S. Paul Crenshaw, Ph.D.

James S. Janecek, M.F.A.

Heather McPherson, M.F.A., *Chairperson*

Eric E. Sung, M.F.A.

Assistant Professors

Lynn M. Curtis, M.F.A.

Bing Huang, Ph.D.

The Majors

The Department of Art and Art History offers a program of study leading to a degree of bachelor of arts in studio art or art history.

Art History

Bachelor of Arts

The major in art history is designed for undergraduates interested in a humanistic education, as well as for those who may pursue careers in college-level teaching, research, museums and galleries, historic preservation, and related careers. The art history division emphasizes the historical, cultural, and formal contexts of art. Art history majors begin study in introductory surveys of major artistic achievements from antiquity to the 21st century, and then deepen their knowledge in courses covering individual aspects and periods.

Students are required to take at least one course in each of the following core areas: ancient, medieval, Renaissance, modern, and non-Western; one 400-level seminar; ARH 380 Interpretive Methods; and ARH 498, consisting of the preparation of the thesis in the senior year, which is the culmination of the art history program where students write an original research project that is potentially published in the *PC Art Journal*. In addition, students are encouraged to take a wide variety of art history electives and to develop programs related to individual interests and backgrounds.

Art history majors are required to take two courses in studio art, so that they will experience and appreciate the methodology of the creative artist. Additionally, reading knowledge of French or German is required, which is demonstrated by taking two college-level semesters of either language.

Studio Art

Bachelor of Arts

The studio art program stresses a strong foundation in both the fine arts and the liberal arts on which to build careers in the art field. The student is also prepared for graduate study leading to the M.F.A. in studio art, the M.A.T. in art education, or advanced degrees in various design fields.

By the end of the sophomore year, studio art majors choose a concentration area: ceramics, digital imaging, drawing, painting, photography, printmaking, or sculpture. The studio art major takes courses not only in their field of concentration, but in other studio areas in order to experience and gain knowledge in a wide range of art and media methods. In the second semester of the senior year, with the guidance of the advisor, the studio art major is required to present a thesis exhibition as a culmination of the concentration studies.

Minors: Art History & Studio Art

A studio minor can be earned in one of the following areas: ceramics, digital imaging, drawing, painting, photography, printmaking, or sculpture. The minor requires 21 credit hours of study and must be declared by the end of the junior year. All studio minors participate in a group exhibition in the spring of their senior year.

Biology

Contact Information

Phone: 401.865.2585
Fax: 401.865.1438
Location: Sowa Hall 236

The Faculty

Professors

Rev. Nicanor Austriaco, O.P., Ph.D.
John H. Costello, Ph.D.
Joseph A. DeGiorgis, Ph.D.
Yinsheng Wan, Ph.D.

Associate Professors

Elisabeth Arévalo, Ph.D.
David B. Baier, Ph.D.
Maia F. Bailey, Ph.D.
Patrick J. Ewanchuk, Ph.D.
Rev. Mark D. Nowel, O.P., Ph.D.
Brett J. Pellock, Ph.D.
Jonathan L. Richardson, Ph.D.
Marla B. Tipping, Ph.D.
Charles R. Toth, Ph.D., *Chairperson*
James S. Waters, Ph.D.

Assistant Professors

Laura E. Williams, Ph.D.

The Program

The goal of the biology curriculum is to make students aware of the structure, function, and evolution of life as manifested on the cellular, organismic, and population levels through lecture, formal laboratories, and experiential education (e.g. research and internship).

The faculty of the Department of Biology stress the conceptual approach in course content. A core program is required for all biology majors, which relates the content of the biology courses to the scientific background obtained in chemistry, mathematics, and physics, and provides the opportunity for a wide choice of biology and other elective courses.

Completion of the core meets the usual science requirements demanded for admission to both medical and other professional schools specializing in the health sciences (i.e. veterinary, physical therapy, etc.) and to graduate schools offering advanced degrees in the various research-oriented biological specialties.

The Department of Biology offers a combined degree program with the New England College of Optometry. This program allows completion of the B.A. or B.S. degree in biology and the doctor of optometry degree in seven years.

Students may prepare for careers in teaching at the secondary level by taking additional courses elected from the offerings in the Department of Education and, upon completion, will meet the requirements of the Rhode Island Department of Education and 47 other states for certification for secondary school biology teachers.

Also, students have ample opportunity for experiential learning through faculty-directed laboratory, field research, and internships.

Biology

Bachelor of Arts

The B.A. program allows students sufficient flexibility to explore their breadth of interests and still acquire an in-depth knowledge of the sciences.

Premedical Sciences Preparation

The B.S. and B.A. degree programs meet the science requirements demanded for admission to professional schools specializing in the health sciences such as medicine, dentistry, optometry, nursing, physical therapy and veterinary medicine. However, some students whose interests lie in other areas may elect to major in a non-science department while still successfully completing the prerequisites for medical, dental, veterinary, nursing, physical therapy, or optometry school admission. Students who are planning for a career in the medical sciences should consult with the advisor for health professions early in their freshman year. For more information, please refer to the Premedical Sciences and Health Professions Programs section of this catalog.

Biology/Optometry

Bachelor of Arts

Combined Degree Program with New England College of Optometry

This program is designed for the highly motivated student with a professional goal in optometry. It allows for completion of the B.A. or B.S. degree in biology and the O.D. degree (doctor of optometry) in seven years, rather than the usual eight.

The first three years at Providence College offer a blend of liberal arts, basic, and biological sciences, which will prepare students for professional study. The next four years at New England College of Optometry (NECO) provide the course work required to complete the Providence College baccalaureate degree as well as the professional training required for the doctoral degree in optometry.

The combined program is designed for the academically outstanding student, especially in math and science, who has a strong and realistic motivation toward the optometric profession. Applications are accepted after completion of one semester at Providence College. All applicants are interviewed by representatives of Providence College and the New England College of Optometry.

The Combined Degree Program with New England College of Optometry fulfills the Core Focus requirement by virtue of completing all requirements for the degree(s). This is applicable provided the following:

Students enroll in five (5) course per semester (in addition to any 1-credit requirements), beginning with the second semester of freshman year.

Students will not have any free electives, and will work closely with their faculty advisor to plan course schedules that fulfill all major and Core requirements.

Students will have more flexibility if they are able to fulfill proficiency requirements with courses that also meet major or Core Foundational requirements.

Biology/Secondary Education

Bachelor of Arts

This program of study provides certification in Biology and General Science.

Biology

Bachelor of Science

The B.S. program is designed to meet the needs of students interested in pursuing graduate study or research in the biological sciences, or careers in the health professions or other science-related fields.

Biology/Optometry

Bachelor of Science

Combined Degree Program with New England College of Optometry

This program is designed for the highly motivated student with a professional goal in optometry. It allows for completion of the B.A. or B.S. degree in biology and the O.D. degree (doctor of optometry) in seven years, rather than the usual eight.

The first three years at Providence College offer a blend of liberal arts, basic, and biological sciences, which will prepare students for professional study. The next four years at New England College of Optometry (NECO) provide the course work required to complete the Providence College baccalaureate degree as well as the professional training required for the doctoral degree in optometry.

The combined program is designed for the academically outstanding student, especially in math and science, who has a strong and realistic motivation toward the optometric profession. Applications are accepted after completion of one semester at Providence College. All applicants are interviewed by representatives of Providence College and the New England College of Optometry.

The Combined Degree Program with New England College of Optometry fulfills the Core Focus/Concentration requirement by virtue of completing all requirements for the degree(s). This is applicable provided the following:

Students enroll in five (5) course per semester (in addition to any 1-credit requirements), beginning with the second semester of freshman year.

Students will not have any free electives, and will work closely with their faculty advisor to plan course schedules that fulfill all major and Core requirements.

Students will have more flexibility if they are able to fulfill proficiency requirements with courses that also meet major or Core Foundational requirements.

Biology/Secondary Education

Bachelor of Science

This program of study provides certification in Biology and General Science.

Evolutionary Biology and Ecology

Minor

Provides a strong foundation in organismal and population biology and related disciplines. Strong hands-on component involving course work, laboratory experiences, and field studies. Six required courses, totaling 22-23 credits.

Chemistry and Biochemistry

Contact Information

Phone: 401.865.2379
Fax: 401.865.1438
Location: Sowa Hall 238

The Faculty

Professors

John J. Breen III, Ph.D.
Kathleen A. Cornely, Ph.D.
Paul T. Czech, Ph.D., *Chairperson*
Martin D. Saltzman, Ph.D.

Associate Professors

Sheila Adamus Liotta, Ph.D.
Christopher M. Laperle, Ph.D.
Seann P. Mulcahy, Ph.D.
Kenneth R. Overly, Ph.D.

Assistant Professors

Maria E. Carroll, Ph.D.
Jay D. Pike, Ph.D.

The Major

The Department of Chemistry and Biochemistry offers programs of study leading to the degrees of bachelor of science in chemistry, bachelor of arts in chemistry, and bachelor of science in biochemistry.

The B.A. and B.S. programs may also be combined with a variety of other academic minors and majors including biology, mathematics, and business studies. The B.A. chemistry program is particularly well suited for those planning on seeking admission to medical or dental school as well as other health professions graduate programs. The flexibility within the B.A. offers ample opportunity for inclusion of biochemistry, statistics, psychology, and social science courses required for admission. See the Premedical Sciences and Health Professions Programs section for more information.

Participation in an undergraduate research project guided by members of the faculty is strongly encouraged in all programs. Research is conducted within the College's facilities or at a variety of research institutions across the United States. The results of these original research projects are often presented by students at regional and national meetings of professional societies.

Chemistry

Bachelor of Arts

The bachelor of arts program in chemistry is an extremely flexible one with fewer required courses in chemistry and mathematics offering a wider scope of elective course opportunities, allowing students to tailor a program to meet their individual needs. This flexibility permits additional undergraduate preparation in other diverse areas such as business and economics, biology, mathematics, English, or education. Within the context of the bachelor of arts program, a number of dedicated programs have been developed that prepare students seeking to enter certain specialized careers.

Chemistry/Secondary Education

Bachelor of Arts

This is designed to provide training in all areas of chemistry for those seeking careers as high school chemistry teachers. Students choose elective courses in education, and the combination of chemistry and education courses has been approved by the Interstate Certification Compact and allows the student to meet the certification requirements of the State of Rhode Island and most other states.

Biochemistry

Bachelor of Science

The bachelor of science degree program in biochemistry is a rigorous course of study that combines the chemistry courses required for the bachelor of arts degree with selected courses in biology and biochemistry. The biochemistry degree program is excellent preparation for students interested in medical and dental school as well as students interested in graduate school in biochemistry or molecular biology. Students may earn certification by the American Chemical Society and/or the American Society of Biochemistry and Molecular Biology.

Chemistry

Bachelor of Science

The bachelor of science program in chemistry is designed to provide in-depth training in all areas of chemistry for those students with a strong interest in employment as a professional chemist or entry into graduate school. The program is certified by the American Chemical Society. Students who wish to pursue graduate study are advised to take two mathematics courses beyond the required minimum.

Economics

Contact Information

Phone: 401.865.2194

Fax: 401.865.1264

Location: Sullivan Hall 111

The Faculty

Professors

Rev. Albino Barrera, O.P., Ph.D.

Leo H. Kahane, Ph.D., *Chairperson*

Associate Professors

MaryJane Lenon, Ph.D.

Francis T. O'Brien, M.A.

Assistant Professors

Nestor Azcona, Ph.D.

James B. Bailey, Ph.D.

James D. Campbell, Ph.D.

Fang Dong, Ph.D.

A. Christopher Limnios, Ph.D.

Rev. William Paul Marquis, O.P., Ph.D.

Michael T. Mathes, Ph.D.

The Major

Economics is a broad-ranging discipline both in the questions it asks and the methods it uses to seek answers. It draws upon history, political science, philosophy, sociology, law, psychology, and mathematics in the analysis of social and economic issues.

The Department of Economics offers a broad liberal arts program. The programs of study in the economics department offer the student significant flexibility in course structure; this flexibility allows the student majoring in economics to select courses consistent with his or her career objectives. In addition, the economics major is easily combined with other majors/minors.

The bachelor's degree in economics prepares an individual for either immediate employment in a wide variety of career areas or for postgraduate study in economics, business, law, public administration, or related fields.

Course Requirements and Concentration Options for Economics Majors

Students majoring in economics may choose between three concentration areas: economics, business economics, and quantitative economics. All three concentrations have a common core curriculum that introduce and develop the key tools and theories necessary for the study of economics.

Business Economics

Bachelor of Arts

This major is designed for the student who expects to be working in the business or government sectors of the economy, but wishes to take advantage of liberal arts courses in philosophy, humanities, and social sciences to acquire the flexibility necessary to succeed in new situations and to master new information. This concentration differs from the concentration in economics in the breadth of knowledge required of functional business fields and in the areas of application of economic analysis.

Economics

Bachelor of Arts

This major serves as the core program of the Department of Economics. Its purpose is to prepare the student for entry into a profession as well as for graduate work in economics, business, or related disciplines.

Quantitative Economics

Bachelor of Arts

This major is designed to allow students to develop strong quantitative skills within the context of the economics major. It is a very fruitful course of study for the student who plans to pursue graduate work in economics, business, or other areas in the social sciences. It also prepares students for immediate employment in careers requiring economic research.

Economics

Minor

Engineering-Physics-Systems

Contact Information

Phone: 401.865.2164
Fax: 401.865.1438
Location: Sowa Hall 239

The Faculty

Professors

Stephen J. Mecca, Ph.D.
Joseph E. Robertshaw, Ph.D., Emeritus

Associate Professor

Seth T. Ashman, Ph.D.

Assistant Professors

Michael Thomas Davenport, O.P., Ph.D.
Erich D. Gust, Ph.D.
Lynne M. Lawson, Ph.D.
Theresa A. Moreau, Ph.D., *Chairperson*

The Programs

The Department of Engineering-Physics-Systems offers undergraduate programs designed to prepare individuals for careers in applied science and engineering. Applied physics and multidisciplinary courses of study emphasizing systems science leading to the bachelor of science degree are available. The department has a combined-plan engineering program, which has affiliations with Columbia University and Washington University in St. Louis. For students who are interested in teaching physics at the high school level, a physics/secondary education track which leads to a bachelor of arts degree is also available.

Physics/Secondary Education

Bachelor of Arts

Students interested in teaching at the high school level may prepare by following our physics/secondary education track. Students completing this track of study receive a bachelor of arts in physics with an emphasis in secondary education. The course of study has been carefully crafted to include the courses required for secondary education certification as well as a solid base of knowledge in physics. A student following this course of study would be well prepared to teach physics at the secondary level.

Applied Physics

Bachelor of Science

The Department of Engineering-Physics-Systems offers a cross-disciplinary program in applied physics that combines the traditional physics program with courses in systems science. The program builds skills in problem solving, planning, and technical management while preparing students for a variety of career and/or graduate study options. It is founded on a humanities and technical core curriculum similar to the combined-plan engineering program. Physics, chemistry, mathematics, and computational science form the technical core. The final four semesters provide the courses that are specific to the concentration.

Engineering (3+2 Combined Plan Program)

Bachelor of Science

The combined-plan offers multiple degree opportunities for students desiring to enter the engineering profession. The most popular program is the 3+2 plan in which a student spends three years in a pre-engineering curriculum at Providence College where humanities, science, and mathematics courses are integrated to produce the kind of fundamental background needed for future problem solvers. The final two years of study are spent in an engineering concentration of the student's choice at one of our affiliate universities. Students successfully completing the combined-plan program receive two bachelor of science degrees, one from Providence College and one in engineering from the affiliate school which they attend. The diploma from Providence College is awarded at the end of the fifth year of study, when the student has completed his/her studies at the affiliate school. The engineering concentrations available include: biomedical, chemical, civil, electrical, earth and environmental, industrial or operations research, mechanical, computer engineering, computer science, engineering mechanics, materials science, and applied mathematics or applied physics.

We recognize that our students form many valuable and important friendships during their years at Providence College. To honor these relationships, combined-plan students are invited to participate in the numerous pre-graduation activities with their entering year classmates and to participate in their graduation ceremony. Students interested in engineering may also complete the program on a 4+2 schedule, spending four years at Providence College and 2 years at the affiliate school.

Engineering students follow the pre-engineering curriculum outlined below. Students planning to continue in some specialized areas of engineering such as biomedical, chemical or industrial must complete additional or, in some cases, alternative coursework as prescribed by the affiliated university. For guaranteed admission, a GPA of 3.30 both overall and within the math and science courses is required by Columbia University. For Washington University the minimum GPA is 3.25. In addition, Columbia requires that no individual grade in a math or science course drop below a B on the first attempt.

Systems Science

Minor

English

Contact Information

Phone: 401.865.2292

Fax: 401.865.1192

Location: Ruane Center for the Humanities LL37

The Faculty

Professors

Brian M. Barbour, Ph.D., Emeritus

Chard deNiord, M.F.A.

Charles F. Duffy, Ph.D., Emeritus

Bruce E. Graver, Ph.D., *Chairperson*

John F. Hennedy, Ph.D., Emeritus

Russell M. Hillier, Ph.D.

Peter M. Johnson, Ph.D., Emeritus

Stephen J. Lynch, Ph.D.

Edward P. McCrorie, Ph.D., Emeritus

Jane Lunin Perel, M.F.A., Emerita

John T. Scanlan, Ph.D.
Tuire M. Valkeakari, Ph.D.

Associate Professors

Eric D. Bennett, Ph.D.
Stephanie Pocock Boeninger, Ph.D.
Elizabeth A. Bridgham, Ph.D.
Suzanne J. Fournier, Ph.D.
Margaret Healy-Varley, Ph.D.
William P. Hogan, Ph.D.
Alexander N. Moffett, Ph.D.
Epaphras C. Osondu, M.F.A.
Robert W. Reeder, Ph.D.
Margaret K. Reid, Ph.D.
Raphael Shargel, Ph.D.
Robert E. Stretter, Ph.D.

Assistant Professors

Alison J. Espach, M.F.A.
Mark Pedretti, Ph.D.
Cristina M. Rodriguez, Ph.D.
Chun Ye, Ph.D.

The Majors

The English major requires 30 hours (10 courses) of major course work for graduation in a curriculum designed to help students develop the skills of close reading and analytical writing. The Department of English also serves the College community in a variety of writing courses and in the Development of Western Civilization Program. It serves majors with a wide variety of traditional and creative courses and formats.

The English/Secondary Education major combines prescribed course work in English (10 courses, 30 semester hours of credit) with a minimum of 32 semester hours of credit in secondary education classes, including field experiences and student teaching, to prepare students for high school teaching careers. Enrolled students are required to formally apply for admission to the secondary education program either second semester of the sophomore year or first semester of the junior year.

The Creative Writing major provides students interested in developing their skills as creative writers with introductory and advanced courses in poetry and fiction writing within the context of the English major. In addition to maintaining the literary rigors of the English major at Providence College, this major in Creative Writing provides a pedagogical focus on creative writing, as well as capstone courses that focus on the craft and discipline of poetry and fiction writing. Students participating in this major will complement their critical and reading skills with creative expression in Creative Writing courses taught by established poets and fiction writers.

Creative Writing

Bachelor of Arts

English

Bachelor of Arts

English/Secondary Education

Bachelor of Arts

English

Minor

Writing

Minor

Foreign Language Studies

Contact Information

Phone: 401.865.2111

Fax: 401.865.1112

Location: Sullivan Hall 211

The Faculty

Professors

Rev. Leonard P. Hindsley, Ph.D., Emeritus

Patricia M. Lawlor, Ph.D.

John B. Margenot III, Ph.D.

Giacomo A. Striuli, Ph.D.

Associate Professors

Alison Caplan, Ph.D., *Chairperson*

Salvatore Cappelletti, Ph.D.

Edgar Mejía, Ph.D.

Monica Simal, Ph.D.

Assistant Professors

Cyrielle Faivre, Ph.D.

Ana Cecilia Iraheta, Ph.D.

Javier I. Mocarquer, Ph.D.

The Program

The Department of Foreign Language Studies offers students the opportunity to study foreign languages and cultures as an integral part of their liberal arts education. Two semesters of the same foreign language fulfill the Core Focus Requirement at Providence College. Please consult the College website for a list of classes that fulfill core foundation or proficiency requirements.

A student may elect a major in French, Italian, or Spanish as well as a major in conjunction with the Secondary Education Program in preparation for a career as a foreign language teacher at the secondary level. Students may choose to declare a double major, linking their language major with a major in another field, such as art history, biology, global studies, health policy and management, and political science among others.

Students may elect to minor in German, French, Italian, or Spanish to complement their major field of study and thereby strengthen their employment potential. Other language offerings include Arabic

and Chinese. In addition, specially designed programs of language study can be created to suit the needs of individual students. Courses are conducted in the target language unless specified otherwise.

The Association of Independent Colleges and Universities of Rhode Island (AICU Rhode Island) offers a Language Consortium program to students currently enrolled full-time in an undergraduate degree program at one of Rhode Island's private institutions of higher education (Brown University, Bryant University, Johnson and Wales University, Providence College, Roger Williams University, and Salve Regina University). This program gives our students the opportunity to enroll at any of the consortium schools (on a "space available" basis) in language courses which are not offered at the home institution.

As part of its programs, the Department of Foreign Language Studies strongly encourages students to study abroad and offers advice on summer, semester, or academic-year language programs worldwide.

An online placement test is required for incoming freshmen interested in pursuing the study of French, Italian, or Spanish and should be completed prior to Summer Orientation. Students who do not enroll in a language course during the freshmen year are also required to take or retake the language test to ensure an accurate placement according to level of proficiency.

Foreign Language Studies

Bachelor of Arts

Options: French, Italian, or Spanish

Foreign Language/Secondary Education

Bachelor of Arts

Options: French/Secondary Education, Italian/Secondary Education, or Spanish/Secondary Education

Foreign Language Studies

Minor

A minor is fulfilled by the successful completion of 18 credits/semester hours of course work in the target language, in a progressive sequence beginning at a level determined by the department to be appropriate for each individual student.

Global Studies

Contact Information

Phone: 401.865.2048

Fax: 401.865.1206

Location: Feinstein Academic Center 315

The Faculty

Professor

Nuria Alonso García, Ph.D. (Global Studies/Secondary Education), *Chairperson*

Nicholas V. Longo, Ph.D. (Global Studies/Public and Community Service Studies)

Associate Professors

Kara B. Cebulko, Ph.D. (Sociology/Global Studies)

Assistant Professors

Susan Griffith-Grossman, D.S.W. (Social Work)

Natoschia Scruggs, Ph.D.

Trina Vithayathil, Ph.D. (Global Studies)

Bachelor of Arts

Students interested in worldwide societies and cultures, international markets, and governments will find in the global studies major leading to a bachelor of arts degree an inspiring course of study for exploring and understanding our multifaceted and rapidly changing world.

The global studies major offers students an interdisciplinary global perspective on social, economic, and political issues, and prepares them to become responsible citizens, critical thinkers, and creative individuals with an ability to resist social prejudice and act in an interdependent world.

The global studies major draws on concepts from disciplines across the humanities, political science, and economics to allow students to learn more about how societies around the world are converging and challenging geographic and political frontiers, while at the same time celebrating individuality. The program examines the interconnectedness among individuals, communities, governments, and organizations across the world, and offers students theoretical and applied frameworks to understand the pillars of a globalized planet.

The global studies curriculum requires initiative on the part of each major to think carefully about what they want from their college experience and then to develop a plan for achieving it. The culmination of this thinking will be codified in a Learning Plan created by each major, which serves to integrate the various components of global studies into a whole tailored to each individual student.

History and Classics

Contact Information

Phone: 401.865.2193

Fax: 401.865.1193

Location: Ruane Center for the Humanities 137

The Faculty

Professors

Mario R. DiNunzio, Ph.D., Emeritus

Richard J. Grace, Ph.D., Emeritus

Jeffrey A. Johnson, Ph.D.

Robert McCarthy, Ph.D., Emeritus

Sharon Ann Murphy, Ph.D.

Paul D. Quinlan, Ph.D., Emeritus

Constance M. Rousseau, Ph.D.

Raymond L. Sickinger, Ph.D., *Chairperson*

Associate Professors

Edward E. Andrews, Ph.D.

Patrick H. Breen, Ph.D.

Robin J. Greene, Ph.D.

Jennifer G. Illuzzi, Ph.D.

D. Colin Jaundrill, Ph.D.
Rev. David T. Orique, O.P., Ph.D.
Rev. John C. Vidmar, O.P., S.T.D.
Adrian C. Weimer, Ph.D.

Assistant Professors

Matthew J. Dowling, Ph.D.
Vefa Erginbas, Ph.D.
Thomas W. Grzebien III, Ph.D.
Karen A. Holland, Ph.D.
John M. Lawless, Ph.D.
Margaret M. Manchester, Ph.D.
Paul F. O'Malley, Ph.D.
René Alexander Orquiza, Ph.D.
Steven C. Smith, Ph.D.

Classics

Bachelor of Arts

The major consists of eleven courses (totaling at least thirty-three credit hours).

History

Bachelor of Arts

The mission of the Department of History and Classics is to encourage a sensitivity to the past in order that students might better understand the present and prepare intelligently to deal with the challenges of the future. Moreover, the department seeks to train and instruct students in historical method, with emphasis on doing the work of history with the greatest possible objectivity, resisting personal and social prejudice and ideological fashion.

History courses are intended to develop in students a basic grasp of both European and American civilizations and to provide students with opportunities to gain knowledge and understanding of non-Western civilizations.

The department emphasizes an appreciation of the Judaeo-Christian heritage in keeping with the character and mission of the College as a Roman Catholic and Dominican institution. It also promotes an understanding of democratic tradition and practice and their relation to the responsibilities of citizenship and humane development of the nation and the world.

History/Secondary Education

Bachelor of Arts

The history/secondary education option is designed to provide in-depth training in history for those seeking careers as high school social studies teachers. Students are expected to fulfill all the requirements of the history concentration and to follow a program of courses established by the Secondary Education Program for secondary teacher preparation. The combination of history and education courses meets the requirements for certification of social studies teachers in the state of Rhode Island and most other states.

History/secondary education majors are required to complete 33 credits in history. These are normally fulfilled by completing a three-credit gateway course, nine credits each in United States history and European history, and 12 from departmental electives, of which two non-Western history courses and

a junior/senior seminar are required. Necessary adjustments and appropriate substitutions for departmental requirements may be made in accordance with approved department policy and with the permission of the chairperson of the department.

Classics

Minor

History

Minor

Law

Contact Information

Paul E. Herron, Ph.D., Program Director

Phone: 401.865.1968

Location: Howley 310

Please visit the Academic Resources section of this Catalog for additional information on Pre-Law Advising.

Liberal Arts

Contact Information

Phone: 401.865.2495

Fax: 401.865.1496

Location: Harkins Hall 213

Bachelor of Arts

Liberal Arts

The Liberal Arts Major leads to a Bachelor of Arts degree. The program combines the structure of a coordinated nucleus of courses as defined by one of the minors in the School of Arts and Sciences, with the breadth and flexibility of a set of elective courses which will allow the student to develop the interests emerging from this foundation of minor and Core courses in the liberal arts, providing an opportunity for the Liberal Arts major to achieve depth in selected areas. After the first semester of their Junior year, students may petition the Dean of Graduate and Undergraduate Studies to pursue "Liberal Arts" as their major. The student petitioning will be required to articulate how the proposed set of Major courses are integrated and meet the learning outcomes of the Liberal Arts major:

Learning Outcomes:

Students will discuss the theories and principles within the disciplines of the liberal arts;

Students will make connections between the different disciplines within the liberal arts;

Students will learn to communicate clearly, critically, logically and persuasively in oral and written discourse;

Students will extend their intellectual inquiry (and their capacity for intellectual work), in consultation with their academic advisors, by careful selection of major elective coursework

Linguistics

Contact Information

Phone: 401.865.2111

Fax: 401.865.1112

Location: Sullivan Hall 211

Mathematics/Computer Science

Contact Information

Phone: 401.865.2334

Fax: 401.865.1356

Location: Howley Hall 218

The Faculty

Professors

C. Joanna Su, Ph.D.

James J. Tattersall, Ph.D.

Associate Professors

Lynette J. Boos, Ph.D., *Chairperson*

Jeffrey T. Hoag, Ph.D.

Su-Jeong Kang, Ph.D.

Cayla D. McBee, Ph.D.

Joseph Shomberg, Ph.D.

Adam H. Villa, Ph.D.

Linda M. Wilkens, D.Sc.

Assistant Professors

Liam A. Donohoe, Ph.D.

Francis P. Ford, M.A.

Wataru Ishizuka, Ph.D.

John Seiffertt, Ph.D.

Leila Setayeshgar, Ph.D.

Asta Shomberg, Ph.D.

The Major

Concentrations in three areas are available:

Mathematics

Computer Science

Mathematics/Secondary Education

The required courses for each of the three concentrations are listed in the catalog. Students should be aware that some of the courses are prerequisites for others and some courses are offered in only one semester of the academic year. For example, students concentrating in mathematics or mathematics/secondary education usually take MTH 290 in their sophomore year, as this is a prerequisite for both MTH 315 and MTH 323, which are generally taken in the first semester of the junior year.

A student considering electives in his or her concentration should consult with an advisor. This is especially important in the case of research courses because these courses are offered only when students have expressed an interest in them.

Students wishing to continue a study of a foreign language are encouraged to take the language in the freshman year.

Students in the mathematics concentration are encouraged to choose free electives that will give them a strong minor, one that will supplement their major in mathematics. Thoughtful selection of free electives may lead to interdisciplinary professions such as econometrics, biometrics, psychometrics, and operations research (applications of mathematics to management in both industry and government). Of course, students interested in research in mathematics or in teaching at the college level are encouraged to prepare for graduate study by taking extra mathematics courses.

Mathematics/Secondary Education

Students in Mathematics/Secondary Education must add seven education courses to the 10 mathematics courses of the program. One of these, EDU 450, Student Teaching, is nine credits and is usually taken in the spring semester of the senior year. Because the student is off campus for most of the day during this semester, he or she must plan a program of study accordingly. Very often the student can put off to this eighth semester two courses that will be available in the evening through the School of Continuing Education. These students also must take MTH 309 Geometry and MTH 325 Mathematical Statistics as two of their electives. Real Analysis I & II or Abstract Algebra I & II and Geometry should be taken in the junior year since Real Analysis II, Abstract Algebra II, and Geometry are offered in the spring semester only.

Mathematics

Bachelor of Arts

Mathematics/Secondary Education

Bachelor of Arts

Computer Science

Bachelor of Science

Computer Science: Technical

Minor

Mathematics

Minor

Music

Contact Information

Phone: 401.865.2183

Fax: 401.865.2761

Location: Smith Center for the Arts G04

The Faculty

Professor

Catherine E. Gordon, Ph.D.

Sang Woo Kang, D.M.A.

Associate Professors

T.J. Harper, D.M.A., *Director of Choral Activities, Chairperson*

Assistant Professors

Eric C. Melley, Ph.D.

Administrative Staff and Special Lecturers

David R. Harper, M.Mus., *Coordinator of Vocal Studies*

Michael C. Kregler, M.Mus., *Music Accompanist*

The Majors

The objective of the Department of Music is to offer the study of music in a balanced and creative atmosphere that emphasizes the theoretical, historical, and educational foundations of music in a liberal arts context. Ample opportunity is provided for vocal and instrumental study and performance on an individual basis as well as in a variety of choral and instrumental ensembles.

The Department of Music offers a bachelor of arts in music and a bachelor of arts in music education. The bachelor of arts in music has five areas of specialization: History/Literature; Theory/Composition; Performance; Jazz; and Church Music. The program is a broad experience of the various aspects of music history, music theory, performance, and ensemble participation within the liberal arts context of the College.

The bachelor of arts in music education is a balance between the liberal arts program of the College and the requirements for both the music and education departments for the certification process in music education. Students will focus on the historical, philosophical, and psychological aspects of music education, while also becoming proficient in areas such as elementary and secondary methods and conducting. Combined with required field experiences and 12 credits of student teaching, music education candidates will have an understanding of past and current methodologies and research in the field of music education. This K-12 music education program, including General Music, Secondary Vocal Music, and Secondary Instrumental Music, will prepare students for certification in the state of Rhode Island, which has reciprocity with more than 40 states throughout the country. Students majoring in music education are required to have and maintain a grade point average of 2.5.

All students intending to major in music or music education are required to audition and be interviewed by members of the music faculty. Approval from the Department of Music must be obtained before declaring a music major. All students intending to declare a major must do so no later than the spring registration period of his/her sophomore year or with special departmental approval.

Concerts and recitals by faculty and students in the department as well as a variety of other cultural events on campus, in the community, and in nearby Boston provide further opportunities for musical growth and appreciation.

Music

Bachelor of Arts

Music Education

Bachelor of Arts

Please see the Education Programs section of this Catalog for important admission information.

Music: Musical Theatre Concentration

Music majors may use their elective credits to focus on areas of interest. Majors with a particular interest in musical theatre may declare the Musical Theatre Concentration within the music major. This track aims to develop the students' talent and ability with the goal of helping the students discover their own unique abilities in musical theatre. A successful professional in musical theatre must possess strong technical skills in voice, music and dance with the ability to integrate these skills with ease, expressiveness, and versatility. As such the concentration requires coursework in music, acting and dance combined with many performance opportunities. In order to concentrate in musical theatre, students must elect either a music or theatre major. This assures that they will have a deep grounding in at least one of the two foundational areas of musical theatre.

Music

Minor

Natural Science

The Faculty

Professor

Martin D. Saltzman, Ph.D.

Philosophy

Contact Information

Phone: 401.865.2335

Fax: 401.865.1449

Location: St. Catherine of Siena Hall 105

The Faculty

Professors

Christopher Arroyo, Ph.D.

Angela Licia Carlson, Ph.D.

Peter R. Costello, Ph.D.

Philip E. Devine, Ph.D., *Emeritus*

Anthony K. Jensen, Ph.D.

Vance G. Morgan, Ph.D.

Rev. Brian J. Shanley, O.P., Ph.D.

Rev. N. Joseph Torchia, O.P., Ph.D.

Associate Professors

John E. Abbruzzese, Ph.D.

Giuseppe Butera, Ph.D.

Joseph K. Cosgrove, Ph.D.

Edmund Dain, Ph.D.

Raymond F. Hain, Ph.D.

Rev. Nicholas Ingham, O.P., Ph.D.

Colin Guthrie King, Ph.D.

Timothy A. Mahoney, Ph.D.

Jeffery L. Nicholas, Ph.D.

Michael J. O'Neill, Ph.D.

Benjamin S. Yost, Ph.D., *Chairperson*

Assistant Professors

Matthew Cuddeback, Ph.D.

Matteo Di Giovanni, Ph.D.

Patrick J. Macfarlane, Ph.D.

Antonella Mallozzi, Ph.D.

Instructor

Emann Allebban, Ph.D. candidate

Philosophy

Bachelor of Arts

The philosophy department offers courses in all of the major historical periods of the western intellectual tradition (Ancient, Medieval, Modern, and Contemporary) and in the main disciplines of philosophy (Logic, Metaphysics, Epistemology, Ethics, Social and Political Philosophy, and Aesthetics). Students in the philosophy major are encouraged to see their study of philosophy as more than the accumulation of knowledge; it is the development of a love for wisdom. The study of philosophy builds skill in constructing and analyzing arguments, in reading and writing critically, and in approaching problems reflectively.

At Providence College, all students are introduced to philosophy through the Development of Western Civilization Program. In addition, all students take six credits (2 courses) in philosophy as part of the core requirement. One course provides the students with a foundation for making moral judgments. The other may be any qualifying core course in philosophy.

The department has 23 full-time faculty members all of whom have their Ph.D. and are committed to helping students explore the fundamental issues of philosophy. They come from a variety of institutions including Brown University, the Catholic University of America, Duquesne, Emory, Fordham, Harvard Law School, Humboldt-Universitaet zu Berlin, Marquette, Notre Dame, Penn State, University of California Berkeley, University of Pennsylvania, and the University of Toronto. Their research is well represented in the major areas of the history of philosophy, as well as from the perspectives of both analytic and continental philosophy.

The philosophy department offers a major and a minor course of study. In both courses, faculty seek to help students to develop an understanding of philosophy as a liberal discipline, able to provide the insights and perspectives required for critical reflection on and evaluation of other disciplines. Students are exposed to the great thinkers and key problems that make up the western intellectual tradition. They are encouraged to understand and follow the advice of Socrates, whose philosophy was motivated by the Delphic imperative to "know thyself"; and, to serve their community and the human family through the challenge of St. Thomas Aquinas who called students and teachers to "Contemplate, and give to others the fruits of your contemplation."

Students are very welcome to contact the department for more information. Information about the department, department members, and the study of philosophy at Providence College is also available on the college's Web site.

Political Science

Contact Information

Phone: 401.865.2434
Fax: 401.865.1222
Location: Howley Hall 318

The Faculty

Professors

Anthony D. Affigne, Ph.D.
Richard M. Battistoni, Ph.D.
Mary L. Bellhouse, Ph.D.
Douglas W. Blum, Ph.D.
James M. Carlson, Ph.D., Emeritus
William E. Hudson, Ph.D., *Chairperson*
Mark S. Hyde, Ph.D., Emeritus
Susan H. Marsh, Ph.D., Emerita
Susan K. McCarthy, Ph.D.
Robert H. Trudeau, Ph.D., Emeritus

Associate Professors

Ruth Ben-Artzi, Ph.D.
Joseph P. Cammarano, Ph.D.
Matthew P. Guardino, Ph.D.

Assistant Professors

Paul E. Herron, Ph.D.
Adam S. Myers, Ph.D.
Thea N. Riofrancos, Ph.D.
F. Gizem Zencirci, Ph.D.

The Program

The Department of Political Science provides students with the tools for a careful and systematic study of politics within the scope of a liberal arts education and the Mission Statement of Providence College. Students are grounded in factual material about governments and politics, and in political philosophy as well. The department's program also is grounded in values: we study what ought to happen in politics, as well as what happens in politics. We stress the importance of lifelong learning skills in critical thinking, writing, and speaking; all courses require analytic reading and clear writing, and upper-division courses (300+) require research papers.

The political science department believes strongly that learning is not limited to the classroom. The department encourages community involvement—we are engaged with local organizations in a series of voluntary projects, we encourage foreign study, and we support internships— as part of our academic program. On campus, the department presents a full range of public events every year, including lectures, films, and "teach-ins." Political science students are actively involved in campus student government, the student newspaper, and many other organizations, both on and off campus.

The political science department is among the larger programs at the College, yet our classes are small, rarely exceeding 20 students, with many seminars and undergraduate research projects, all of which means students get individual attention in a variety of ways. The department also has an active chapter of the political science national honor society, Pi Sigma Alpha, while several of our students have been selected to attend the prestigious Ralph Bunche Summer Institute. We offer an Honors

option for outstanding students, which includes writing an Honors thesis during the senior year. We maintain a computer lab available to our students.

The political science department has a diverse full-time faculty of 13 members, with Ph.D. degrees from a variety of universities, including Brandeis, Brown, California at Berkeley, Columbia, Massachusetts, Pennsylvania, Rutgers, SUNY at Buffalo, Syracuse, and Texas. Political science faculty teach in the women's studies, liberal arts honors, global studies, public and community service studies, and development of western civilization.

Our teaching faculty also enjoy strong scholarly reputations. They write well-regarded academic books and articles and are regularly invited to present research in many regions and fields, including the American, Western, Midwest, and Northeastern political science associations; the National Conference of Black Political Scientists; and the Latin American, African, and International Studies Associations. Our faculty all serve as academic advisors for majors and minors, and mentors for students who seek admission to some of the nation's most prestigious graduate, professional, and law schools.

We invite prospective students to find additional information about our program on the Internet or by contacting the department.

Political Science

Bachelor of Arts

Political Science

Minor

Psychology

Contact Information

Phone: 401.865.2435

Fax: 401.865.1227

Location: Koffler 113 & Science Complex Administrative Suite 01-07

The Faculty

Professors

Christopher M. Bloom, Ph.D.

Theodore N. Bosack, Ph.D., Emeritus

Thomas J. Guilmette, Ph.D., ABPP-CN

Michael D. Spiegler, Ph.D.

Associate Professors

Mary E. Harmon-Vukic, Ph.D.

Mary R. O'Keefe, Ph.D., *Chairperson*

Jennifer L. Van Reet, Ph.D.

Assistant Professors

Eliane M. Boucher, Ph.D.

Rev. Joseph J. Guido, O.P., Ed.D.

Saaïd A. Mendoza, Ph.D.

Victoria L. Templer, Ph.D.

Kelly A. Warmuth, Ph.D.

Psychology

Bachelor of Arts

The Department of Psychology offers a bachelor of arts degree in general psychology. The curriculum provides a sound foundation in the principles of behavior that will allow students to apply their knowledge in postgraduate occupations or graduate study. Major emphasis is placed upon a thorough development of the critical and analytical tools of contemporary psychology so that students will become adept in formulating meaningful questions about behavior and devising valid strategies for answering those questions. These goals are pursued in a curriculum that includes both applied and research aspects of the discipline in the hope of producing well-rounded, resourceful, and well-informed graduates. Advanced students are encouraged to undertake some form of independent learning experience through seminars, tutorials, independent research, and supervised field placements.

Consistent with the spirit of liberal arts education, the Department of Psychology allows wide latitude in selecting electives within the concentration and leaves extensive opportunity in all students' curricula for sampling the wealth and variety of course offerings at the College. We invite our students to explore and challenge the riches of knowledge available in courses at the College and to continue that exploration long after their graduations.

Public and Community Service Studies

Contact Information

Phone: 401.865.1207

Fax: 401.865.1206

Location: Feinstein Academic Center 315

The Faculty

Professors

Richard M. Battistoni, Ph.D.

Peter R. Costello, Ph.D.

Julia S. Jordan-Zachery, Ph.D.

Nicholas V. Longo, Ph.D.

Keith Morton, Ph.D., *Chairperson*

Raymond L. Sickinger, Ph.D.

Associate Professors

Joseph P. Cammarano, Ph.D.

Dana L. Dillon, Ph.D.

Assistant Professors

Kendra R. Brewster, Ph.D.

Public and Community Service Studies

Bachelor of Arts

Public and Community Service Studies (PSP) offers an interdisciplinary curriculum focused on solving real-world problems. PSP students work closely with faculty and community partners to research and address complex issues and then reflect on this shared work to develop the leadership skills necessary for making positive social change. The department's innovative curriculum, the first of its kind in the country, continues to make it a pioneer and leader in community engaged, experiential learning.

PSP offers introductory courses that are open to all students, as well as major and minor courses that cover central themes such as rebuilding democratic communities, re-thinking effective service, and organizing for social justice. The academic program is built on a collaborative teaching model with all of the courses integrating community engaged learning in an intentional way. With a dynamic group of faculty and community partners, students are asked to be co-creators of their learning. Students engage in a diverse range of community work including direct service, community organizing, community development, and public policy. In the process, students develop 21st century skills like public speaking, community building, working across cultural boundaries, organizational development, policy analysis, and collaborative research.

Public and Community Service Studies

Minor

Students who wish to supplement their major with the systematic study and practice of public and community service may elect the minor in public and community service studies. As with the major, the curriculum of the minor is guided by the mission and principles of the Feinstein Institute. The minor requires a total of six courses, 18 hours.

- Community Health Track: Students interested in public health — or in health professions or policy — may supplement their major with a minor in Public and Community Service Studies that concentrates in the area of community/public health.

Sociology

Contact Information

Phone: 401.865.2125

Fax: 401.865.2232

Location: Howley Hall 119

The Faculty

Professors

Eric L. Hirsch, Ph.D.

Hugh F. Lena, Ph.D.

Charlotte G. O'Kelly, Ph.D.

Cornelius H. Riordan, Ph.D., Emeritus

Josephine A. Ruggiero, Ph.D., Emerita

Associate Professor

Abigail T. Brooks, Ph.D.

Kara Cebulko, Ph.D., *Chairperson*

Eve Veliz Moran, Ph.D.

Maureen C. Outlaw, Ph.D.

Assistant Professors

Christopher S. Chambers, Ph.D.

Zophia Edwards, Ph.D.

Brandon T. Martinez, Ph.D.

Sociology

Bachelor of Arts

The primary objective of the major is to provide students with a better understanding of human society, particularly in the contexts of social structure, economy, and culture. The major encourages students to critically analyze human experience through the prism of social, political, and economic structures and institutions, and to gain insight into the lives of individuals through a culturally sensitive lens. How are our lives as individuals—our material quality of life, our life chances and opportunities, our life styles, our identities and beliefs—potentially shaped by larger social, economic, and cultural systems and processes? Throughout their course of study in the major, and as reflective of the sociology faculty's broad range of expertise, students will have the opportunity to apply sociological theory, research methods, and empirical scholarship to a wide range of foci, including but not limited to: the intersections of race, class, and gender; inequality; poverty and homelessness; globalization; immigration; violence and crime; politics; education and social policy; social movements and social change; health and medicine; media and technology; and popular culture.

Courses in the major emphasize those skills important to students' careers: critical thinking, the ability to read and write analytically, to problem-solve, and to communicate orally. More specifically, the major's objectives are to encourage students to appreciate the unique contribution of the sociological perspective; learn about the history and/or content of the discipline; develop an awareness of sociology and its relationship to the other social sciences and the liberal arts; develop methodological skills necessary to gather and evaluate sociological information; learn how sociological questions and answers influence social policy; develop a level of academic training necessary to pursue advanced studies in graduate and professional school in a variety of fields such as public policy, public health, criminal justice, law, counseling, social service, marketing, public relations, and business; develop a better understanding of their social environments, with special regard to race, class, gender, and other bases of inclusion/exclusion in American society and in other societies; and consequently to provide heightened insight into one's life, society, and the critical problems of the times.

In addition to traditional and innovative classroom experiences, sociology majors can avail themselves of opportunities for independent study, internships, service experiences in the community, research and senior thesis courses under the supervision of a faculty mentor, and invitations to join our sociology honor society.

Sociology

Minor

Theatre, Dance, and Film

Contact Information

Phone: 401.865.2327

Fax: 401.865.1137

Location: Smith Center for the Arts G66

The Faculty

Professors

David M. Cabral, M.F.A.
Mary G. Farrell, M.F.A.
Rev. Kenneth R. Gumbert, O.P., M.F.A.
Wendy R. Oliver, M.F.A., Ed.D., *Chairperson*

Associate Professor

James M. Calitri, M.F.A.
John P. Garrity, M.F.A.

Assistant Professor

Megan A. Chang, M.F.A.

The Program

A program of study is offered in theatre arts, which leads to the degree of bachelor of arts.

The primary goal of the Department of Theatre, Dance, and Film is the development of theatre artists. It provides knowledge of and experience in the discipline of theatre, offering a foundation necessary for graduate study and continued professional development. By developing theatre artists, the department directly enriches the life of the College through a program of public performances.

For the theatre major, the core of this developmental process is a production-centered experience combined with an interdisciplinary classroom experience which forms the basis of a liberal arts education. The course of study emphasizes that an artist's insight is increased by an awareness of and sensitivity to the individual disciplines which collectively constitute theatre art and those disciplines among the liberal arts which relate to it. Students, therefore, are required to participate in, and come to an understanding of, the many facets of theory, performance, and production both on stage and in the classroom.

Theatre majors may use their elective credits to focus on areas of interest. Majors with a particular interest in musical theatre may declare the Musical Theatre Concentration within the theatre major aims to develop the students' talent and ability with the goal of helping the students discover their own unique abilities in musical theatre. A successful professional in musical theatre must possess strong technical skills in acting, voice, music and dance with the ability to integrate these skills with ease, expressiveness, and versatility. As such the concentration requires coursework in music, acting and dance combined with many performance opportunities. In order to concentrate in musical theatre, students must elect either a music or theatre major. This assures that they will have a deep grounding in at least one of the two foundational areas of musical theatre.

The theatre minor may pursue a modified version of the major on a selective course of study intended to develop an understanding of the fundamental skills, principles, and theory of the performing arts in support of the student's major discipline. In particular, the student can explore practical applications of the theatre's creative process in such diverse areas as education, psychology, social work, and public service.

A dance minor also is available. This course of study is designed to give students a foundation in dance technique, composition, history, and criticism. Students will pursue an understanding of both theory and practice in the art of dance through development of physical skills, artistic abilities, and intellectual knowledge. Course work in dance is complemented by the Providence College Dance Company, which is sponsored by the department. The dance company gives advanced students the opportunity to choreograph, perform, and study with faculty and visiting artists and enriches the campus by offering regular dance performances. A variety of student-run dance clubs are also available.

The film/video minor provides a structure for students to develop historical, theoretical, and technical knowledge of these media, a sense of visual literacy, and a basis for reflecting on the aesthetic nature of film and video as both fine arts and commercial media. Students enrolled in this program will be provided with the opportunity to experience both the critical and creative aspects of the discipline. Course work in film is complemented by numerous opportunities to show original productions; for instance, the campus-wide film/video festivals and the campus cable network, where students are encouraged to present their creative work to the public.

In keeping with the liberal arts foundation, the Department of Theatre, Dance, and Film is committed to providing its students with a thorough background in theatre history, theory, criticism, and literature. This approach arises from the belief that, in addition to developing proficiency in a variety of theatre crafts and performance techniques, the young theatre artist must understand theatre as an art which exists in an historical, political, spiritual, and economic context.

Plays produced are selected to explore the intellectual, cultural, philosophical, moral, and religious issues of the societies they reflect and are investigated on stage with the intention of revealing their relevance to contemporary experience. Since theatre is completed only when it has been communicated to other persons, the responsibility to develop and educate audiences, within the Providence College community and beyond, is incorporated into both production and classroom experiences.

The secondary objective of the Department of Theatre, Dance, and Film is to service the College and surrounding community by offering theatre courses of interest to the general student and by inviting their involvement in cocurricular production activities.

Theatre

Bachelor of Arts

Theatre: Musical Theatre Concentration

Theatre majors may use their elective credits to focus on areas of interest. Majors with a particular interest in musical theatre may declare the Musical Theatre Concentration within the theatre major aims to develop the students' talent and ability with the goal of helping the students discover their own unique abilities in musical theatre. A successful professional in musical theatre must possess strong technical skills in acting, voice, music and dance with the ability to integrate these skills with ease, expressiveness, and versatility. As such the concentration requires coursework in music, acting and dance combined with many performance opportunities. In order to concentrate in musical theatre, students must elect either a music or theatre major. This assures that they will have a deep grounding in at least one of the two foundational areas of musical theatre.

Dance

Minor

Film/Video

Minor

Theatre

Minor

Theology

Contact Information

Phone: 401.865.2274

Fax: 401.865.1830

Location: St. Catherine of Siena Hall 202

The Faculty

Professors

Rev. Albino Barrera, O.P., Ph.D.

Paul L. Gondreau, S.T.D.

Patrick V. Reid, Ph.D., Emeritus

Rev. N. Joseph Torchia, O.P., Ph.D.

Associate Professors

William Bonney, Ph.D.

Rev. Paul M. Conner, O.P., S.T.D.

Gary M. Culpepper, Ph.D., *Chairperson*

Dana L. Dillon, Ph.D.

Aurelie A. Hagstrom, S.T.D.

James F. Keating, Ph.D.

Sandra T. Keating, Ph.D.

Ian C. Levy, Ph.D.

Rev. Thomas P. McCreesh, O.P., Ph.D.

Terence A. McGoldrick, S.T.D.

Despina D. Prassas, Ph.D.

Daria E. Spezzano, Ph.D.

Arthur P. Urbano, Jr., Ph.D.

Assistant Professors

Rev. John E. Allard, O.P., Ph.D.

Richard J. Barry IV, Ph.D.

Robert J. Barry, Ph.D.

Rev. Peter M. Batts, O.P., Ph.D.

Holly Taylor Coolman, Ph.D.

Br. Isaac Morales, O.P., Ph.D.

Rev. R. Gabriel Pivarnik, O.P., S.T.D.

Rev. David L. Stokes, Jr., Ph.D.

Special Lecturer

Rev. J. Stuart McPhail, O.P., S.T.Lr.

The Program

The Department of Theology offers a program of study leading to the degree of bachelor of arts.

The department seeks within the liberal arts curriculum to promote the study of sacred Scripture, systematic theology, and the moral life in a manner that demonstrates responsibility to the Church and engagement with other religious traditions and with the world. The program provides historical, philosophical, and theological training, principally, but not exclusively, in the Thomistic tradition. It seeks to enable students to investigate, evaluate, and commit themselves intelligently to Christian faith and life, especially in its Catholic understanding. In the light of the relationship between the

teaching of the Magisterium and the needs of the faithful, the department assists students in understanding the development of Catholic doctrine and worship. The department strives to develop strong Christians who will live the Gospel and promote Christian values in the College community and beyond.

Objectives

The undergraduate program in theology pursues three distinct objectives:

It provides all students an introduction to the religious traditions of Western Civilization in the Development of Western Civilization course.

It provides all students fulfilling the two-course general requirement with a foundational course covering the basics of Catholic theology and a second course, which explores in more depth, one or more of the basic themes of Catholic theology.

It provides majors and minors in theology with a program in biblical, systematic, historical, moral, and spiritual theology.

Requirements for Theology Core

Students must first study one 200-level course and then one 300-level course to satisfy the College's Core Curriculum requirement.

Theology

Bachelor of Arts

Majoring in theology at Providence College gives the student a solid grounding in the Catholic theological tradition with special emphasis on the teaching of the Church, but also explores the best of contemporary scholarship in scripture, systematics, moral theology, spiritual theology, and liturgy. Balance is the keynote of the Providence College approach to the theological enterprise and this can be seen in the varied courses offered by our well-trained *Professors* from a variety of academic backgrounds.

Our program provides the flexibility for the student to specialize in a particular area of theology: biblical theology, systematic and historical theology, spiritual theology, and moral theology. Our graduates have gone on to such varied positions as seminary and college teaching, ordained priests and ministers, editors of Catholic newspapers, major religious film makers, diocesan and parish directors of religious education, high school and grade school teachers of religion, and pastoral assistants in parishes.

Theology

Minor

A minor in theology allows students in any major to pursue an interest in the study of theology through a structured program of six theology courses.

Interdisciplinary Programs

American Studies

Contact Information

Phone: 401.865.1784

Fax: 401.865.2057

Location: Ruane Center for the Humanities 117

The Faculty

Professors

Rev. Kenneth R. Gumbert, O.P., M.F.A. (Theatre, Dance, and Film)

Eric L. Hirsch, Ph.D. (Sociology)

Deborah J. Johnson, Ph.D. (Art and Art History/Women's Studies)

Jeffrey A. Johnson, Ph.D. (History)

Keith Morton, Ph.D. (Public and Community Service Studies)

Ann W. Norton, Ph.D. (Art and Art History)

Tuire M. Valkeakari, Ph.D. (English)

Associate Professors

Edward E. Andrews, Ph.D. (History)

Eric D. Bennett, Ph.D. (English), *Program Director*

William Bonney, Ph.D. (Theology)

Joseph P. Cammarano, Ph.D. (Political Science/Public and Community Service Studies)

Suzanne J. Fournier, Ph.D. (English)

Margaret K. Reid, Ph.D. (English)

Assistant Professors

Margaret M. Manchester, Ph.D. (History)

René Alexander Orquiza, Ph.D. (History)

Cristina Rodriguez, Ph.D. (English)

Steven C. Smith, Ph.D.

A program is offered in American Studies that leads to the bachelor of arts degree.

American Studies is an interdisciplinary program that examines the history, literature, culture, and institutions that make up the American experience. This interdisciplinary character is exhibited in two ways: (1) students take their 12 hours of mandated American Studies electives from among a wide variety of courses offered by the College in the humanities, the social sciences, and the arts; (2) students also take 12 hours of special American Studies seminars in their junior and senior years. These seminars are organized around specific topics in the American experience. They give the concentration its special strength and character.

American Studies allows individuals to design their programs according to their own needs and interests. Each major works closely with an advisor to develop a course of studies that will be most individually beneficial. It is possible, therefore, to concentrate one's American Studies electives within a single traditional discipline. It is also possible to effect a new synthesis by carefully choosing from among the more than 80 courses designed as American Studies electives. A list of designated electives is posted by the director of the program before registration each semester.

American Studies provides its graduates with a good deal of flexibility. It is important to remember in this period of intense pressure toward narrow vocationalism that the life of the mind is best served by fully developing the powers of analysis, responsiveness, expression, and computation. The program is designed to provide a solid background for students interested in professional studies such as law, administration, or teaching; for M.B.A. programs (most of which prefer non-business majors); for graduate work in American Studies itself, or in one of its constituent fields; for government, journalism, civil service, or communications.

Asian Studies

Contact Information

Phone: 401.865.1786

Fax: 401.865.2410

Location: Ruane Center for the Humanities 128

The Faculty

Professors

Albino Barrera, O.P., Ph.D. (Economics)

Susan K. McCarthy, Ph.D. (Political Science)

Ann W. Norton, Ph.D. (Art and Art History), *Emerita*

Charlotte G. O'Kelly, Ph.D. (Sociology/Women's Studies)

Associate Professors

D. Colin Jaundrill, Ph.D. (History), *Advisor*

Eric Sung, M.F.A. (Art)

Assistant Professors

Fang Dong, Ph.D. (Economics)

René Alexander Orquiza, Ph.D. (History)

Trina Vithayathil, Ph.D. (Global Studies)

Black Studies

Contact Information

Phone: 401.865.2083

Fax: 401.865.1222

Location: Howley Hall 314

The Faculty

Professors

Anthony D. Affigne, Ph.D. (Political Science)

Eric L. Hirsch, Ph.D. (Sociology)

Julia S. Jordan-Zachery, Ph.D. (Public and Community Service Studies/Black Studies), *Program Director*

Charlotte G. O'Kelly, Ph.D. (Sociology/Women's Studies)

Tuire M. Valkeakari, Ph.D. (English)

Associate Professors

Patrick H. Breen, Ph.D. (History)

Assistant Professors

Matthew J. Dowling, Ph.D. (History)

Michael L. Hayes, Ph.D. (Social Work/Public and Community Service Studies)

Christopher T. Kelton, D.M. (Music)

The Program

The Black Studies program offers students an interdisciplinary set of analytic and research tools for critical analysis and understanding of various aspects of black culture and fosters a new appreciation for the contributions made by people of African descent to world cultures and human history.

The black studies program seeks to provide students with clear, precise, reliable, and accurate knowledge about the African Diasporic communities of Africa, the Americas, the Caribbean, and Europe within the framework of a liberal arts education.

As an academic minor, this interdisciplinary and multicultural course of study takes a look at the African Diasporic communities' contemporary state, history and traditions, unique culture, collective experience, and antecedent connection with Africa and African history.

To that end, teaching, analysis, and research within the program are directed toward the communities' world view, core beliefs, structures of relationships, patterns of moral and ethical discourse, political thought and action, experience of and response to racism, cultural motifs, and historical foundations, both within the United States and globally.

This minor can be paired with many different majors, including global studies, economics, and political science. Students from a variety of academic majors will find that proficiency in black studies can expand career options.

Humanities

Contact Information

Phone: 401.865.2643

Fax: 401.865.2772

Location: St. Catherine of Siena Hall 129

The Faculty

Associate Professor

James F. Keating, Ph.D., *Program Director*

The Humanities Program offers a highly individualized interdisciplinary plan of study which is focused on the liberal arts. Emphasis is placed on critical understanding and disciplined reflection. The program provides a strong liberal arts education that can serve as excellent preparation for all professions.

In consultation with the director, each student develops a personal course of study. Individual study plans are created by a judicious and focused selection of courses from the recognized humanities departments, with the possible addition of other selected courses. To enter the program, a student must have a grade point average of 2.5. From the time of entry, an overall grade point average of 2.75 must be maintained.

Latin American and Latina/o Studies (LALS)

Contact Information

Phone: 401.865.2647

Fax: 401.865.1193

Location: Ruane Center for the Humanities 113

The Faculty

Professor

Anthony D. Affigne, Ph.D. (Political Science)

Nuria Alonso García, Ph.D. (Global Studies/Secondary Education)

Nicholas V. Longo, Ph.D. (Global Studies/Public and Community Service Studies)

Associate Professors

Alison Caplan, Ph.D. (Foreign Language Studies)
Kara B. Cebulko, Ph.D. (Sociology/Global Studies)
Terence A. McGoldrick (Theology)
Edgar Mejía, Ph.D. (Foreign Language Studies)
Rev. David T. Orique, O.P., Ph.D. (History), *Program Director*
Carmen A. Rolon, Ed.D. (Secondary Education/Women's Studies)
Monica Simal, Ph.D. (Foreign Language Studies)
Eve Veliz-Moran, Ph.D. (Sociology)

Assistant Professors

Ana Cecilia Iraheta, Ph.D. (Foreign Language Studies)
Mintzi A. Martinez-Rivera, Ph.D. (Anthropology)
Javier I. Mocarquer, Ph.D. (Foreign Language Studies)
Cristina Rodriguez, Ph.D. (English)
Thea N. Riofrancos, Ph.D. (Political Science)

The Program

Focused and flexible is the best way to describe the Latin American and Latina/o Studies Minor. By minoring in LALS, students can supplement a major by studying the languages, cultures, peoples, and nations of Latin America, the Caribbean, and the Iberian Atlantic World (e.g. Spanish and Portuguese-hispano-luso-regions of the circum-Atlantic areas), or by studying U.S. Latina/o communities in the United States, including how this domestic reality is related to and distinct from its international origins. In addition to such conceptual bridging, the program also offers opportunity for practical field experience, including study abroad and/or participation in the Model Organization of American States in Washington, DC. Furthermore, through this program, students can plan and implement a concentration that best serves their post-graduate goals-whether these include a career in business, government, education, foreign service, foreign languages, or postgraduate studies. Because the LALS program is interdisciplinary in its course offerings, students can tailor their studies in the minor to meet their individual interests and needs. For more information, please contact Fr. David Orique, O.P. or consult the website.

Social Science

Contact Information

Phone: 401.865.2832

Fax: 401.865.1264

Location: Sullivan Hall 104

The Faculty

Assistant Professor

Fang Dong, Ph.D., *Program Director*

The Social Science Program addresses the interests of students who are drawn to the social science area of the Liberal Arts curriculum. These students wish to combine exploration of the breadth of the subject area with not only sufficient depth of inquiry, but also with the structure for systematic study provided by a major.

This choice of approach to learning may emerge from one, or more, objectives. A student may have identified the desired area of study, but would like to have more knowledge of the range of social science, before making a choice of a single discipline for concentration later in graduate school.

Another student may be preparing to teach and would find it valuable to be able to bring knowledge of perspectives, methods, and concepts of a variety of social science disciplines into schools at various levels, therefore being a more attractive candidate for a position, and, subsequently, a more effective teacher in the classroom. This background would also be seen as valuable for students contemplating other professions, as well: social work, community service, law, city and regional planning, medicine, and business, to name but a few. Thus, the Social Science major might be chosen as a single field for focus in an undergraduate education; or, may be combined with another major or minor.

The Major in Social Science

The major in Social Science leads to the degree of Bachelor of Arts. The program is interdisciplinary in character and, thus, offers students the opportunity to invest initiative and creativity in a combination of social science disciplines - three in number. These disciplines include anthropology, economics, history, linguistics, political science, psychology, and sociology. From among these disciplines, three must be selected for emphasis. Students plan their course of study, with the Director of the Program, to meet their interests and fulfill the requirements of the major. Together they seek a combination of depth and breadth, in part by using a suggested model of a minimum of three courses in two of the selected disciplines and two in the third, distributed across the major required courses/electives as appropriate.

Women's Studies

Contact Information

Phone: 401.865.2924

Fax: 401.865.2381

Location: Phillips Memorial Library LL18B

The Faculty

Professors

Mary L. Bellhouse, Ph.D. (Political Science)

Peter R. Costello, Ph.D. (Philosophy/Public and Community Service Studies)

Catherine E. Gordon, Ph.D. (Music)

Rev. Kenneth R. Gumbert, O.P., M.F.A. (Theatre, Dance, and Film)

Deborah J. Johnson, Ph.D. (Art and Art History/Women's Studies)

Julia S. Jordan-Zachery, Ph.D. (Public and Community Service Studies /Black Studies)

Patricia M. Lawlor, Ph.D. (Foreign Language Studies)

Charlotte G. O'Kelly, Ph.D. (Sociology/Women's Studies)

Wendy R. Oliver, Ed.D. (Theatre, Dance, and Film/Women's Studies)

Tuire M. Valkeakari, Ph.D. (English)

Associate Professors

Maia F. Bailey, Ph.D. (Biology)

Elizabeth A. Bridgham, Ph.D. (English)

Abigail T. Brooks, Ph.D. (Sociology/Women's Studies), *Program Director*

Angela Licia Carlson, Ph.D. (Philosophy)

Jennifer G. Illuzzi, Ph.D. (History)

Jessica M. Mulligan, Ph.D. (Health Policy and Management)

Maureen C. Outlaw, Ph.D. (Sociology/Women's Studies)

Despina D. Prassas, Ph.D. (Theology)

Carmen A. Rolon, Ed.D. (Secondary Education/Women's Studies)

Eve Veliz-Moran, Ph.D. (Sociology)

Assistant Professors

Margaret M. Manchester, Ph.D. (History)

The Program

The College offers a major and a minor in women's studies. Women's studies is an innovative, interdisciplinary academic field of study. It focuses on analyzing the contributions and achievements of women across the globe-past and present-and throughout the academic disciplines. At Providence College, its purpose is to provide opportunities for students to formulate a comprehensive view of culture that incorporates the experiences of women. Understanding the issues vital to women's lives and their intellectual and creative productivity enables both male and female students to develop a positive personal philosophy with regard to gender roles.

As a scholarly focus that has only received attention for the last 30 years, women's studies strives to be sensitive to the under-representation of other groups. Thus, there is a strong effort to recognize and document the diversity of women's experiences across age, race, ethnic group, social class, and physical condition. Offering a more inclusive understanding of humanity, women's studies naturally strengthens preparation for many careers in both the public and private sectors.

The Women's Studies Program is committed to empowering students as active learners. Courses use collaborative and interactive approaches that encourage reflection, challenge existing viewpoints, and further develop critical thinking.

For admission into the Women's Studies Program, a student must be in good academic standing. To qualify for the major or the minor, a student must have completed the course requirements and have at least a 2.0 GPA.

School of Business

Contact Information

Phone: 401.865.2332

URL: <http://business.providence.edu>

E-Mail: pcsb@providence.edu

Location: Ryan Center for Business Studies, Room 135

Sylvia Maxfield, Ph.D., *Dean*

Programs

The Providence College School of Business (PCSB) includes undergraduate programs in accountancy, finance, management, and marketing, and the Master of Business Administration (M.B.A.) Program. Completion of the curriculum leads to a bachelor of science (B.S.) degree for undergraduate students and the M.B.A. degree for graduate students. Minors are offered in accountancy and finance. The College also offers a minor in Business and Innovation, open to students in the School of Arts & Sciences and the School of Professional Studies.

Mission

The mission of the Providence College School of Business is to provide a values-based, business education that enables students to excel in their chosen field, and prepares them for meaningful work and life in a dynamic world.

Core Values

The transformative power of business. We believe in the transformative power of business for all people, as a foundational driver of both economic development and societal progress.

Academic excellence and achievement. Excellence in teaching, learning, research, and service is essential to the School of Business. Such achievement can be seen in engaged and accomplished students, and faculty who balance innovative teaching with widely recognized and impactful research.

The Catholic, Dominican tradition. Our perspective is enhanced by the Catholic foundation of the college, where notions of service, ethical responsibility, and respect for the dignity of all people are fundamental.

A holistic approach to leadership, informed by the liberal arts. Our graduates will be both functional experts and ethical decision-makers, leaders with the knowledge to make sound decisions and the integrity to make responsible ones.

Integration and collaboration. We believe in an integrated learning model, where faculty, students, alumni, and practitioners can mutually benefit from collaboration inside and outside of the classroom.

Courses Included in the School of Business Core Curriculum

All business undergraduate majors share a common set of core courses. This allows students more flexibility to switch between business majors during their first two years and ensures that business graduates have a broad understanding of all major business disciplines.

PCSB Major Requirements and Policies

All students majoring in business need to follow PCSB requirements. Major requirements may vary. Students should consult with their faculty advisor and the Academic Guidebook to review the Academic Planning Form pertinent to their program of study. In addition, students should review course descriptions regarding any prerequisites for required courses. Graduation requirements include a minimum of 120 credit hours, although some academic programs may require additional credits. Please refer to the Academic Resources section of the catalog for more information. Information regarding the Core Curriculum is available within each course and online. Additional requirement and policy information can be found on the School of Business website.

Business Core

ACC 110 - Computer Applications in Business I AND ACC 111 - Computer Applications in Business II
OR

ACC 113 - Data Applications in Business

ACC 203 - Financial Accounting

ACC 204 - Managerial Accounting

FIN 207 - Managerial Finance I

FIN 217 - Statistical Analysis for Business Decisions I*

FIN 310 - Operations Management

MGT 301 - Organizational Behavior**

MGT 330 - Legal Environment for Business I

MKT 205 - Principles of Marketing

**MTH 217- Introduction to Statistics can be substituted for FIN 217 for all majors. Higher level Statistics may be substituted with permission from PCSB.*

***Courses may fulfill College Core Curriculum requirements.*

PCSB GPA Requirement

All new PCSB majors will be required to have at least a 2.5 cumulative GPA at the completion of two semesters of academic work at PC to continue in their business major. Non-business majors interested in changing their major to business will need at least a 2.5 cumulative GPA and must attend a Declaration of Major session. The PCSB will not accept change of major requests after second semester sophomore year. Additional deadlines, policies, and procedures can be found on the School of Business website.

Math Requirements

For all newly declared business majors, the math requirement will be met by the following:

Students will be required to complete the ALEKS mathematics assessment* at an 85 percent proficiency by the first day of classes: and

Successful completion of the MTH 107 course; OR MTH 108, MTH 109, MTH 131, or MTH 132.

Math requirements for students in the Providence College School of Business are linked to intended career paths.

Marketing majors	Math requirement: MTH 107 Mathematics for Business Analysis I Marketing majors will take an additional math proficiency exam in MKT 205 within first 2 weeks of classes
Finance majors/minors AND 4+1 MBA Track	Math requirement is one of the following: MTH 108 Mathematics for Business Analysis II MTH 109 Calculus I MTH 131 Calculus and Analytical Geometry I MTH 132 Calculus and Analytical Geometry II
Accountancy and Management majors	One of the following math courses is recommended**: MTH 108 Mathematics for Business Analysis II MTH 109 Calculus I MTH 131 Calculus and Analytical Geometry I MTH 132 Calculus and Analytical Geometry II **MTH 107 fulfills minimum requirement for Accountancy and Management majors

*All PCSB students are required to demonstrate proficiency in finite mathematics. As a result, all new and incoming business students must successfully complete MTH 107 (or higher) and ALEKS. ALEKS is an on-line math learning and assessment tool which is used to measure math proficiency and help bring students up to the expected levels on finite math topics.

Study Abroad for Business Majors

The Center for Global Education and the School of Business have approved a list of programs for business majors. Program options are based on the semester that students will be going abroad. Students will choose a program from the list and participate in an internship, or other approved form of experiential learning, while abroad.

Honor Societies

Alpha Mu Alpha (AMA)

Beta Gamma Sigma (BGS)

Clubs & Organizations

Association of Latino Professionals in Finance & Accounting (ALPFA)

American Marketing Association (AMA)

Beta Gamma Sigma (BGS)

Future Friar Executives Board

PCSB Student Mentor Program

Providence College Accounting Association

Providence College Entrepreneurship Society

Providence College Finance Society

Providence College Women in Business

Business Studies Program

Certificate

Contact Information

Phone: 401.865.2661

Fax: 401.865.2978

Location: Harkins Hall, Room 213

The Faculty

Assistant Professor

Joseph A. Gemma, M.B.A., *Interim Director*

The Business Studies Certificate will be phased out starting with the Class of 2020 and replaced by the Business and Innovation minor. The BI minor is only available to students in the Schools of Arts and Sciences and Professional Studies. Business School majors are NOT eligible for the minor.

Students not already formally enrolled in BSP from classes of 2019 and 2020 must be granted an exception by the Program Director. Please begin by submitting the exceptions form to the Interim Director.

4+1/M.B.A. Program

Contact Information

M.B.A. Program Office

Phone: 401.865.2294

URL: business.providence.edu/mba

E-mail: mba@providence.edu

Location: Ryan Center for Business Studies, Room 135A

The Program

The 4+1/M.B.A. Program is designed to allow undergraduate students to continue study for an additional year upon completion of the undergraduate degree and receive the Master of Business Administration degree. The program is available to all undergraduate students and those who are interested in the program should apply for admission during their junior undergraduate year. Admission is granted to those students who meet established M.B.A. graduate admissions criteria. Accounting majors interested in fulfilling a concentration in Accounting and planning to sit for the CPA should contact the MBA Program Office.

Criterion needed to apply to the program includes:

- an online application
- application fee
- resume
- personal statement
- official transcript(s) from all institutions attended
- submission of official GMAT score
- two forms of recommendation

Upon receipt of the application materials, the M.B.A. graduate admissions committee will review the student's application.

The MBA Program encourages students to apply during their junior year for acceptance into the 4+1 MBA Program. Students who apply during their junior year may be eligible to begin their MBA Program during their senior year, allowing for the completion of the Program in one year (post baccalaureate degree).

For additional information, including the application process, refer to the MBA Program website.

Upon acceptance, relevant prerequisites must be completed **before** enrolling in graduate business courses (unless specified by the program). The master of business administration degree requires the completion of 12 graduate courses, nine core courses and three elective courses.

4+1/M.B.A. students are required to complete an internship as part of the program and must do so the first semester of admittance.

Accountancy

Contact Information

Phone: 401.865.2332

Fax: 401.865.2978

Location: Ryan Center for Business Studies, Room 135

The Faculty

Professor

Christine E. Earley, C.P.A., Ph.D., *Chairperson*

Patrick T. Kelly, Ph.D.

Associate Professor

Matthew J. Keane, C.P.A., Ph.D.

Sonia Gantman, Ph.D.

Stephen J. Perreault, Ph.D.

Assistant Professors

Julia M. Camp, C.P.A., Ph.D.
Carol A. Hartley, C.P.A., M.B.A.
Stephen G. Kuselias, C.P.A., Ph.D.
Judith M. Morse, M.S.T.

Accountancy

Bachelor of Science

Accountancy is the study of the means used to communicate financial and economic information to decision-makers. The curriculum concentrates on developing a strong understanding of the rationale behind and implications of the accounting treatment afforded various economic transactions. Additionally, the student is introduced to the various tools used by the accounting professional.

The program's objective is to enable the student to adapt the knowledge and skills developed through the study of accounting to new situations encountered in a dynamic business environment. The curriculum includes a variety of learning experiences including case analyses, computer labs and assignments, team projects, oral presentations, internships, and research projects.

The accountancy program prepares graduates to pursue careers as certified public accountants, private accountants, financial managers, financial analysts, internal auditors, certified management accountants, and government auditors. Graduates are also prepared for advanced study in the fields of law or business. Students who minor in accountancy augment other majors with knowledge and skills that are transferable to a wide variety of careers.

C.P.A. Exam Requirement

Requirements to sit for the Uniform Certified Public Accountant (C.P.A.) exam vary by state. Certain states require specific electives and/or additional courses beyond the major requirements stated below. Other states require C.P.A. candidates to have completed 150 hours of education prior to sitting for the C.P.A. exam. Providence College offers a Master of Business Administration Program that provides an opportunity for the student to fulfill the 150 hours education requirement. Students are advised to contact the appropriate state Board of Accountancy for specific requirements and consult with their advisor to develop a plan to meet those requirements. Students may also refer to the accountancy department Web site at <http://business.providence.edu/accountancy>.

PCSB Major Requirements and Policies

All students majoring in business need to follow PCSB requirements. Major requirements may vary. Students should consult with their faculty advisor and the Academic Guidebook to review the Academic Planning Form pertinent to their program of study. In addition, students should review course descriptions regarding any prerequisites for required courses. Graduation requirements include a minimum of 120 credit hours, although some academic programs may require additional credits. Please refer to the Academic Resources section of the catalog for more information. Information regarding the Core Curriculum is available within each course and online. Additional requirement and policy information can be found on the School of Business website.

Accountancy

Minor

Students entering in the minor must have a GPA of at least 2.0.

Finance

Contact Information

Phone: 401.865.2332

Fax: 401.865.2978

Location: Ryan Center for Business Studies, Room 135

The Faculty

Professors

M. Cary Collins, Ph.D., *Michael A. Ruane Endowed Professor in Finance*

Gregory Lu Light, Ph.D.

Vivian O. Okere, Ph.D., *Chairperson*

David A. Zalewski, Ph.D.

Associate Professor

Marcin W. Krolkowski, Ph.D., C.F.A.

Alli Nathan, Ph.D.

Edward Szado, Ph.D., C.F.A.

Liu Wang, Ph.D., C.F.A., C.F.P., C.A.I.A.

Assistant Professors

Wendy Chen, Ph.D.

Juan David Cortes Ortiz, Ph.D.

Teodros Getachew, Ph.D.

Jonathan E. Jackson, Ph.D.

Paul J. Maloney, C.P.A., C.F.P., M.B.A.

Michael T. Shafer, Ph.D.

Finance

Bachelor of Science

The Department of Finance offers a program of study leading to the degree of bachelor of science. In addition, the department offers a minor in finance.

Both programs are designed to expose students to the traditional areas of study within the discipline of finance: corporate finance, investments, and financial institutions.

Fast Track Option

The Department of Finance offers a Fast Track Option in its program plan of study for selected first-year students. This option provides the student the opportunity to complete the required courses in Finance at a faster pace and enroll in higher level finance courses sooner, which may result in students being better prepared for careers in commercial banking/credit risk analysis, investment/wealth management and corporate treasury management. Students with acceptable scores in AP Calculus, AP Statistics, AP Economics and SAT (Math) scores above 600 are strongly encouraged to apply for this track.

Chartered Financial Analyst (CFA) Level I

The B.S. degree in finance has been accepted into the CFA Institute University Recognition Program. This status is granted to institutions whose degree programs incorporate at least 70% of the CFA Program Candidate Body of Knowledge (CBOK) and placing emphasis on the CFA Institute Code of Ethics and Standards of Practice within the program. It positions our students well to sit for the CFA Level I examination. The Chartered Financial Analyst designation (earned after successful completion

of CFA Levels I, II and III exams) has become the most respected and recognized investment credential in the world.

Certified Treasury Professional (CTP)

The CTP is the flagship for students desiring to pursue careers in Treasury Management. The finance department is a member and a participant in the Association of Finance Professionals (AFP) Corporate Treasury Management (CTM) Program. The CTP is the Global Standard of Excellence in Treasury Management. As a participant, the finance department has been granted access to the resources that will assist instructors in the delivery of the course and in preparing finance majors to sit for the CTP examination. The programs are called the PCSB Investment Management Track (PC-IMT) and Treasury Management Track respectively. Offering these options at the undergraduate level will provide Providence College students with a clear competitive advantage, increasing their value to a wide range of employers, including those involved with securities analysis, investment banking, treasury management, asset-liability management, and financial planning.

Finance

Minor

Management

Contact Information

Phone: 401.865.2332

Fax: 401.865.2978

Location: Ryan Center for Business Studies, Room 135

The Faculty

Professors

Matthew Eriksen, Ph.D.

Sylvia Maxfield, Ph.D.

David P. McIntyre, Ph.D., *Chairperson, Michael A. Ruane Endowed Professor in Management*

Pamela D. Sherer, Ph.D.

Assistant Professors

Joseph A. Gemma, M.B.A.

Thomas R. King, Ph.D.

Christopher J. Lyddy, Ph.D.

Deirdre G. Snyder, Ph.D.

Arati Srinivasan, D.B.A.

Management

Bachelor of Science

The management curriculum develops students' analytical, critical, and strategic thinking skills to prepare them for local, national, and global leadership positions in a variety of organizations.

Students majoring in management develop competencies in a number of areas, including:

- Self-awareness
- Management skills, including those grounded in the liberal arts, required to thrive in 21st century organizations

- Leadership and teamwork
- Qualitative and quantitative reasoning
- Strategic thinking and innovation.

Management competencies and skills are developed through diverse instructional approaches, exposing students to current trends in management and leadership theory and practice and through experiential learning opportunities in real-world settings.

The management curriculum is complemented by the College's liberal arts foundation, enhancing students' ability to contribute to a business environment that is becoming increasingly global. Leading and motivating people, making ethical decisions, solving business problems, and working in global, competitive, and dynamic environments are challenges for which we prepare our management majors.

The Department of Management offers core courses that develop students' foundational skills, ones they will need to meet these challenges. The management curriculum also provides the flexibility of electives in areas such as leadership, innovation, and entrepreneurship, which allow students to deepen their knowledge and skills in more specific areas of interest.

The department also offers its majors a number of valuable educational opportunities both inside and outside of the classroom. These include:

- Participating in a management internship in a specific field of interest. Such an internship may be incorporated into a practicum in which student interns share their experience with each other as well as meet with business professionals from various companies;
- Complementing an interest in international business with foreign language study and a semester or year abroad;
- Examining current management issues such as globalization and workplace diversity in core and elective courses;
- Participating in a variety of student clubs and guest speaker forums related to management topics;
- Designing and completing an independent study project in the senior year;
- Benefiting personally from the department's active relationship with the College's career placement center;
- Connecting with a growing valuable alumni network as well as with upper-class management majors as a complement to the department's advising process.

Marketing

Contact Information

Phone: 401.865.2332

Fax: 401.865.2978

Location: Ryan Center for Business Studies, Room 135

The Faculty

Professors

Cemal A. Ekin, Ph.D., Emeritus

Daniel R. Horne, Ph.D.

John J. Shaw, D.B.A., Emeritus

Associate Professors

Piotr Chelminski, Ph.D.
Mark DeFanti, Ph.D., *Chairperson*
Ronald L. Jelinek, Ph.D.
Scott A. Wright, Ph.D.

Assistant Professors

Sarah Alhouti, Ph.D.
Helen M. Caldwell, Ph.D.
Kevin Newman, Ph.D.
Ainslie E. Schultz, Ph.D.

Marketing

Bachelor of Science

Marketing costs absorb about half of each buyer's dollar, with its activities being performed in both business and nonprofit organizations, and on both a domestic and international stage. Marketing activities help businesses generate profits and help fuel the global economy. New technology has dramatically expanded marketers' ability to connect with customers, and socially responsible marketing can promote the welfare of consumers and society.

Marketing involves an examination of the exchange processes by which consumers and organizations satisfy their wants and needs. Thus it requires an understanding of consumer behavior, motivation of sales personnel, the impact of advertising and promotion on potential consumers, cultural differences in the global marketplace, market research techniques, and the role of marketing on the Internet.

Success in marketing requires both quantitative and qualitative skills. Our program is designed to develop these skills through a broad-based business curriculum coupled with a functional knowledge of marketing. Our small class sizes offer students opportunities to interact regularly with faculty. Many classes have team projects, which develop interpersonal and leadership skills. Effective oral and written communications are stressed throughout the program. Furthermore, excellent career opportunities are available to students through our marketing internship program.

The marketing program helps students become familiar with the marketing process and with the theoretical concepts, tools, and skills necessary to successfully enter and advance in the global marketing arena.

The Department of Marketing also offers a Marketing Fellows program as a plan of study. Students who are invited to participate will complete the required courses in Marketing with a cohort of highly qualified fellows, which will likely improve their candidacy for internships and entry-level positions in their chosen careers.

School of Professional Studies

Contact Information

Phone: 401.865.2247
URL: www.providence.edu/professional-studies
E-mail: professionalstudies@providence.edu
Location: Harkins Hall 217

Jennifer E. Swanberg, Ph.D., Dean

The School of Professional Studies is composed of the undergraduate programs in education (secondary and elementary/special education), health policy and management, and social

work. Included within the school are the graduate programs in school administration, counseling, literacy, urban teaching, and special education (elementary and secondary). In addition, the College offers a two-year, secondary education Providence Alliance for Catholic Teachers (PACT) master's program designed for college graduates willing to live in faith-based communities and teach in inner-city New England Catholic schools. Upon completion of a graduate program, students receive an M.Ed. degree.

The programs adhere to the mission of Providence College and their stress on values focuses on moral and spiritual growth. We are committed to creating for students an environment that is grounded in mutual trust, shared responsibility, and open communication. Within the context of the liberal arts, the School of Professional Studies supports the practical role of preparing students for a career. We are dedicated to providing students an academic program that allows them a realization of their vocation as well as a strong commitment to scholarship. The interest of all our programs in preparing individuals who are dedicated to servicing and improving the lives of the people in their community is paramount.

The social work major requires 600 hours of professionally supervised internships in community health and human services organizations and is fully accredited by the Council on Social Work Education (CSWE). Health Policy and Management requires a structured field experience and favors an interdisciplinary approach to the study of health and health care. All education programs have been approved by the Rhode Island Department of Education. Rhode Island is a member of National Association of State Directors of Teacher Education and Certification (NASDTEC), which provides for streamlined teaching certificate transfer to most U.S. states and territories.

Elementary/Special Education

Contact Information

Phone: 401.865.2121

Fax: 401.865.1021

Location: Harkins Hall 328

Chairperson: Vance G. Morgan, Ph.D.

The Faculty

Professors

Jane P. Callahan, Ph.D., Emerita

Laura Boynton Hauerwas, Ph.D.

Lynne B. Ryan, Ph.D.

Associate Professors

Laurie L. Grupp, Ph.D.

Anthony M. Rodriguez, Ph.D.

Susan F. Skawinski, Ed.D.

Marcy B. Zipke, Ph.D.

Assistant Professors

Heather C. Allcock, Ph.D.

Jeri G. Gillin, Ed.D.

Catherine L. Keating, Ph.D.

Lin Zhang, Ph.D.

Elementary/Special Education

Bachelor of Arts

The Elementary/Special Education major is a merged program that emphasizes preparation in both areas. Throughout this program, elementary/special education majors develop an understanding of effective elementary curriculum and pedagogy as well as knowledge of individual differences and strategies to differentiate instruction and implement specialized supports to meet students' academic and behavioral needs. Upon completion of the program, elementary/special education majors are eligible for certification in both elementary education and special education in Rhode Island and a number of other states.

To complete the elementary/special education major in four years students must declare the major during their freshman year.

Although students may be accepted to the College as elementary/special education majors, *this is a provisional acceptance to the program*. Formal admission will take place during the sophomore year. Minimally, this process requires students to have and maintain an overall grade point average of at least 2.75; earn a "C" or better in all education classes; meet Rhode Island Department of Education required scores on the SAT, ACT, or Praxis Core exam; and demonstrate appropriate professionalism.

Students are required to follow a prescribed program that includes integrated course work and multiple field experiences in local elementary schools, many of which are in diverse settings. Elementary/special education majors complete their first field experience at Providence after-school programs during one of their first three semesters at the College. The program culminates with two semesters of student teaching: a minimum of 12 weeks with an elementary teacher and a minimum of 12 weeks with an elementary/special education teacher.

Education study abroad semester is available in the fall of the junior year.

Please see the Education Programs section of this Catalog for important admission information.

Health Policy and Management

Contact Information

Phone: 401.865.2453

Fax: 401.865.2978

Location: Howley Hall 203

The Faculty

Professors

Robert B. Hackey, Ph.D., *Program Director*

Paul E. Pezza, Ph.D., Emeritus

Associate Professors

Tuba I. Agartan, Ph.D.

Deborah I. Levine, Ph.D.

Jessica Mulligan, Ph.D.

Todd M. Olszewski, Ph.D.

Health Policy and Management

Bachelor of Science

The Department of Health Policy and Management (HPM) offers a course of study leading to the bachelor of science degree. The program prepares undergraduate students for entry-level positions in health services management, health policy making, and public health practice and also provides a strong foundation for graduate study. Required coursework builds on the student's liberal arts background and fosters the value of an interdisciplinary approach to the study of health and health care. It seeks to develop future decision-makers and leaders who will navigate the complexities of the health care system with competence and compassion.

HPM faculty bring an interdisciplinary perspective to the study of health and health care; program faculty have graduate training in the history of medicine, medical anthropology, health politics and policy, and medical sociology. Our faculty are actively engaged in scholarly and applied research in their respective fields. All HPM majors are assigned a full-time faculty member as an academic advisor.

The department's interdisciplinary perspective offers a unique training ground for those who will lead in the development of healthier communities through professional practice, research, and service. Our curriculum recognizes the need to balance theory with practice and provides for a structured field experience during the senior year. This required internship offers meaningful opportunities for students to link theory with practice, explore potential careers, and develop networking skills prior to graduation.

Health Policy and Management graduates work in many different areas both within and outside of the health care industry. In recent years our graduates have found employment in government, hospital administration, health insurance, health information technology, health law, health care financial management, human resources management, pharmaceutical sales and product development, public health, quality improvement, and research and teaching.

Secondary Education

Contact Information

Phone: 401.865.2121

Fax: 401.865.1021

Location: Harkins Hall 328

The Faculty

Professor

Nuria Alonso García, Ph.D. (Global Studies/Secondary Education)

Associate Professors

Comfort M. Ateh, Ph.D.

Brian M. McCadden, Ph.D.

Carmen A. Rolon, Ed.D.

Assistant Professors

Kevin J. O'Connor, Ph.D., *Program Director*

Secondary Education

Preparation for a teaching career requires: (1) a background of general education, (2) specialization in the subject area, and (3) study in the field of education. The subject areas in which students may be certified include:

- Biology/Secondary Education (B.S.)
- Biology/Secondary Education (B.A.)
- Chemistry/Secondary Education
- English/Secondary Education
- Foreign Language/Secondary Education (French, Italian, or Spanish)
- History/Secondary Education (eligible for RI certification in Social Studies)
- Mathematics/Secondary Education
- Physics/Secondary Education

Students preparing for the teaching profession must complete a subject area major in addition to the teacher preparation program. Please refer to the appropriate department or program sections of this catalog for the suggested sequence of courses for the subject areas listed above.

Although students may be accepted to the College as Secondary Education majors, this is a provisional acceptance to the program. Formal Admission will take place during the sophomore year. Minimally, this process requires students to have and maintain an overall grade point average of at least 2.75; earn a "C" or better in all education classes; meet Rhode Island Department of Education required scores on the SAT, ACT, or Praxis Core exam; and, demonstrate appropriate professionalism.

Students are required to follow a prescribed program that includes integrated course work and multiple field experiences in local middle and secondary schools (and elementary schools for the Foreign Language areas), many of which are in diverse settings. Secondary Education majors generally complete their first field experience during the fall of their sophomore year. They then continue with field experiences through to the culminating student teaching semester in spring of senior year.

Please see the Education Programs section of this catalog for important Secondary Education admission information.

A course program must be planned with the director of secondary education, preferably prior to registration for the spring semester of sophomore year. Minimum undergraduate preparation in the field of education consists of 32 semester hours.

Social Work

Contact Information

Phone: 401.865.2125

Fax: 401.865.2232

Location: Howley Hall 119

The Faculty

Associate Professor

Katherine M. Kranz, Ph.D., *Chairperson*

Assistant Professors

Susan Grossman, D.S.W.

Michael L. Hayes, Ph.D.

Director of Field Education

Kendra Marasco, M.S.W.

The Major

The social work major is a professional practice preparation program for those interested in *working with people*-counseling children in schools; supporting families coping with critical medical diagnoses; developing programs for at-risk youth; strengthening families through parenting education; readying children for adoption; coordinating services for fragile elders; advocating for the best interest of children in family court; mobilizing disaster relief resources; *leadership*-ascertaining and articulating the needs of special populations such as children in state care, older adults, victims of human trafficking; developing programs to address problems such as domestic violence, bullying, HIV/AIDS, and addictions and mental health; and *social and economic justice*-advocating for affordable healthcare at the state and national level; bringing together individuals and organizations to develop strategies to address the problem of homelessness, and advancing human rights of women in developing countries.

Students follow a prescribed program of studies that combines classroom learning and approximately 600 *hours of professionally supervised internships* in community health and human services organizations, preparing students with the knowledge, competencies, experience, and confidence needed to move immediately following graduation into social work positions in child welfare agencies, mental health and addiction settings, child and family services organizations, youth development programs, adoption agencies, Early Intervention programs, nursing home and rehabilitation facilities, family court programs, advocacy organizations, Head Start and Early Start programs, and international human service organizations.

Internship experiences are an integral part of the social work curriculum with academic credit granted for both classroom studies and internship affiliations.

Accreditation

The social work program at Providence College is fully accredited by the Council on Social Work Education (CSWE), the duly authorized national accrediting body for baccalaureate and master-level programs in social work. Graduation from an accredited program is one of the qualifying credentials for baccalaureate level social work licensure. Further, the accredited status of the program enables students to establish their eligibility for advanced standing in graduate social work programs, making it possible for them to complete their MSW in approximately one year.

Course Work

In the social work program, course work focuses on human behavior across the life span and in social systems; social problems and the significance of the forces that affect important social policies and policy development; the appreciation of diversity and work with diverse populations; theories, methods, and skills for working with individuals, families, groups, and communities; professional values and ethics; and research theory and methodology for use in evaluating practice, policies, and programs. Elective courses address global social issues, at-risk children and youth, HIV-AIDS, substance abuse, relational violence, and mental health and dysfunction.

Internship Experience

During students' junior and senior years, internships run concurrently with professional course work, involving students with the actual practice of social work in schools, hospitals, child welfare, early childhood settings, victim assistance programs, adult day care, family court, community mental health agencies, family preservation programs, home-based service programs for children with developmental disabilities and their families, residential treatment settings, youth detention facilities, adoption agencies, probation and parole, social policy research and advocacy organizations, community organizing agencies, and community development programs. Emphasis is placed on acquiring experience and beginning professional competencies with individual, group, and family

counseling, case management and service coordination, resource development, community organizing, individual and political advocacy, systematic practice evaluation, and influencing social policy.

With careful early planning and accommodations, students can participate in a variety of study abroad programs sanctioned by the College, one of which involves working with social work organizations in Cuernavaca, Mexico. Students majoring in social work also enjoy opportunities to work collaboratively with departmental faculty members on research and to present the results of this research at professional conferences nationally.

The decision to major in social work is a serious one, guided by the student's social work faculty advisor as the student progresses through the major. It is through this relationship that students gain a more personalized understanding of social work and can begin to envision and fashion their career path as professional social workers.

Social Work

Bachelor of Arts

Academic Programs

NOTE:

Academic programs vary in their requirements. Students should consult with their faculty advisor and the Academic Guidebook to review the Academic Planning Form pertinent to their program of study. In addition, students should review course descriptions regarding any prerequisites for required courses. Graduation requirements include a minimum of 120 credit hours, although some academic programs may require additional credits. Please refer to the Academic Resources section of the catalog for more information. Information regarding the Core Curriculum is available within each course and online.

Bachelor of Arts

American Studies

Bachelor of Arts

A program is offered in American Studies that leads to the bachelor of arts degree.

American Studies is an interdisciplinary program that examines the history, literature, culture, and institutions that make up the American experience. This interdisciplinary character is exhibited in two ways: (1) students take their 12 hours of mandated American Studies electives from among a wide variety of courses offered by the College in the humanities, the social sciences, and the arts; (2) students also take 12 hours of special American Studies seminars in their junior and senior years. These seminars are organized around specific topics in the American experience. They give the concentration its special strength and character.

American Studies allows individuals to design their programs according to their own needs and interests. Each major works closely with an advisor to develop a course of studies that will be most individually beneficial. It is possible, therefore, to concentrate one's American Studies electives within a single traditional discipline. It is also possible to effect a new synthesis by carefully choosing from

among the more than 80 courses designed as American Studies electives. A list of designated electives is posted by the director of the program before registration each semester.

American Studies provides its graduates with a good deal of flexibility. It is important to remember in this period of intense pressure toward narrow vocationalism that the life of the mind is best served by fully developing the powers of analysis, responsiveness, expression, and computation. The program is designed to provide a solid background for students interested in professional studies such as law, administration, or teaching; for M.B.A. programs (most of which prefer non-business majors); for graduate work in American Studies itself, or in one of its constituent fields; for government, journalism, civil service, or communications.

Required Courses

A major in American studies requires 30 credits: six credits in U.S. history, taken in the freshman or sophomore year; 12 credits of American studies electives, taken in the junior and senior years from among the more than 80 designated courses; 12 credits in the junior-senior seminars.

AMS 101 - Introduction to American Studies 3 Credits (Recommended; may be replaced by another AMS elective)

(3) American Studies Electives

(4) American Studies Seminars

HIS 103 - U.S. History to 1877 3 Credits

(Students may elect either HIS 255 - Colonial North America: From Contact to Constitution (to 1789) or HIS 256 - Creating a Nation from Founding to Civil War (1789-1877) as an alternative to HIS 103)

HIS 104 - U.S. History Since 1877 3 Credits

(Students may elect HIS 257 - Redefining the United States at Home and Abroad (1877-1939) as an alternative to HIS 104)

Art History

Bachelor of Arts

The major in art history is designed for undergraduates interested in a humanistic education, as well as for those who may pursue careers in college-level teaching, research, museums and galleries, historic preservation, and related careers. The art history division emphasizes the historical, cultural, and formal contexts of art. Art history majors begin study in introductory surveys of major artistic achievements from antiquity to the 21st century, and then deepen their knowledge in courses covering individual aspects and periods.

Students are required to take at least one course in each of the following core areas: ancient, medieval, Renaissance, modern, and non-Western; one 400-level seminar; ARH 380 Interpretive Methods; and ARH 498, consisting of the preparation of the thesis in the senior year, which is the culmination of the art history program where students write an original research project that is potentially published in the PC *Art Journal*. In addition, students are encouraged to take a wide variety of art history electives and to develop programs related to individual interests and backgrounds.

Art history majors are required to take two courses in studio art, so that they will experience and appreciate the methodology of the creative artist. Additionally, reading knowledge of French or German is required, which is demonstrated by taking two college-level semesters of either language.

Required Courses

ARH 106 - Art History Survey 3 Credits

ARH 200 - Art of the Ancient Classical World (Crete, Greece, and Rome) 3 Credits

ARH 204 - Medieval Art and Architecture 3 Credits

ARH 205 - Italian Renaissance Art 3 Credits

ARH 209 - Modern Art 3 Credits

OR

ARH 304 - American and European Art Since 1945 3 Credits

ARH 380 - Interpretive Methods in Art History 3 Credits

ARH 498 - Principles of Research 3 Credits

ARH 103 - Tribal and Village Art 3 Credits

OR

ARH 104 - Asian Art 3 Credits

(2) Studio Art Electives

(1) Art History Elective

(1) Art History Elective (400-level seminar)

(2) Language Courses (either French or German)

PHL 407 - Philosophy of Art is recommended for majors when offered.

Biology

Bachelor of Arts

The B.A. program allows students sufficient flexibility to explore their breadth of interests and still acquire an in-depth knowledge of the sciences.

Required Courses

In addition to the College's general degree requirements, the courses required for the B.A. degree are two semesters of General Biology and General Chemistry, one semester of Organic Chemistry, Physics, Calculus, and Introduction to Cell and Molecular Genetics, plus seven (7) additional courses - three (3) biology courses with laboratories (4 credits each) and four (4) approved science courses above the introductory level elected from biology, chemistry, computer science, mathematics, and physics [Exceptions allowed: CHM 202, EPS 102, MTH 110, 131, 132, 217, and 218.]

It is strongly recommended that students in the B.A. program participate in some form of experiential education, e.g., internships, research (on- or off-campus) or attend a field school for at least one summer.

Premedical Sciences Preparation

The B.S. and B.A. degree programs meet the science requirements demanded for admission to professional schools specializing in the health sciences such as medicine, dentistry, optometry, nursing, physical therapy and veterinary medicine. However, some students whose interests lie in other areas may elect to major in a non-science department while still successfully completing the prerequisites for medical, dental, veterinary, nursing, physical therapy, or optometry school admission. Students who are planning for a career in the medical sciences should consult with the advisor for health professions early in their freshman year. For more information, please refer to the Premedical Sciences and Health Professions Programs section of this catalog.

Neuroscience Certificate Program

Please refer to the Neuroscience Certificate Program section of the Catalog for information about an integrated course of study in neuroscience for biology and psychology majors.

Biology electives may be from any of the following:

Either Research (BIO 395, 396, 495 or 496) OR Internship (BIO 450) will count as a biology elective, not both, and any additional courses under these numbers will count as free electives.

- BIO 201 - Comparative Anatomy 4 Credits
- BIO 205 - Human Anatomy 4 Credits
- BIO 210 - Field Botany 4 Credits
- BIO 215 - Histology and Cytology 4 Credits
- BIO 220 - An Introduction to Tropical Biology 4 Credits
- BIO 225 - Symbiosis 3 Credits
- BIO 227 - Genes and Gender 3 Credits
- BIO 240 - Marine Biology 4 Credits
- BIO 308 - Modern Genetics 4 Credits
- BIO 310 - Evolution 3 Credits
- BIO 320 - Developmental Biology 4 Credits
- BIO 330 - Comparative Biomechanics 4 Credits
- BIO 350 - Animal Behavior 4 Credits
- BIO 360 - Neurobiology 4 Credits
- BIO 395 - Research 3 Credits
- BIO 396 - Research 3 Credits
- BIO 401 - Ecology 4 Credits
- BIO 405 - Physiology 4 Credits
- BIO 407 - Microbiology 4 Credits
- BIO 410 - Electron Microscopy 4 Credits
- BIO 413 - Cell Signaling 3 Credits
- BIO 416 - Immunology 4 Credits
- BIO 450 - Internship 3 Credits
- BIO 475 - Advanced Topics Seminar 3 Credits
- BIO 476 - Advanced Topics Seminar 4 Credits
- BIO 495 - Research 3 Credits

- BIO 496 - Research 3 Credits
- CHM 309 - Biochemistry I 3 Credits
- MTH 218 - Biostatistics 3 Credits (MTH Core for B.S. program; Science elective for B.A. program)
- PSY 315 - Human Neuropsychology 3 Credits
- PSY 326 - Biopsychology 3 Credits
- PSY 426 - Experimental Biopsychology 4 Credits

Biology/Optometry

Bachelor of Arts

Combined Degree Program with New England College of Optometry

This program is designed for the highly motivated student with a professional goal in optometry. It allows for completion of the B.A. or B.S. degree in biology and the O.D. degree (doctor of optometry) in seven years, rather than the usual eight.

The first three years at Providence College offer a blend of liberal arts, basic, and biological sciences, which will prepare students for professional study. The next four years at New England College of Optometry (NECO) provide the course work required to complete the Providence College baccalaureate degree as well as the professional training required for the doctoral degree in optometry.

The combined program is designed for the academically outstanding student, especially in math and science, who has a strong and realistic motivation toward the optometric profession. Applications are accepted after completion of one semester at Providence College. All applicants are interviewed by representatives of Providence College and the New England College of Optometry.

The Combined Degree Program with New England College of Optometry fulfills the Core Focus requirement by virtue of completing all requirements for the degree(s). This is applicable provided the following:

Students enroll in five (5) course per semester (in addition to any 1-credit requirements), beginning with the second semester of freshman year.

Students will not have any free electives, and will work closely with their faculty advisor to plan course schedules that fulfill all major and Core requirements.

Students will have more flexibility if they are able to fulfill proficiency requirements with courses that also meet major or Core Foundational requirements.

Required Courses

BIO 103 - General Biology: Cells and Organisms 4 Credits

BIO 104 - General Biology: Ecology and Evolution 4 Credits

BIO 200 - Cell Biology and Molecular Genetics 3 Credits

BIO 407 - Microbiology 4 Credits

CHM 101 - General Chemistry I 4 Credits

CHM 102 - General Chemistry II 4 Credits

CHM 201 - Organic Chemistry 4 Credits

EPS 101 - General Physics I 4 Credits

EPS 102 - General Physics II 4 Credits

MTH 109 - Calculus I 3 Credits

MTH 110 - Calculus II 3 Credits

(2) Biology Electives with Lab

(1) Science Elective (MTH 217 - Introduction to Statistics recommended)

(1) Science Elective (fulfilled by first-year course at NECO)

OAT- February Test Administration

Credits to complete the B.A. degree in biology will be met from among the first-year courses at NECO including Systems Physiology, Microbiology, Immunology, Genetics, Neuroanatomy, Cellular Physiology/Biochemistry/Molecular Pathology I and II.

Biology electives may be from any of the following:

Either Research (BIO 395, 396, 495 or 496) OR Internship (BIO 450) will count as a biology elective, not both, and any additional courses under these numbers will count as free electives.

- BIO 201 - Comparative Anatomy 4 Credits
- BIO 205 - Human Anatomy 4 Credits
- BIO 210 - Field Botany 4 Credits
- BIO 215 - Histology and Cytology 4 Credits
- BIO 220 - An Introduction to Tropical Biology 4 Credits
- BIO 225 - Symbiosis 3 Credits
- BIO 227 - Genes and Gender 3 Credits
- BIO 240 - Marine Biology 4 Credits
- BIO 308 - Modern Genetics 4 Credits
- BIO 310 - Evolution 3 Credits
- BIO 320 - Developmental Biology 4 Credits
- BIO 330 - Comparative Biomechanics 4 Credits
- BIO 350 - Animal Behavior 4 Credits
- BIO 360 - Neurobiology 4 Credits
- BIO 395 - Research 3 Credits
- BIO 396 - Research 3 Credits
- BIO 401 - Ecology 4 Credits
- BIO 405 - Physiology 4 Credits
- BIO 407 - Microbiology 4 Credits
- BIO 410 - Electron Microscopy 4 Credits
- BIO 413 - Cell Signaling 3 Credits
- BIO 416 - Immunology 4 Credits
- BIO 450 - Internship 3 Credits
- BIO 475 - Advanced Topics Seminar 3 Credits
- BIO 476 - Advanced Topics Seminar 4 Credits
- BIO 495 - Research 3 Credits
- BIO 496 - Research 3 Credits
- CHM 309 - Biochemistry I 3 Credits

- MTH 218 - Biostatistics 3 Credits (MTH Core for B.S. program; Science elective for B.A. program)
- PSY 315 - Human Neuropsychology 3 Credits
- PSY 326 - Biopsychology 3 Credits
- PSY 426 - Experimental Biopsychology 4 Credits

Biology/Secondary Education

Bachelor of Arts

Required Courses

This program of study provides certification in Biology and General Science.

1 year General Biology BIO 103-104

1 year General Chemistry CHM 101-102

1 semester Organic Chemistry CHM 201

1 semester General Physics EPS 101

1 semester Calculus MTH 109

1 semester Cell Bio & Mol Genetics BIO 200

3 semesters of a Biology elective with a lab (*Ecology and Physiology are strongly recommended.*)

4 semesters of a science elective (Any course above 100-level from biology, chemistry, computer science, mathematics, and physiology)

EDU 201 - Educational Psychology

EDU 206 - Principles of Secondary Education

EDU 206L - Principles of Secondary Education Field Experience

EDU 301 - Foundations of Education

EDU 303 - The Child with Special Needs in the Regular Classroom

EDU 303L - The Child with Special Needs in the Regular Classroom Field Experience

EDU 401 - Educational Measurement

EDU 401L - Educational Measurement Field Experience

EDU 412 - Teaching Science in Secondary Schools

EDU 412L - Teaching Science in Secondary Schools Field Experience

EDU 449 - Classroom Management for High/Middle School Teachers

EDU 450 - Student Teaching in the Secondary School

Notes

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.75 cumulative GPA, minimum 2.0 average in Biology major courses, C or higher in all Education courses. Please visit the Secondary Education section for additional information.

Biology electives may be from any of the following:

Either Research (BIO 395, 396, 495 or 496) OR Internship (BIO 450) will count as a biology elective, not both, and any additional courses under these numbers will count as free electives.

- BIO 201 - Comparative Anatomy 4 Credits
- BIO 205 - Human Anatomy 4 Credits
- BIO 210 - Field Botany 4 Credits
- BIO 215 - Histology and Cytology 4 Credits

- BIO 220 - An Introduction to Tropical Biology 4 Credits
- BIO 225 - Symbiosis 3 Credits
- BIO 227 - Genes and Gender 3 Credits
- BIO 240 - Marine Biology 4 Credits
- BIO 308 - Modern Genetics 4 Credits
- BIO 310 - Evolution 3 Credits
- BIO 320 - Developmental Biology 4 Credits
- BIO 330 - Comparative Biomechanics 4 Credits
- BIO 350 - Animal Behavior 4 Credits
- BIO 360 - Neurobiology 4 Credits
- BIO 395 - Research 3 Credits
- BIO 396 - Research 3 Credits
- BIO 401 - Ecology 4 Credits
- BIO 405 - Physiology 4 Credits
- BIO 407 - Microbiology 4 Credits
- BIO 410 - Electron Microscopy 4 Credits
- BIO 413 - Cell Signaling 3 Credits
- BIO 416 - Immunology 4 Credits
- BIO 450 - Internship 3 Credits
- BIO 475 - Advanced Topics Seminar 3 Credits
- BIO 476 - Advanced Topics Seminar 4 Credits
- BIO 495 - Research 3 Credits
- BIO 496 - Research 3 Credits
- CHM 309 - Biochemistry I 3 Credits
- MTH 218 - Biostatistics 3 Credits (MTH Core for B.S. program; Science elective for B.A. program)
- PSY 315 - Human Neuropsychology 3 Credits
- PSY 326 - Biopsychology 3 Credits
- PSY 426 - Experimental Biopsychology 4 Credits

Business Economics

Bachelor of Arts

This major is designed for the student who expects to be working in the business or government sectors of the economy, but wishes to take advantage of liberal arts courses in philosophy, humanities, and social sciences to acquire the flexibility necessary to succeed in new situations and to master new information. This concentration differs from the concentration in economics in the breadth of knowledge required of functional business fields and in the areas of application of economic analysis.

Required Courses

- ECN 101 - Principles of Economics: Micro 3 Credits
- ECN 102 - Principles of Economics: Macro 3 Credits
- ECN 201 - Microeconomic Analysis 3 Credits
- ECN 202 - Macroeconomic Analysis 3 Credits
- ECN 214 - Introduction to Econometrics with Computing Lab 4 Credits
- ECN 488 - Economics Senior Capstone 3 Credits

- MTH 108 - Mathematics for Business Analysis II (3 Credits) OR MTH 109 - Calculus I (3 Credits) OR MTH 131 - Calculus and Analytical Geometry I (4 Credits)
- MTH 217 - Introduction to Statistics OR MTH 325 - Probability Theory and Mathematical Statistics I
- ACC 203 - Financial Accounting 3 Credits
- FIN 207 - Managerial Finance I 3 Credits
- ACC 204 - Managerial Accounting 3 Credits

Beyond the required courses, business economics majors shall choose an additional **six** courses from among the department's upper-division electives, at least one of which shall be: ECN 321 - Labor-Management Relations, ECN 322 - Collective Bargaining, ECN 412 - Managerial Economics, ECN 352 - Business, Government, and Society, and/or ECN 451 - Industrial Organization. In addition, at least one of the six must be a 400-level economics course.

Beginning with the Class of 2020: Beyond the required courses, business economics majors shall choose an additional **four** courses from among the department's upper-division electives, at least one of which shall be: ECN 321 - Labor-Management Relations, ECN 322 - Collective Bargaining, ECN 412 - Managerial Economics, ECN 451 - Industrial Organization and/or ECN 352 - Business, Government, and Society. In addition, at least one of the four must be a 400-level economics course.

Chemistry

Bachelor of Arts

The bachelor of arts program in chemistry is an extremely flexible one with fewer required courses in chemistry and mathematics offering a wider scope of elective course opportunities, allowing students to tailor a program to meet their individual needs. This flexibility permits additional undergraduate preparation in other diverse areas such as business and economics, biology, mathematics, English, or education. Within the context of the bachelor of arts program, a number of dedicated programs have been developed that prepare students seeking to enter certain specialized careers.

Required Courses

- CHM 121 - Introductory Chemistry I 4 Credits
- CHM 122 - Introductory Chemistry II 4 Credits
- CHM 221 - Organic Chemistry I 4 Credits
- CHM 222 - Organic Chemistry II 4 Credits
- CHM 321 - Physical Chemistry I 3 Credits
- CHM 331 - Advanced Analytical I 4 Credits
- CHM 381 - Chemistry Seminar 1 Credit
- CHM 382 - Chemistry Seminar 2 Credits
- CHM 401 - Inorganic Chemistry 4 Credits
- CHM 481 - Chemistry Seminar 2 Credits
- CHM 482 - Chemistry Seminar 0 Credits
- EPS 101 - General Physics I 4 Credits
- EPS 102 - General Physics II 4 Credits
- MTH 131 - Calculus and Analytical Geometry I 4 Credits
- MTH 132 - Calculus and Analytical Geometry II 4 Credits
- Science Elective: Chosen from BIO 103-104 or advanced courses in biology, chemistry, physics, or mathematics.

Chemistry/Secondary Education

Bachelor of Arts

Chemistry/Secondary Education

This is designed to provide training in all areas of chemistry for those seeking careers as high school chemistry teachers. Students choose elective courses in education, and the combination of chemistry and education courses has been approved by the Interstate Certification Compact and allows the student to meet the certification requirements of the State of Rhode Island and most other states.

Required Courses

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.75 cumulative GPA, minimum 2.0 average in Chemistry major courses, C or higher in all Education courses. Please see the Secondary Education section for additional information.

- CHM 121 - Introductory Chemistry I 4 Credits
 - CHM 122 - Introductory Chemistry II 4 Credits
 - CHM 221 - Organic Chemistry I 4 Credits
 - CHM 222 - Organic Chemistry II 4 Credits
 - CHM 321 - Physical Chemistry I 3 Credits
 - CHM 331 - Advanced Analytical I 4 Credits
 - CHM 381 - Chemistry Seminar 1 Credit
 - CHM 382 - Chemistry Seminar 2 Credits
 - CHM 401 - Inorganic Chemistry 4 Credits
 - CHM 481 - Chemistry Seminar 2 Credits
 - CHM 482 - Chemistry Seminar 0 Credits
 - EPS 101 - General Physics I 4 Credits
 - EPS 102 - General Physics II 4 Credits
 - MTH 131 - Calculus and Analytical Geometry I 4 Credits
 - MTH 132 - Calculus and Analytical Geometry II 4 Credits
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- EDU 201 - Educational Psychology 3 Credits
 - EDU 206 - Principles of Secondary Education 3 Credits
 - EDU 206L - Principles of Secondary Education Field Experience 1 Credit
 - EDU 301 - Foundations of Education 3 Credits
 - EDU 303 - The Child with Special Needs in the Regular Classroom 3 Credits
 - EDU 303L - The Child with Special Needs in the Regular Classroom Field Experience 1 Credit
 - EDU 401 - Educational Measurement 3 Credits
 - EDU 401L - Educational Measurement Field Experience 1 Credit
 - EDU 412 - Teaching Science in Secondary Schools 3 Credits
 - EDU 412L - Teaching Science in Secondary Schools Field Experience 1 Credit
 - EDU 449 - Classroom Management for High/Middle School Teachers 1 Credit
 - EDU 450 - Student Teaching in the Secondary School 9 Credits

The 3-credit science elective requirement of the B.A. program is automatically fulfilled by BIO 103 - General Biology: Cells and Organisms within this option. BIO 103 is required in order to meet the standards of the Interstate Certification Compact.

Classics

The major consists of eleven courses (totaling at least thirty-three credit hours), including:

Six courses in ancient Greek (GRK) and/or Latin (LAT)

HIS 337 - The Ancient Greek World and HIS 338 - The Roman Republic and Empire

Three electives chosen from the list of approved courses offered by the Department of History and Classics (Classics, History, Greek, and Latin), although up to two of these electives may be approved courses offered by other departments.

Should a student successfully complete advanced Greek (GRK 301/302) and advanced Latin (LAT 301/302) before completing the six-course requirement in Greek and/or Latin, the remainder of this six-course requirement may be satisfied with approved electives.

Should a student pursue a Classics major as well as a History major or minor, only two history courses are permitted to be counted towards both degrees.

If a student took the Latin AP Exam in high school and received a 5 on the exam, he or she will be given credit for having completed one semester of language study.

Acceptable Courses within the History Department include:

CLA 201 - Classics in Translation (topics vary)

CLA 202 - Classics in Translation (topics vary)

CLA 210 - Classical Rhetoric

CLA 427 - Classical America

CLA 490 - Independent Study (used for advanced language study)

CLA 491 - Independent Study (used for advanced language study)

GRK 101 - Elementary Greek

GRK 102 - Elementary Greek

GRK 201 - Intermediate Ancient Greek

GRK 202 - Intermediate Ancient Greek

GRK 301 - Advanced Greek I

GRK 302 - Advanced Greek II

HIS 280 - Ethnicity in the Ancient World

HIS 339 - Ancient Egypt

HIS 360 - Greek and Roman Warfare

HIS 481 - Seminar (only on subjects relevant to the Classical world)

HIS 482 - Seminar (only on subjects relevant to the Classical world)

LAT 101 - Elementary Latin

LAT 102 - Elementary Latin

LAT 201 - Intermediate Latin

LAT 202 - Intermediate Latin

LAT 301 - Advanced Latin I

LAT 302 - Advanced Latin II

Acceptable courses in affiliated departments:

ARH 200 - Art of the Ancient Classical World (Crete, Greece, and Rome)

ARH 470 - Advanced Special Topics in Art History

PHL 206 - The Wisdom of Socrates

PHL 300 - Ancient Philosophy
THL 330 - Early Christian Doctrines

Creative Writing

Bachelor of Arts

Required Courses

- ENG 175 - Introduction to Literature 3 Credits
- (4) Literature Pre-1800 Courses (12 Credits)
- (2) Literature Post-1800 Courses (6 Credits)
- ENG 380 - Creative Writing in Fiction **OR** ENG 381 - Creative Writing in Poetry (3 Credits)
- ENG 442 - Seminar: The Prose Poem (3 Credits)
- ENG 488 - Seminar: Poetry Capstone **OR** ENG 489 - Seminar: Fiction Capstone (3 Credits)

Economics

Bachelor of Arts

This major serves as the core program of the Department of Economics. Its purpose is to prepare the student for entry into a profession as well as for graduate work in economics, business, or related disciplines.

Required Courses

- ECN 101 - Principles of Economics: Micro 3 Credits
- ECN 102 - Principles of Economics: Macro 3 Credits
- ECN 201 - Microeconomic Analysis 3 Credits
- ECN 202 - Macroeconomic Analysis 3 Credits
- ECN 214 - Introduction to Econometrics with Computing Lab 4 Credits
- ECN 488 - Economics Senior Capstone 3 Credits
- MTH 108 - Mathematics for Business Analysis II (3 Credits) **OR** MTH 109 - Calculus I (3 Credits) **OR** MTH 131 - Calculus and Analytical Geometry I (4 Credits)
- MTH 217 - Introduction to Statistics **OR** MTH 325 - Probability Theory and Mathematical Statistics I

In addition to the five core courses in the major, students choose from a wide array of upper-division (300-400 level) economics electives to fulfill their remaining economics course requirements for the major, totaling 21 credit hours. These electives enable the economics major to gain depth and breadth in particular areas of economics and are closely related to career paths students may be interested in pursuing. Of the seven upper-division electives, at least one course must be a 400-level economics course.

Beginning with the Class of 2020: In addition to the six core courses in the major (ECN 101, 102, 201, 202, 214, and 488) students choose from a wide array of upper-division (300-400 level) economics electives to fulfill their remaining economics course requirements for the major, totaling 12 credit hours. These electives enable the economics major to gain depth and breadth in particular areas of economics and are closely related to career paths students may be interested in pursuing. Of the four upper-division electives, at least one course must be a 400-level economics course.

Elementary/Special Education

Bachelor of Arts

The Elementary/Special Education major is a merged program that emphasizes preparation in both areas. Throughout this program, elementary/special education majors develop an understanding of effective elementary curriculum and pedagogy as well as knowledge of individual differences and strategies to differentiate instruction and implement specialized supports to meet students' academic and behavioral needs. Upon completion of the program, elementary/special education majors are eligible for certification in both elementary education and special education in Rhode Island and a number of other states.

To complete the elementary/special education major in four years students must declare the major during their freshman year.

Although students may be accepted to the College as elementary/special education majors, *this is a provisional acceptance to the program*. Formal admission will take place during the sophomore year. Minimally, this process requires students to have and maintain an overall grade point average of at least 2.75; earn a "C" or better in all education classes; meet Rhode Island Department of Education required scores on the SAT, ACT, or Praxis Core exam; and demonstrate appropriate professionalism.

Students are required to follow a prescribed program that includes integrated course work and multiple field experiences in local elementary schools, many of which are in diverse settings. Elementary/special education majors complete their first field experience at Providence after-school programs during one of their first three semesters at the College. The program culminates with two semesters of student teaching: a minimum of 12 weeks with an elementary teacher and a minimum of 12 weeks with an elementary/special education teacher.

Education study abroad semester is available in the fall of the junior year.

Please see the Education Programs section of this Catalog for important admission information.

Required Courses

- EDU 125 - Introduction to Communication Development and Disorders in Children 3 Credits
- EDU 221 - Introduction to Characteristics of Individuals with Special Needs 3 Credits
- EDU 231 - Literacy I: Methods and Materials for Teaching Reading 3 Credits
- EDU 231L - Literacy I: Methods and Materials for Teaching Reading Field Experience 1 Credit
- EDU 270 - Teaching Science & Mathematics in the Elementary School 3 Credits
- EDU 270L - Teaching Science & Mathematics Field Experience 1 Credit
- EDU 285 - Strategies for Classroom Management 3 Credits
- EDU 301 - Foundations of Education 3 Credits
- EDU 322 - Collaboration: Home/School/Community 3 Credits
- EDU 331 - Literacy II: Teaching Language Arts & Social Studies in the Elementary School 3 Credits
- EDU 331L - Literacy II: Teaching Language Arts & Social Studies Field Experience 1 Credit
- EDU 390 - Assessment of Children's Individual Differences 3 Credits
- EDU 418 - Teaching Students with Mild/Moderate Disabilities (Grades 1-6) 3 Credits
- EDU 418L - Teaching Students with Mild/Moderate Disabilities Field Experience 1 Credit
- EDU 451 - Student Teaching in the Elementary School 9 Credits
- EDU 452 - Student Teaching in Elementary/ Special Education 9 Credits
- PSY 100 - Introduction to Psychology 3 Credits
- PSY 306 - Child and Adolescent Development 3 Credits

English

Bachelor of Arts

Required Courses

- ENG 175 - Introduction to Literature 3 Credits
- (4) Literature Pre-1800 Courses
- (4) Literature Post-1800 Courses (no more than two creative writing courses may be taken for post-1800 literature requirement)
- English literature elective or ENG 385 Advanced Writing

English/Secondary Education

Bachelor of Arts

Required Courses

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.75 cumulative GPA, minimum 2.0 average in English major courses, C or higher in all Education courses. Please visit the Secondary Education section for additional information.

- **ENG 175 - Introduction to Literature (3 Credits)**
- **(4) Literature Pre-1800 Courses; must include ENG 304 (12 Credits)**
- **(4) Literature Post-1800 Courses (12 Credits)**
- **Writing Course Chosen from: (3 Credits)**
- ENG 301 - Intermediate Writing 3 Credits
- ENG 380 - Creative Writing in Fiction 3 Credits
- ENG 381 - Creative Writing in Poetry 3 Credits
- ENG 385 - Advanced Writing 3 Credits

Education Courses:

- EDU 201 - Educational Psychology 3 Credits
- EDU 206 - Principles of Secondary Education 3 Credits
- EDU 206L - Principles of Secondary Education Field Experience 1 Credit
- EDU 301 - Foundations of Education 3 Credits
- EDU 303 - The Child with Special Needs in the Regular Classroom 3 Credits
- EDU 303L - The Child with Special Needs in the Regular Classroom Field Experience 1 Credit
- EDU 401 - Educational Measurement 3 Credits
- EDU 401L - Educational Measurement Field Experience 1 Credit
- EDU 411 - Teaching English in Secondary Schools 3 Credits
- EDU 411L - Teaching English in Secondary Schools Field Experience 1 Credit
- EDU 449 - Classroom Management for High/Middle School Teachers 1 Credit
- EDU 450 - Student Teaching in the Secondary School 9 Credits

Foreign Language Studies

Bachelor of Arts

Options: French, Italian, or Spanish

Required Courses

A major in a foreign language requires the successful completion of 30 credits/semester hours of course work in the target language at the 200-level and above, including those courses specified as required for the major, which are 201, 210, 212, 321, 322, and five additional courses at the 300- and 400-levels, of which at least two must be in literature at the 400-level.

Foreign Language/Secondary Education

Bachelor of Arts

Options: French/Secondary Education, Italian/Secondary Education, or Spanish/Secondary Education

Required Courses

A major in a foreign language/secondary education requires the successful completion of course work in the target language at the 200-level and above, including those courses specified as required for the major, which include 201, 210, 212, 321, 322, and four additional courses with two at the 300-level and two at the 400-level. In addition, twelve EDU courses are required.

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.75 cumulative GPA, minimum 2.0 average in Foreign Language Studies major courses, C or higher in all Education courses. Please see the Secondary Education section for additional information.

- EDU 201 - Educational Psychology 3 Credits
- EDU 206 - Principles of Secondary Education 3 Credits
- EDU 206L - Principles of Secondary Education Field Experience 1 Credit
- EDU 301 - Foundations of Education 3 Credits
- EDU 303 - The Child with Special Needs in the Regular Classroom 3 Credits
- EDU 303L - The Child with Special Needs in the Regular Classroom Field Experience 1 Credit
- EDU 401 - Educational Measurement 3 Credits
- EDU 401L - Educational Measurement Field Experience 1 Credit
- EDU 415 - Teaching Modern Languages in Secondary Schools 3 Credits
- EDU 415L - Teaching Modern Languages in Secondary Schools Field Experience 1 Credit
- EDU 449 - Classroom Management for High/Middle School Teachers 1 Credit
- EDU 450 - Student Teaching in the Secondary School 9 Credits

Global Studies

Bachelor of Arts

Students interested in worldwide societies and cultures, international markets, and governments will find in the global studies major leading to a bachelor of arts degree an inspiring course of study for exploring and understanding our multifaceted and rapidly changing world.

The global studies major offers students an interdisciplinary global perspective on social, economic, and political issues, and prepares them to become responsible citizens, critical thinkers, and creative individuals with an ability to resist social prejudice and act in an interdependent world.

The global studies major draws on concepts from disciplines across the humanities, political science, and economics to allow students to learn more about how societies around the world are converging and challenging geographic and political frontiers, while at the same time celebrating individuality. The program examines the interconnectedness among individuals, communities, governments, and organizations across the world, and offers students theoretical and applied frameworks to understand the pillars of a globalized planet.

The global studies curriculum requires initiative on the part of each major to think carefully about what they want from their college experience and then to develop a plan for achieving it. The culmination of this thinking will be codified in a Learning Plan created by each major, which serves to integrate the various components of global studies into a whole tailored to each individual student.

Required Courses

Introductory Courses:

GST 101 - Introduction to Global Studies
GST 202 - Globalization and Social Change
GST 290 - Global Engagement (1 credit)
GST 303 - Case Studies in Globalization

Foundation Courses:

Students will be required to take four foundation courses providing them with a basic understanding of global religions, business, and politics as well as the responsibilities of leadership in a global community.

The courses required of all majors are:

PSC Approved Elective (International Focus)

ECN 102 - Principles of Economics: Macro or GST 325 - The Global Economy

PHL 301 - Ethics, Moral Leadership, and the Common Good (preferred for Ethics Core)

THL 354 - Church in Today's World

OR

THL 358 - The Church and the Major World Religions

OR

THL 376 - Catholic Social Thought

Advanced Courses

Thematic Concentration:

Four (4) courses focused on global topics, region, language, and/or culture tailored around individual student interests and approved by student advisor and director. At least one (1) of these courses should be a GST designated course at 300-level or above from Providence College.

Language Component:

Living in a global community calls for an appreciation and understanding of foreign languages and cultures.

Students will demonstrate language proficiency by successful completion of two courses at the advanced level (200 level or above) in same language. Students may have to take more courses if their proficiency in arriving at the College does not permit them to take advanced courses immediately. An early determination of proficiency is thus vital to the major.

Language study includes the study of related cultures. Therefore, the language component of the Global Studies Program is a vital link to the study of culture, which in turn is emphasized in all concentrations.

International Experience:

It is critical for global studies students to deepen their understanding of cultural and global issues by participating in an international immersion experience. Majors are thus required to study abroad for a semester or full-academic year with an approved program through the Center for International Studies. Because of our commitment to engaged learning, an internship, service-learning course, and/or community-based action research project is an integral component of each of the more than 125 approved Global Studies Recognized Study Abroad Programs located in 45 countries around the world. Some students may apply to fulfill this requirement over the summer at an approved study abroad program.

Upper-Level Global Studies Courses:

Two (2) Global Studies courses at the 300-level or above.

Capstone Seminar and Senior Thesis:

GST 480 - Global Studies Capstone Seminar I and GST 481 - Global Studies Capstone Seminar II is an interdisciplinary, two-semester course for global studies majors focused on synthesizing and deepening learning about global citizenship and globalization over the past three years. In the first semester, students will synthesize the work of earlier courses and develop an engaged research proposal, including a literature review. The second semester will be devoted to a collaborative engagement project.

History

Bachelor of Arts

The mission of the Department of History and Classics is to encourage a sensitivity to the past in order that students might better understand the present and prepare intelligently to deal with the challenges of the future. Moreover, the department seeks to train and instruct students in historical method, with emphasis on doing the work of history with the greatest possible objectivity, resisting personal and social prejudice and ideological fashion.

History courses are intended to develop in students a basic grasp of both European and American civilizations and to provide students with opportunities to gain knowledge and understanding of non-Western civilizations.

The department emphasizes an appreciation of the Judaeo-Christian heritage in keeping with the character and mission of the College as a Roman Catholic and Dominican institution. It also promotes an understanding of democratic tradition and practice and their relation to the responsibilities of citizenship and humane development of the nation and the world.

Advanced Placement Policy

History majors with an Advanced Placement grade of "5" on the *A.P. U.S. and/or European History exam(s)* will be given a one-course reduction in the required courses for the specific area(s) and will be given flexibility in choosing the remaining two courses (i.e., any two courses for the particular area). For instance, a major with a grade of "5" in *U.S. History* would be required to take only two courses in U.S. History and may choose any U.S. History courses for those required courses. A major with a grade of "5" in *European History* would be required to take only two courses in European History and may choose any European History courses for those required courses.

History majors with an Advanced Placement grade of "5" on the *World History exam* will be given a one-course reduction, which will satisfy the requirement for a course in non-Western history.

A limit of two A.P. scores of "5" will be recognized by the Department for reduction of the total number of courses in the major.

History majors with an Advanced Placement grade of "4" on the *A.P. U.S. and/or European History exam(s)* will be given flexibility in choosing any three courses for U.S. and/or European History. For such students, the required number of History credits to be earned for the major would remain at 33.

Required Courses

History majors are required to complete 33 credits in history. These are normally fulfilled by completing a three-credit gateway course, nine credits each in United States history and European history, and 12 from departmental electives, of which a non-Western history course and a junior/senior seminar are required. Necessary adjustments and appropriate substitutions for departmental requirements may be made in accordance with approved department policy and with permission of the chairperson of the department.

HIS 100 - Thinking and Writing about History 3 Credits

(3) United States History courses, chosen from:

- HIS 255 - Colonial North America: From Contact to Constitution (to 1789) 3 Credits
- HIS 256 - Creating a Nation from Founding to Civil War (1789-1877) 3 Credits
- HIS 257 - Redefining the United States at Home and Abroad (1877-1939) 3 Credits
- HIS 258 - The American Century (1939-Present) 3 Credits

(3) European Period History courses:

- One Pre-1715
- One Post-1715
- One Pre- or Post-1715

(1) Non-Western History course

(2) History Electives

Junior/Senior Seminar *or* Honors Thesis in History

Pre-1715 European Courses

- HIS 220 - Living in an Imperial World: Cities and Empires, 1500 to the Present 3 Credits
- HIS 260 - Renaissance Florence: City and Culture: 1300-1550 3 Credits
- HIS 280 - Ethnicity in the Ancient World 3 Credits
- HIS 304 - Modern Britain 3 Credits
- HIS 305 - Europe from 1555 – 1648 3 Credits
- HIS 324 - The Reformation 3 Credits
- HIS 332 - Medieval Europe II 3 Credits
- HIS 337 - The Ancient Greek World 3 Credits
- HIS 338 - The Roman Republic and Empire 3 Credits
- HIS 360 - Greek and Roman Warfare 3 Credits

Post-1715 European Courses

- HIS 220 - Living in an Imperial World: Cities and Empires, 1500 to the Present 3 Credits
- HIS 304 - Modern Britain 3 Credits

- HIS 308 - Europe from 1815-1914 3 Credits
- HIS 311 - Era of the French Revolution 3 Credits
- HIS 313 - Eastern Europe Since World War I 3 Credits
- HIS 319 - Victorian Worlds: British Society, 1837-1901 3 Credits
- HIS 352 - Global Feminisms in the Age of Empires and Beyond 3 Credits
- HIS 413 - History of Ireland 3 Credits
- HIS 414 - Twentieth-Century Ireland 3 Credits
- HIS 422 - History of Russia II 3 Credits
- HIS 423 - Europe from 1914 to 1945 3 Credits
- HIS 424 - Europe Since 1945 3 Credits

Non-Western Requirement

History majors are required to take at least one non-Western History course as part of their History requirements. History/Secondary Education majors are required to take two non-Western History courses.

Courses that fall into the following categories can be used to fulfill the Non-Western requirement: Asian, Russian,* Latin American, Middle Eastern, African, and Native American histories, or any histories that focus on autochthonous peoples, provided that they (a) include a significant amount of content beyond the scope of the study of Western history and/or (b) offer alternative perspectives to those peoples who emanate from Western Europe or the United States by focusing on the response to contact, conquest, and colonialism.

Courses not explicitly included in the above categories may fulfill the non-Western requirement with the approval of the instructor and the chair or assistant chair.

- HIS 230 - Early Latin American History 3 Credits
- HIS 231 - Modern Latin American History 3 Credits
- HIS 240 - Native American History to 1815 3 Credits
- HIS 241 - Native American History since 1815 3 Credits
- HIS 298 - East Asian History I 3 Credits
- HIS 299 - East Asian History II 3 Credits
- HIS 339 - Ancient Egypt 3 Credits
- HIS 342 - History of the Middle East to 1920 3 Credits
- HIS 344 - History of Africa Since 1850 3 Credits
- HIS 345 - History of the Modern Middle East 3 Credits
- HIS 352 - Global Feminisms in the Age of Empires and Beyond 3 Credits
- HIS 368 - Modern Japan 3 Credits
- HIS 369 - Modern China 3 Credits
- HIS 422 - History of Russia II 3 Credits

*Russian History may not count as non-Western history for Secondary Education majors. Please consult with the assistant chair or with your advisor for clarification.

History/Secondary Education

Bachelor of Arts

The history/secondary education option is designed to provide in-depth training in history for those seeking careers as high school social studies teachers. Students are expected to fulfill all the

requirements of the history concentration and to follow a program of courses established by the Secondary Education Program for secondary teacher preparation. The combination of history and education courses meets the requirements for certification of social studies teachers in the state of Rhode Island and most other states.

History/secondary education majors are required to complete 33 credits in history. These are normally fulfilled by completing a three-credit gateway course, nine credits each in United States history and European history, and 12 from departmental electives, of which two non-Western history courses and a junior/senior seminar are required. Necessary adjustments and appropriate substitutions for departmental requirements may be made in accordance with approved department policy and with the permission of the chairperson of the department.

Advanced Placement Policy

History/secondary education majors with an Advanced Placement grade of "5" on the A.P. U.S. and/or European History exam(s) will be given a one-course reduction in the required courses for the specific area(s) and will be given flexibility in choosing the remaining two courses (i.e., any two courses for the particular area). For instance, a major with a grade of "5" in U.S. History would be required to take only two courses in U.S. History and may choose any U.S. History courses for those required courses. A major with a grade of "5" in European History would be required to take only two courses in European History and may choose any European History courses for those required courses.

History majors with an Advanced Placement grade of "5" on the World History exam will be given a one-course reduction, which will satisfy the requirement for a course in non-Western history.

A limit of two A.P. scores of "5" will be recognized by the Department for reduction of the total number of courses in the major.

History majors with an Advanced Placement grade of "4" on the A.P. U.S. and/or European History exam(s) will be given flexibility in choosing any three courses for U.S. and/or European History. For such students, the required number of History credits to be earned for the major would remain at 33.

Required Courses

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.75 cumulative GPA, minimum 2.0 average in History major courses, C or higher in all Education courses. Please visit the Secondary Education section for additional information.

HIS 100 - Thinking and Writing about History 3 Credits

(3) United States History courses, chosen from:

- HIS 255 - Colonial North America: From Contact to Constitution (to 1789) 3 Credits
- HIS 256 - Creating a Nation from Founding to Civil War (1789-1877) 3 Credits
- HIS 257 - Redefining the United States at Home and Abroad (1877-1939) 3 Credits
- HIS 258 - The American Century (1939-Present) 3 Credits

(3) European Period History Courses:

- One Pre-1715
- One Post-1715
- One Pre- OR Post-1715

(2) Non-Western History Courses

(1) History Elective

Junior/Senior Seminar *or* Honors Thesis in History

- EDU 201 - Educational Psychology 3 Credits
- EDU 206 - Principles of Secondary Education 3 Credits
- EDU 206L - Principles of Secondary Education Field Experience 1 Credit
- EDU 301 - Foundations of Education 3 Credits
- EDU 303 - The Child with Special Needs in the Regular Classroom 3 Credits
- EDU 303L - The Child with Special Needs in the Regular Classroom Field Experience 1 Credit
- EDU 401 - Educational Measurement 3 Credits
- EDU 401L - Educational Measurement Field Experience 1 Credit
- EDU 414 - Teaching History & Social Studies in Secondary Schools 3 Credits
- EDU 414L - Teaching History & Social Studies in Secondary Schools Field Experience 1 Credit
- EDU 449 - Classroom Management for High/Middle School Teachers 1 Credit
- EDU 450 - Student Teaching in the Secondary School 9 Credits

Non-Western Requirement

History majors are required to take at least one non-Western History course as part of their History requirements. History/Secondary Education majors are required to take two non-Western History courses.

Courses that fall into the following categories can be used to fulfill the Non-Western requirement: Asian, Russian*, Latin American, Middle Eastern, African, and Native American histories, or any histories that focus on autochthonous peoples, provided that they (a) include a significant amount of content beyond the scope of the study of Western history and/or (b) offer alternative perspectives to those peoples who emanate from Western Europe or the United States by focusing on the response to contact, conquest, and colonialism.

Courses not explicitly included in the above categories may fulfill the non-Western requirement with the approval of the instructor and the chair or assistant chair.

- HIS 230 - Early Latin American History 3 Credits
- HIS 231 - Modern Latin American History 3 Credits
- HIS 240 - Native American History to 1815 3 Credits
- HIS 241 - Native American History since 1815 3 Credits
- HIS 298 - East Asian History I 3 Credits
- HIS 299 - East Asian History II 3 Credits
- HIS 344 - History of Africa Since 1850 3 Credits
- HIS 345 - History of the Modern Middle East 3 Credits
- HIS 352 - Global Feminisms in the Age of Empires and Beyond 3 Credits
- HIS 368 - Modern Japan 3 Credits
- HIS 369 - Modern China 3 Credits
- HIS 422 - History of Russia II 3 Credits
- HIS 481 - Seminar 3 Credits (on non-western topic)
- HIS 482 - Seminar 3 Credits (on non-western topic)

*Russian History may not count as non-Western history for Secondary Education majors. Please consult with the assistant chair or with your advisor for clarification.

Notes

*Pre-1715 European courses may be satisfied by:

- HIS 220 - Living in an Imperial World: Cities and Empires, 1500 to the Present 3 Credits
- HIS 305 - Europe from 1555 – 1648 3 Credits
- HIS 306 - Europe from 1648-1714 3 Credits
- HIS 319 - Victorian Worlds: British Society, 1837-1901 3 Credits
- HIS 260 - Renaissance Florence: City and Culture: 1300-1550 3 Credits
- HIS 324 - The Reformation 3 Credits
- HIS 331 - Medieval Europe I 3 Credits
- HIS 332 - Medieval Europe II 3 Credits
- HIS 337 - The Ancient Greek World 3 Credits
- HIS 338 - The Roman Republic and Empire 3 Credits

*Post-1715 European courses may be satisfied by:

- HIS 220 - Living in an Imperial World: Cities and Empires, 1500 to the Present
- HIS 304 - Modern Britain 3 Credits
- HIS 308 - Europe from 1815-1914 3 Credits
- HIS 311 - Era of the French Revolution 3 Credits
- HIS 313 - Eastern Europe Since World War I 3 Credits
- HIS 413 - History of Ireland 3 Credits
- HIS 414 - Twentieth-Century Ireland 3 Credits
- HIS 422 - History of Russia II 3 Credits
- HIS 423 - Europe from 1914 to 1945 3 Credits
- HIS 424 - Europe Since 1945 3 Credits

Humanities

Bachelor of Arts

The Humanities Program offers a highly individualized interdisciplinary plan of study which is focused on the liberal arts. Emphasis is placed on critical understanding and disciplined reflection. The program provides a strong liberal arts education that can serve as excellent preparation for all professions.

In consultation with the director, each student develops a personal course of study. Individual study plans are created by a judicious and focused selection of courses from the recognized humanities departments, with the possible addition of other selected courses. To enter the program, a student must have a grade point average of 2.5. From the time of entry, an overall grade point average of 2.75 must be maintained.

Required Courses

In addition to the undergraduate core degree requirements, the student must complete:

Fine Arts: An additional three semester hours, consisting of any course chosen from a variety of approved and so designated fine arts courses.

Foreign Language: Twelve semester hours, normally from one language.

Humanities Electives: Each student selects 15 credits from the fields of art, classics, foreign language, history, literature, music, philosophy, theatre, and theology. Courses at the 200 level and above are preferred.

Important Notes:

There is no double-counting of classes in the Humanities Program, except with permission of the director. Such permission is often given to students who wish to pursue a minor in a language. Apart from this exception, normally no humanities course can be used to satisfy any requirement in the Core Curriculum, a minor, or a second major.

Prospective humanities students should begin the foreign language sequence in the second year if not earlier, for two reasons:

Students who wish to change from one foreign language to another will still have time to complete the four-course requirement.

A student who wishes to earn a minor in a foreign language need take only two additional language courses beyond the four required for humanities. These two additional language courses count solely for the language minor and not toward the major.

It is recommended that prospective humanities students complete ARH 106 - Art History Survey to satisfy the Core Curriculum requirement in fine arts.

Liberal Arts

The Liberal Arts Major leads to a Bachelor of Arts degree. The program combines the structure of a coordinated nucleus of courses as defined by one of the minors in the School of Arts and Sciences, with the breadth and flexibility of a set of elective courses which will allow the student to develop the interests emerging from this foundation of minor and Core courses in the liberal arts, providing an opportunity for the Liberal Arts major to achieve depth in selected areas. After the first semester of their Junior year, students may petition the Dean of Graduate and Undergraduate Studies to pursue "Liberal Arts" as their major. The student petitioning will be required to articulate how the proposed set of Major courses are integrated and meet the learning outcomes of the Liberal Arts major:

Learning Outcomes:

- Students will discuss the theories and principles within the disciplines of the liberal arts;
- Students will make connections between the different disciplines within the liberal arts;
- Students will learn to communicate clearly, critically, logically and persuasively in oral and written discourse;
- Students will extend their intellectual inquiry (and their capacity for intellectual work), in consultation with their academic advisors, by careful selection of major elective coursework

To earn a bachelor's degree in Liberal Arts, students must complete:

- the Core Curriculum;
- all the required courses of one of the minors offered in the School of Arts and Sciences;*
- an additional 15 credits of courses from the School of Arts and Sciences, at least 9 credits of which are to be at the 300- or 400-level. Students are required to show how their choice of courses is related to their major focus;
- a 3-credit Liberal Arts Major capstone course approved by their faculty advisor which highlights self-directed learning.**

Courses to be considered Liberal Arts Major courses will include all those within 2, 3, and 4, above, and will need to include at least 24 credits of intermediate or upper-level courses.

*The Minors whose requirements may form the nucleus of the Liberal Arts Major include: Art History, Studio Art, Asian Studies, English, Evolutionary Biology & Ecology, Black Studies, Classics, Computer

Science: Business Programming, Computer Science: Technical, Dance, Economics, Film/Video, French, German, Italian, Spanish, History, Latin American Studies, Music, Mathematics, Philosophy, Applied Physics, Systems Science, Political Science, Public Community Service Studies, Public Community Service Studies/Community Health, Sociology, Theatre Arts, Theology, Women's Studies, Writing

**This requirement is ideally satisfied by an Independent Study, an Internship, or a major Research project.

Mathematics

Bachelor of Arts

Required Courses

- MTH 131 - Calculus and Analytical Geometry I 4 Credits
- MTH 132 - Calculus and Analytical Geometry II 4 Credits
- MTH 215 - Linear Algebra 3 Credits
- MTH 223 - Calculus and Analytical Geometry III 4 Credits
- MTH 290 - Foundations of Higher Mathematics 3 Credits
- MTH 315 - Abstract Algebra I 3 Credits
- MTH 323 - Real Analysis I 3 Credits

- MTH 324 - Real Analysis II 3 Credits
OR
- MTH 316 - Abstract Algebra II 3 Credits
OR
- MTH 330 - Complex Analysis 3 Credits

- (2) Math Electives (must be 300-level or higher)
- CSC 103 - Computer Science I or CSC 104 - Computer Science II or any CSC course 200-level or higher, but not CSC 440 - Numerical Analysis I

Note: Math majors placed into MTH 132 will have the MTH 131 requirement waived.

Mathematics/Secondary Education

Bachelor of Arts

Required Courses

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.75 cumulative GPA, minimum 2.0 average in Mathematics major courses, C or higher in all Education courses. Please visit the Secondary Education section for additional information.

- MTH 131 - Calculus and Analytical Geometry I 4 Credits
- MTH 132 - Calculus and Analytical Geometry II 4 Credits
- MTH 215 - Linear Algebra 3 Credits
- MTH 223 - Calculus and Analytical Geometry III 4 Credits
- MTH 290 - Foundations of Higher Mathematics 3 Credits
- MTH 309 - Geometry 3 Credits

- MTH 315 - Abstract Algebra I 3 Credits
- MTH 323 - Real Analysis I 3 Credits

- MTH 324 - Real Analysis II 3 Credits
OR
- MTH 316 - Abstract Algebra II 3 Credits
OR
- MTH 330 - Complex Analysis 3 Credits

- MTH 325 - Probability Theory and Mathematical Statistics I 3 Credits
- CSC 103 - Computer Science I or CSC 104 - Computer Science II or any CSC course 200-level or higher, but not CSC 440 - Numerical Analysis I

Note: Mathematics/Secondary Education majors placed into MTH 132 will have the MTH 131 requirement waived.

- EDU 201 - Educational Psychology 3 Credits
- EDU 206 - Principles of Secondary Education 3 Credits
- EDU 206L - Principles of Secondary Education Field Experience 1 Credit
- EDU 301 - Foundations of Education 3 Credits
- EDU 303 - The Child with Special Needs in the Regular Classroom 3 Credits
- EDU 303L - The Child with Special Needs in the Regular Classroom Field Experience 1 Credit
- EDU 401 - Educational Measurement 3 Credits
- EDU 401L - Educational Measurement Field Experience 1 Credit
- EDU 416 - Teaching Mathematics in Secondary Schools 3 Credits
- EDU 416L - Teaching Mathematics in Secondary Schools Field Experience 1 Credit
- EDU 449 - Classroom Management for High/Middle School Teachers 1 Credit
- EDU 450 - Student Teaching in the Secondary School 9 Credits

Music

Bachelor of Arts

Required Courses (26 credit hours)

- MSC 201 - Theory I 3 Credits
- MSC 202 - Theory II 3 Credits
- MSC 201L - Theory I Lab 1 Credit
- MSC 202L - Theory II Lab 1 Credit
- MSC 301 - Theory III 3 Credits
- MSC 302 - Theory IV 3 Credits
- MSC 301L - Theory III Lab 1 Credit
- MSC 302L - Theory IV Lab 1 Credit
- MSC 310 - Music History and Literature I 3 Credits
- MSC 311 - Music History and Literature II 3 Credits
- MSC 312 - Music History and Literature III 3 Credits
- MSC 498 - Senior Recital/Project 1 Credit
- Required Electives (9 credit hours)

Three (3) Upper Level Electives in Music:

- MSC 303 - Composition 3 Credits
- MSC 305 - Conducting 3 Credits
- MSC 320 - Music in World Cultures 3 Credits
- MSC 481 - Seminar in Music 3 Credits

Music - Other Requirements for Both Majors

Private study of an instrument or voice for credit is required for four years unless otherwise approved by the department. There is an additional fee for these lessons.

Participation in an appropriate performance organization* is required for four years unless otherwise approved by the department.

All music majors are expected to attend College concerts and recitals. Music majors are required to perform in at least one student performance hour sponsored by the music department during each academic semester.

All music majors will perform a "Jury" during fall and spring semesters of each year to evaluate their progress in meeting the requirements of a music major. A written faculty evaluation will determine the ongoing progress of each major.**

All music majors are expected to pass a piano proficiency examination at the end of the first semester of the junior year.**

All music majors with a performance specialization are expected to advance to the 300 level of applied study for a minimum of two semesters prior to graduation.

At the recommendation of the department, all music majors will be required to present a project or give a recital during his/her senior year. Music education majors will be required to give a recital during the fall semester of his/her senior year.**

Orchestra, Providence College Women's Chorus, Symphonic Winds, Jazz Band*, Concert Chorale, Wind Ensemble, or I Cantori.*

***Refer to department policy.*

****Jazz Band does not fulfill the large ensemble requirement for music education majors unless otherwise given permission by the chair.*

Music Education

Bachelor of Arts

Please see the Education Programs section of this Catalog for important admission information.

The Music Education program fulfills the Core Focus requirement by virtue of completing all requirements of the degree.

Required Courses (26 credit hours)

- MSC 201 - Theory I 3 Credits
- MSC 202 - Theory II 3 Credits
- MSC 201L - Theory I Lab 1 Credit

- MSC 202L - Theory II Lab 1 Credit
- MSC 301 - Theory III 3 Credits
- MSC 302 - Theory IV 3 Credits
- MSC 301L - Theory III Lab 1 Credit
- MSC 302L - Theory IV Lab 1 Credit
- MSC 310 - Music History and Literature I 3 Credits
- MSC 311 - Music History and Literature II 3 Credits
- MSC 312 - Music History and Literature III 3 Credits
- MSC 498 - Senior Recital/Project 1 Credit
- Additional Required Courses for Music Education (47 credit hours)
- MSC 206 - Piano Class I 3 Credits
- MSC 207 - Voice Class 3 Credits
- MSC 230 - Introduction to Music Education 3 Credits
- MSC 303 - Composition 3 Credits
- MSC 305 - Conducting 3 Credits
- MSC 330 - Teaching General Music in Elementary School 3 Credits
- MSC 330L - Teaching General Music in Elementary School: Lab 1 Credit
- MSC 331 - Teaching Music, Secondary School: Vocal 3 Credits
- MSC 331L - Teaching Music, Secondary School: Vocal Lab 1 Credit
- MSC 332 - Teaching Music in Secondary School: Instrumental 3 Credits
- MSC 332L - Teaching Music, Secondary School: Instrumental Lab 1 Credit
- MSC 333 - Teaching Brass and Percussion 1 Credit
- MSC 334 - Teaching Woodwinds 1 Credit
- MSC 335 - Teaching Strings 1 Credit
- MSC 499 - Student Teaching in Elementary and Secondary Schools 12 Credits
- EDU 221 - Introduction to Characteristics of Individuals with Special Needs 3 Credits
- EDU 301 - Foundations of Education 3 Credits
- SWK 253 - Human Behavior Through the Life Span 3 Credits

Diversity Requirements

All music education majors must fulfill the following diversity requirements:

Completion of at least one course from an approved list of diversity electives. The diversity elective may also satisfy a Core Curriculum requirement, meet a minor requirement, or fill a free elective slot.

Completion of at least one practicum experience in an urban setting.

Demonstration of the ability to prepare and implement lessons that include effective strategies for working with students from diverse cultures and backgrounds.

Music - Other Requirements for Both Majors

Private study of an instrument or voice for credit is required for four years unless otherwise approved by the department. There is an additional fee for these lessons.

Participation in an appropriate performance organization* is required for four years unless otherwise approved by the department.

All music majors are expected to attend College concerts and recitals. Music majors are required to perform in at least one student performance hour sponsored by the music department during each academic semester.

All music majors will perform a “Jury” during fall and spring semesters of each year to evaluate their progress in meeting the requirements of a music major. A written faculty evaluation will determine the ongoing progress of each major.**

All music majors are expected to pass a piano proficiency examination at the end of the first semester of the junior year.**

All music majors with a performance specialization are expected to advance to the 300 level of applied study for a minimum of two semesters prior to graduation.

At the recommendation of the department, all music majors will be required to present a project or give a recital during his/her senior year. Music education majors will be required to give a recital during the fall semester of his/her senior year.**

Orchestra, Providence College Women’s Chorus, Symphonic Winds, Jazz Band*, Concert Chorale, Wind Ensemble, or I Cantori.*

***Refer to department policy.*

****Jazz Band does not fulfill the large ensemble requirement for music education majors unless otherwise given permission by the chair.*

Music: Musical Theatre Concentration

Music majors may use their elective credits to focus on areas of interest. Majors with a particular interest in musical theatre may declare the Musical Theatre Concentration within the music major. This track aims to develop the students' talent and ability with the goal of helping the students discover their own unique abilities in musical theatre. A successful professional in musical theatre must possess strong technical skills in voice, music and dance with the ability to integrate these skills with ease, expressiveness, and versatility. As such the concentration requires coursework in music, acting and dance combined with many performance opportunities. In order to concentrate in musical theatre, students must elect either a music or theatre major. This assures that they will have a deep grounding in at least one of the two foundational areas of musical theatre.

Music (25 credits)

- MSC 201 Theory I
- MSC 201L Theory I Lab
- MSC 202 Theory II
- MSC 202L Theory II Lab
- MSC 301 Theory III
- MSC 301L Theory III Lab
- MSC 302 Theory IV
- MSC 302L Theory IV Lab
- MSC 310 Music History & Literature I
- MSC 311 Music History & Literature II
- MSC 312 Music History & Literature III
- MSC/TDF 483 Advanced Analysis and Performance
- MSC Applied Lessons: 8 semesters
- MSC Large Ensemble: 8 semesters
- MSC Recital Attendance: 8 semesters

Theatre Dance & Film Requirements:

- TDF Dance: 1 course chosen from 111, 212, 214, 216, 313, 314, 316, 370
- TDF 204: Voice and Diction
- TDF 206: American Music Theatre

Music Electives (12 credits)

Four Music Electives may include any 300 or 400 level music course.

*Free Electives could include any music course or courses taken to fulfill the Core Focus

Applied Lessons: Private study of an instrument or voice is required for four years unless otherwise approved by the department. All music majors will perform at "jury" during the fall and spring semesters of each year. A written faculty evaluation will determine the ongoing process of each major.

Performance Organizations: Participation in a large performing ensemble is required for four years of those semesters as music major unless otherwise approved by the department. All music majors are expected to attend college concerts and recitals. Music majors are required to perform in at least one student recital sponsored by the Department of music each academic semester.

Piano Competence: All Music Majors are expected to pass a piano proficiency examination at the end of their junior year.

Senior Recital or Project: At the recommendation of the department, all Music Majors will be required to present a project or give a recital during their senior year. An advisor will be assigned to all students.

Philosophy

Bachelor of Arts

The philosophy department offers courses in all of the major historical periods of the western intellectual tradition (Ancient, Medieval, Modern, and Contemporary) and in the main disciplines of philosophy (Logic, Metaphysics, Epistemology, Ethics, Social and Political Philosophy, and Aesthetics). Students in the philosophy major are encouraged to see their study of philosophy as more than the accumulation of knowledge; it is the development of a love for wisdom. The study of philosophy builds skill in constructing and analyzing arguments, in reading and writing critically, and in approaching problems reflectively.

At Providence College, all students are introduced to philosophy through the Development of Western Civilization Program. In addition, all students take six credits (2 courses) in philosophy as part of the core requirement. One course provides the students with a foundation for making moral judgments. The other may be any qualifying core course in philosophy.

The department has 23 full-time faculty members all of whom have their Ph.D. and are committed to helping students explore the fundamental issues of philosophy. They come from a variety of institutions including Brown University, the Catholic University of America, Duquesne, Emory, Fordham, Harvard Law School, Humboldt-Universitaet zu Berlin, Marquette, Notre Dame, Penn State, University of California Berkeley, University of Pennsylvania, and the University of Toronto. Their research is well represented in the major areas of the history of philosophy, as well as from the perspectives of both analytic and continental philosophy.

The philosophy department offers a major and a minor course of study. In both courses, faculty seek to help students to develop an understanding of philosophy as a liberal discipline, able to provide the insights and perspectives required for critical reflection on and evaluation of other disciplines.

Students are exposed to the great thinkers and key problems that make up the western intellectual tradition. They are encouraged to understand and follow the advice of Socrates, whose philosophy was motivated by the Delphic imperative to "know thyself"; and, to serve their community and the human family through the challenge of St. Thomas Aquinas who called students and teachers to "Contemplate, and give to others the fruits of your contemplation."

Students are very welcome to contact the department for more information. Information about the department, department members, and the study of philosophy at Providence College is also available on the college's Web site.

Required Courses

For the major, 33 credits (eleven courses) of philosophy are required. Of the 33 credits (eleven courses), 24 credits (eight courses) must be at the 300-level or above.

PHL 101 - Logic 3 Credits

OR

PHL 315 - Symbolic Logic 3 Credits *

*PHL 315 is strongly recommended, particularly for students preparing for graduate school.

PHL 300 - Ancient Philosophy 3 Credits

PHL 330 - The Wisdom of Aquinas 3 Credits

PHL 360 - Early Modern Philosophy 3 Credits

OR

PHL 380 - Late Modern Philosophy 3 Credits

PHL 426 - Metaphysics 3 Credits

PHL 480 - Seminar 3 Credits

One of the following:

- PHL 326 - Contemporary Women Philosophers 3 Credits
- PHL 347 - Philosophy of Language 3 Credits
- PHL 352 - Philosophy of Mind 3 Credits
- PHL 412 - Contemporary Philosophy 3 Credits
- PHL 422 - Contemporary Existentialism 3 Credits
- PHL 430 - Phenomenology 3 Credits
- Any four (4) electives in the department, one of which must fulfill the ethics core requirement.

Physics/Secondary Education

Bachelor of Arts

Students interested in teaching at the high school level may prepare by following our physics/secondary education track. Students completing this track of study receive a bachelor of arts in physics with an emphasis in secondary education. The course of study has been carefully crafted to include the courses required for secondary education certification as well as a solid base of knowledge in physics. A student following this course of study would be well prepared to teach physics at the secondary level.

Required Courses

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.75 cumulative GPA, minimum 2.0 average in Physics major courses, C or higher in all Education courses. Please visit the Secondary Education section for additional information.

- EPS 101 - General Physics I 4 Credits
 - EPS 102 - General Physics II 4 Credits
 - EPS 131 - Introduction to Engineering 1 Credit
 - EPS 201 - Introductory Modern Physics 4 Credits
 - EPS 202 - Electronic Devices 4 Credits
 - EPS 221 - Scientific Programming 3 Credits
 - EPS 222 - Elements of Systems Modeling 1 Credit
 - EPS 301 - Mechanics 3 Credits
 - EPS 401 - Classical Dynamics 3 Credits
 - EPS 430 - Thermodynamics 3 Credits
 - MTH 131 - Calculus and Analytical Geometry I 4 Credits
 - MTH 132 - Calculus and Analytical Geometry II 4 Credits
 - MTH 223 - Calculus and Analytical Geometry III 4 Credits
 - MTH 304 - Ordinary Differential Equations 3 Credits
 - MTH 318 - Topics in Applied Mathematics 3 Credits
-
- CHM 101 - General Chemistry I 4 Credits
OR
 - CHM 121 - Introductory Chemistry I 4 Credits
-
- CHM 102 - General Chemistry II 4 Credits
OR
 - CHM 122 - Introductory Chemistry II 4 Credits
-
- EDU 201 - Educational Psychology 3 Credits
 - EDU 206 - Principles of Secondary Education 3 Credits
 - EDU 206L - Principles of Secondary Education Field Experience 1 Credit
 - EDU 301 - Foundations of Education 3 Credits
 - EDU 303 - The Child with Special Needs in the Regular Classroom 3 Credits
 - EDU 303L - The Child with Special Needs in the Regular Classroom Field Experience 1 Credit
 - EDU 401 - Educational Measurement 3 Credits
 - EDU 401L - Educational Measurement Field Experience 1 Credit
 - EDU 412 - Teaching Science in Secondary Schools 3 Credits **

- EDU 412L - Teaching Science in Secondary Schools Field Experience 1 Credit
- EDU 449 - Classroom Management for High/Middle School Teachers 1 Credit
- EDU 450 - Student Teaching in the Secondary School 9 Credits

**EDU 412 is offered in Fall of odd years.

Political Science

Bachelor of Arts

Required Courses

Requirements below apply to students in the Class of 2017, 2018, 2019 & 2020

To graduate as a political science major, students must complete 33 credit hours, normally 11 courses, with a minimum cumulative GPA of 2.0 in the department, distributed in the following manner:

Introductory Sequence (2 courses)

Political science students are required to take an introductory sequence of two courses: PSC 101 - Politics, and PSC 102 - Empirical Political Analysis. Students normally take these courses in sequence, although these two courses may be taken simultaneously in a given semester, especially for students joining the department as sophomores or juniors. Normally, this introductory sequence should be completed before taking other courses in the department, but again, there can be exceptions if warranted.

Field Requirements (4 courses)

Students must take one course in each of four fields: comparative government and politics, international relations, political theory, and American politics. The department maintains lists of courses that fulfill each of these field requirements. The list is printed in department publications, can be found on the department Web page, and is available in the department office and from academic advisors. Note that these courses are not all offered every semester or even every year. Students should always check the latest preregistration booklet to see what is being offered in the near future. Students also should note that there are many courses in the Department of Political Science that do NOT fulfill any of these four fields.

Political Science Electives (4 courses)

Students may take any of the department's courses to fulfill this category of four electives, as well as SOC 342 and HPM 408.

Capstone Seminar (1 course)

All students will take PSC 488 or 489, Capstone Seminar in Political Science, in their senior year.

Required Courses (Effective beginning with Class of 2021)

To graduate as a political science major, students must complete 33 credit hours, normally 11 courses, with a minimum cumulative GPA of 2.0 in the department, distributed in the following manner:

PSC 101 - Politics

Field Requirements (4 courses)

Students must take one course in each of four fields: comparative government and politics, international relations, political theory, and American politics. The department maintains lists of

courses that fulfill each of these field requirements. The list is printed in department publications, can be found on the department Web page, and is available in the department office and from academic advisors. Note that these courses are not all offered every semester or even every year. Students should always check at preregistration to see what is being offered in future semesters. Students also should note that there are many courses in the Department of Political Science that do NOT fulfill any of these four fields.

PSC 302 - Research Methods

Political Science Electives (4 courses)

Students may take any of the department's courses to fulfill this category of four electives, as well as SOC 342 and HPM 408.

Research Seminar in Political Science (1 course)

All students will take PSC 488 or PSC 489, Research Seminar in Political Science, in their senior year.

Psychology

Bachelor of Arts

The Department of Psychology offers a bachelor of arts degree in general psychology. The curriculum provides a sound foundation in the principles of behavior that will allow students to apply their knowledge in postgraduate occupations or graduate study. Major emphasis is placed upon a thorough development of the critical and analytical tools of contemporary psychology so that students will become adept in formulating meaningful questions about behavior and devising valid strategies for answering those questions. These goals are pursued in a curriculum that includes both applied and research aspects of the discipline in the hope of producing well-rounded, resourceful, and well-informed graduates. Advanced students are encouraged to undertake some form of independent learning experience through seminars, tutorials, independent research, and supervised field placements.

Consistent with the spirit of liberal arts education, the Department of Psychology allows wide latitude in selecting electives within the concentration and leaves extensive opportunity in all students' curricula for sampling the wealth and variety of course offerings at the College. We invite our students to explore and challenge the riches of knowledge available in courses at the College and to continue that exploration long after their graduations.

Neuroscience Certificate Program

Please refer to the Neuroscience Certificate Program section of the Catalog for information about an integrated course of study in neuroscience for biology and psychology majors.

Required Courses

The major requires 12 psychology courses for a total of 39 credits, and distribution of those credits will be according to the following categories.

The following courses are required of all psychology majors:

- PSY 100 - Introduction to Psychology 3 Credits
- PSY 201 - Research Design & Statistical Analysis I 4 Credits
- PSY 202 - Research Design & Statistical Analysis II 4 Credits

Plus, at least one course from each of the following areas for a total of six courses:

Understanding Biological Processes

- PSY 315 - Human Neuropsychology 3 Credits
- PSY 325 - Health Psychology 3 Credits
- PSY 326 - Biopsychology 3 Credits

Understanding Individuals

- PSY 303 - Animal Learning and Cognition 3 Credits
- PSY 316 - Cognitive Psychology 3 Credits
- PSY 323 - Personality 3 Credits
- PSY 324 - Psychology of Abnormal Behavior 3 Credits
- PSY 330 - Psychological Testing and Assessment 3 Credits

Understanding Developmental Processes

- PSY 306 - Child and Adolescent Development 3 Credits
- PSY 314 - Psychology of Aging 3 Credits

Understanding Social and Cultural Contexts

- PSY 305 - Psychology of Gender 3 Credits
- PSY 317 - Social Psychology 3 Credits
- PSY 318 - Cultural Psychology 3 Credits

Applying Research Methods to the Study of Behavior

- PSY 402 - Research in Animal Learning and Cognition 4 Credits
- PSY 405 - Research in Neuropsychology 4 Credits
- PSY 406 - Experimental Developmental Psychology 4 Credits
- PSY 407 - Experimental Social Psychology 4 Credits
- PSY 409 - Experimental Health Psychology 4 Credits
- PSY 416 - Experimental Cognitive Psychology 4 Credits
- PSY 426 - Experimental Biopsychology 4 Credits

Studying Psychology in Depth

- PSY 470, 471, 472 - Selected Topics in Psychology 3 Credits
- PSY 482 - Drugs and Behavior 3 Credits
- PSY 483 - Behavior Therapy 3 Credits
- PSY 485 - Psychological Disorders of Children and Adolescents 3 Credits
- PSY 486 - Theories of Psychotherapy 3 Credits
- PSY 487 - Psychology of Religion 3 Credits
- PSY 488 - Advanced Cognitive Development 3 Credits
- PSY 489 - Clinical Internship 4 Credits
- PSY 490 - Independent Study 4 Credits

Neuroscience Capstone (Offered by the psychology (PSY 474) and biology (BIO 474) departments in alternating years.)

In addition:

Psychology majors must elect at least three additional courses numbered at the 300 level or higher from among the additional offerings in the department or from among the courses listed in the categories above. BIO 320 - Developmental Biology and BIO 360 - Neurobiology will also fulfill psychology electives.

Public and Community Service Studies

Bachelor of Arts

Public and Community Service Studies (PSP) offers an interdisciplinary curriculum focused on solving real-world problems. PSP students work closely with faculty and community partners to research and address complex issues and then reflect on this shared work to develop the leadership skills necessary for making positive social change. The department's innovative curriculum, the first of its kind in the country, continues to make it a pioneer and leader in community engaged, experiential learning.

PSP offers introductory courses that are open to all students, as well as major and minor courses that cover central themes such as rebuilding democratic communities, re-thinking effective service, and organizing for social justice. The academic program is built on a collaborative teaching model with all of the courses integrating community engaged learning in an intentional way. With a dynamic group of faculty and community partners, students are asked to be co-creators of their learning. Students engage in a diverse range of community work including direct service, community organizing, community development, and public policy. In the process, students develop 21st century skills like public speaking, community building, working across cultural boundaries, organizational development, policy analysis, and collaborative research.

Required Courses

A. Foundational Courses (six courses, 18 hours)

PSP 101 - Introduction to Service in Democratic Communities

PSP 202 - Foundations of Organizational Service

PSP 302 - Diversity, Community, and Service or approved substitute

PSP 303 - Community Organizing

PHL 301 - Ethics, Moral Leadership, and the Common Good

THL 376 - Catholic Social Thought

B. Thematic Concentration

Students design a self-selected three-course track connected to the study of public and community service. Tracks are designed in consultation with the academic advisor and department chair, and are organized around topics of interest such as "youth development," "environmental sustainability," or "nonprofit management." Courses from the track can be designated PSP courses or courses taken in other departments at the College or during study abroad.

C. Leadership Skills and Fieldwork Experience (three courses, 9 credits)

PSP 320 - Practicum in Public and Community Service 3 Credits

PSP 321 - Practicum in Public and Community Service 3 Credits

PSP 450 - Internship in Community Service 3 Credits

D. Capstone Experience (two semesters, 6 credits)

PSP 480 - Capstone Seminar 3 Credits

PSP 481 - Capstone Seminar 3 Credits

Quantitative Economics

Bachelor of Arts

This major is designed to allow students to develop strong quantitative skills within the context of the economics major. It is a very fruitful course of study for the student who plans to pursue graduate work in economics, business, or other areas in the social sciences. It also prepares students for immediate employment in careers requiring economic research.

Required Courses

- ECN 101 - Principles of Economics: Micro 3 Credits
- ECN 102 - Principles of Economics: Macro 3 Credits
- ECN 201 - Microeconomic Analysis 3 Credits
- ECN 202 - Macroeconomic Analysis 3 Credits
- ECN 214 - Introduction to Econometrics with Computing Lab 4 Credits
- ECN 419 - Intermediate Econometrics 3 Credits
- ECN 417 - Mathematics for Economists I 3 Credits
- ECN 409 - Economic Forecasting
- ECN 488 - Economics Senior Capstone 3 Credits
- MTH 109 - Calculus I (3 Credits) & MTH 110 - Calculus II (3 Credits) OR
MTH 131 - Calculus and Analytical Geometry I (4 Credits) & MTH 132 - Calculus and Analytical
Geometry II (4 Credits)
- MTH 217 - Introduction to Statistics OR MTH 325 - Probability Theory and Mathematical
Statistics I

Quantitative economics majors develop a supporting area of quantitative electives that include three courses (nine credits) from within or across the departments of math, computer science, engineering-physics systems, accounting, finance, or management. These courses must form a coherent unit and allow for further integration of quantitative analysis into the curriculum.

The remaining four economics electives (12 credits) may be selected from the list of upper-division economics electives.

Beginning with the Class of 2020: The remaining one economics elective (3 credits) may be selected from the list of upper-division economics electives.

Social Science

Bachelor of Arts

The Social Science Program addresses the interests of students who are drawn to the social science area of the Liberal Arts curriculum. These students wish to combine exploration of the breadth of the subject area with not only sufficient depth of inquiry, but also with the structure for systematic study provided by a major.

This choice of approach to learning may emerge from one, or more, objectives. A student may have identified the desired area of study, but would like to have more knowledge of the range of social science, before making a choice of a single discipline for concentration later in graduate school. Another student may be preparing to teach and would find it valuable to be able to bring knowledge of

perspectives, methods, and concepts of a variety of social science disciplines into schools at various levels, therefore being a more attractive candidate for a position, and, subsequently, a more effective teacher in the classroom. This background would also be seen as valuable for students contemplating other professions, as well: social work, community service, law, city and regional planning, medicine, and business, to name but a few. Thus, the Social Science major might be chosen as a single field for focus in an undergraduate education; or, may be combined with another major or minor.

The Major in Social Science

The major in Social Science leads to the degree of Bachelor of Arts. The program is interdisciplinary in character and, thus, offers students the opportunity to invest initiative and creativity in a combination of social science disciplines - three in number. These disciplines include anthropology, economics, history, linguistics, political science, psychology, and sociology. From among these disciplines, three must be selected for emphasis. Students plan their course of study, with the Director of the Program, to meet their interests and fulfill the requirements of the major. Together they seek a combination of depth and breadth, in part by using a suggested model of a minimum of three courses in two of the selected disciplines and two in the third, distributed across the major required courses/electives as appropriate.

Required Courses

The major requires a minimum of ten courses chosen from among the social science disciplines; and requires maintenance of a minimum GPA of 2.0.

These 10 courses must include a research methods course (either Anthropology 360, Economics 214, History 100, Political Science 102, Psychology 201, or Sociology 209), a theory course (either Anthropology 401, Economics 309; 484, Political Science 341; 342; 343; 344; 348; 480, Psychology 481; 486, or Sociology 403; 417), and the Social Science Capstone Seminar (SSC 480).

At least six courses must be at the upper-division level, designated in the Social Science Program as offered at the 300-400 level.

Fulfillment of Major Requirements:

- Research methods course
- Theory course
- Social Science Capstone Seminar (SSC 480)
- Seven electives (may only be fulfilled with courses from the student's 3 areas of emphasis)
- Calculation of Major GPA:
- Research methods course
- Theory course
- Social Science Capstone Seminar (SSC 480)
- Seven electives (may only be fulfilled with courses from the student's 3 areas of emphasis)
- Plus any additional courses taken from these three disciplines

Social Work

Bachelor of Arts

Required Courses

- SWK 101 - 21st Century Social Work 3 Credits
- SWK 220 - Diversity and Culture in Social Work Practice 3 Credits
- SWK 253 - Human Behavior Through the Life Span 3 Credits

- SWK 254 - Human Behavior in Social Systems 3 Credits
- SWK 360 - Social Policy 3 Credits
- SWK 365 - Practice with Individuals, Families, and Groups 3 Credits
- SWK 366 - Community and Political Practice 3 Credits
- SWK 368 - Research 3 Credits
- SWK 370 - Social Work Internship and Seminar I 4 Credits
- SWK 450 - Social Work Internship and Seminar II 6 Credits
- SWK 451 - Social Work Internship and Seminar III 6 Credits
- SWK 488 - Theory/Practice Capstone 3 Credits
- SWK 489 - Theory/Practice Capstone 3 Credits
- BIO 122 - Human Biology 3 Credits

Notes:

SWK 101, 220, 253, 254 should be fulfilled before junior year.

The department recommends that majors take BIO 122 at the sophomore level. This course may be credited toward the natural science core.

Graduate programs in social work want students to have a course in statistics before beginning advanced standing studies.

Students interested in study abroad, with special accommodations, may do so in the second semester of the junior year. Students should notify the chair or academic advisor of their consideration of foreign study by the end of their freshman year, or at the latest by the very beginning of the sophomore year, so that course scheduling can be adjusted.

Students entering Providence College with two to three years of a foreign language, particularly Spanish, are strongly encouraged to continue their language study.

Sociology

Bachelor of Arts

The primary objective of the major is to provide students with a better understanding of human society, particularly in the contexts of social structure, economy, and culture. The major encourages students to critically analyze human experience through the prism of social, political, and economic structures and institutions, and to gain insight into the lives of individuals through a culturally sensitive lens. How are our lives as individuals—our material quality of life, our life chances and opportunities, our life styles, our identities and beliefs—potentially shaped by larger social, economic, and cultural systems and processes? Throughout their course of study in the major, and as reflective of the sociology faculty's broad range of expertise, students will have the opportunity to apply sociological theory, research methods, and empirical scholarship to a wide range of foci, including but not limited to: the intersections of race, class, and gender; inequality; poverty and homelessness; globalization; immigration; violence and crime; politics; education and social policy; social movements and social change; health and medicine; media and technology; and popular culture.

Courses in the major emphasize those skills important to students' careers: critical thinking, the ability to read and write analytically, to problem-solve, and to communicate orally. More specifically, the major's objectives are to encourage students to appreciate the unique contribution of the sociological perspective; learn about the history and/or content of the discipline; develop an awareness of sociology and its relationship to the other social sciences and the liberal arts; develop methodological skills necessary to gather and evaluate sociological information; learn how sociological

questions and answers influence social policy; develop a level of academic training necessary to pursue advanced studies in graduate and professional school in a variety of fields such as public policy, public health, criminal justice, law, counseling, social service, marketing, public relations, and business; develop a better understanding of their social environments, with special regard to race, class, gender, and other bases of inclusion/exclusion in American society and in other societies; and consequently to provide heightened insight into one's life, society, and the critical problems of the times.

In addition to traditional and innovative classroom experiences, sociology majors can avail themselves of opportunities for independent study, internships, service experiences in the community, research and senior thesis courses under the supervision of a faculty mentor, and invitations to join our sociology honor society.

Required Courses

Students who major in sociology complete a minimum of 10 courses, including four "core" courses:

SOC 101 - Introductory Sociology

SOC 209 - Social Research Methods

SOC 403 - History of Social Thought

OR

SOC 417 - Contemporary Sociological Theory

SOC 480 - Senior Capstone Seminar

Students also must complete six electives and are encouraged to spread their electives over a wide range of sociological topics.

Those students interested in research-related fields or in attending graduate or professional schools are strongly encouraged to take SOC 336 - Social Statistics.

Ordinarily, the Research Methods and Theory courses must be completed by the end of the junior year.

SOC 450 - Sociology Internship and/or SOC 451 - Women and Family Issues Internship are strongly recommended in the junior or senior year.

Studio Art

Bachelor of Arts

The studio art program stresses a strong foundation in both the fine arts and the liberal arts on which to build careers in the art field. The student is also prepared for graduate study leading to the M.F.A. in studio art, the M.A.T. in art education, or advanced degrees in various design fields.

By the end of the sophomore year, studio art majors choose a concentration area: ceramics, digital imaging, drawing, painting, photography, printmaking, or sculpture. The studio art major takes courses not only in their field of concentration, but in other studio areas in order to experience and gain knowledge in a wide range of art and media methods. In the second semester of the senior year, with the guidance of the advisor, the studio art major is required to present a thesis exhibition as a culmination of the concentration studies.

Required Courses

Previous Curriculum: Optional for Class of 2019, 2020, 2021

- ART 101 - Visual Design I: 2D 3 Credits
- ART 102 - Visual Design II: 3D 3 Credits

- ART 111 - Drawing I 3 Credits
- ART 112 - Drawing II 3 Credits
- ART 213 - Drawing III 3 Credits
- ARH 106 - Art History Survey 3 Credits
- (3) Art History Electives
- (4) Art Electives
- Art Concentration I, II, III, IV (Studio Thesis)
- PHL 407 - Philosophy of Art is recommended for majors when offered.

Required Courses

New Curriculum: Required for Class of 2022 and later; Optional for Class of 2019, 2020, 2021

- ART 101 - Visual Design I: 2D 3 Credits
- ART 102 - Visual Design II: 3D 3 Credits
- ART 111 - Drawing I 3 Credits
- ARH 106 - Art History Survey 3 Credits

- ARH 209 - Modern Art 3 Credits
OR
- ARH 304 - American and European Art Since 1945 3 Credits

- Two Studio Art electives outside the concentration (6 credits)
- ART 400 - Senior Seminar in Studio Art 3 Credits
- Art Concentration I, II, III, IV (Studio Art Thesis) 12 credits

Studio Thesis Courses

For All Students (Class of 2019 and beyond)

Required of all studio majors. Production of a mature body of work in preparation for the senior thesis exhibition, the capstone of the studio art major. All studio majors present a solo gallery exhibition of work in their concentration area during the final semester of their degree program. *Prerequisite: Three courses in the selected concentration or consent of the department chairperson and advisor.*

ART 492 - Drawing Thesis 3 Credits

ART 493 - Sculpture Thesis 3 Credits

ART 494 - Painting Thesis 3 Credits

ART 496 - Ceramics Thesis 3 Credits

ART 497 - Photography Thesis 3 Credits

ART 498 - Digital Imaging Thesis 3 Credits

Theatre

Bachelor of Arts

Required Courses

The theatre major is required to earn a minimum of 38 credits in theatre in accordance with the following outline:

Core Courses

- TDF 108 - Script Analysis 3 Credits
- TDF 109 - Introduction to Acting 3 Credits
- TDF 202 - History of Theatre 3 Credits
- TDF 205 - Theatrical Production 3 Credits
- TDF 252 - Crew Experience 1/2 Credit *
- **Four Crew experiences required at 0.5 credits each.*
- TDF 301 - Western Drama in Performance 3 Credits
- TDF 492 - Senior Capstone Project 3 Credits

Electives (18 Credits)

Theatre Majors choose (6) Electives, at least (4) of which must be at the 300-level or above.

(1) or more must be from the following:

- ENG 311 - Shakespeare: Histories and Comedies 3 Credits
- ENG 312 - Shakespeare: Tragedies and Romances 3 Credits
- ENG 313 - Renaissance Drama 3 Credits
- ENG 357 - Modern Drama 3 Credits
- ENG 368 - Twentieth-Century American Drama 3 Credits
- ENG 372 - Contemporary Drama 3 Credits
- TDF 480 - Theatre Seminar 3 Credits

Electives chosen in consultation with advisor. Three must be at 300-level or above:

- TDF 105 - Stagecraft 3 Credits
- TDF 107 - Oral Interpretation: The Performance of Literature 3 Credits
- TDF 201 - History of Fashion and Costuming 3 Credits
- TDF 204 - Voice and Diction 3 Credits
- TDF 206 - American Musical Theatre 3 Credits
- TDF 210 - Introduction to Theatrical Design 3 Credits
- TDF 304 - Acting Realism 3 Credits
- TDF 305 - Acting: Improvisation 3 Credits
- TDF 306 - Acting: Presentational Styles 3 Credits
- TDF 309 - Principles of Directing 3 Credits
- TDF 320 - Women in the Arts, 1960-Present 3 Credits
- TDF 321 - Screenwriting 3 Credits
- TDF 405 - Principles of Playwriting 3 Credits
- TDF 407 - Children's Theatre and Creative Drama 3 Credits
- TDF 408 - Production 3 Credits
- TDF 409 - Production 3 Credits
- TDF 470 - Special Topics in Theatre/Studio 3 Credits

Theatre: Musical Theatre Concentration

Theatre majors may use their elective credits to focus on areas of interest. Majors with a particular interest in musical theatre may declare the Musical Theatre Concentration within the theatre major aims to develop the students' talent and ability with the goal of helping the students discover their

own unique abilities in musical theatre. A successful professional in musical theatre must possess strong technical skills in acting, voice, music and dance with the ability to integrate these skills with ease, expressiveness, and versatility. As such the concentration requires coursework in music, acting and dance combined with many performance opportunities. In order to concentrate in musical theatre, students must elect either a music or theatre major. This assures that they will have a deep grounding in at least one of the two foundational areas of musical theatre.

Theatre (20 Credits)

TDF 108 Script analysis 3 credits

TDF 109 Intro to Acting 3 credits

TDF 202 History of Theatre 3 credits

TDF 205 Theatrical Production 3 credits

TDF 252 Crew Experience 2 credits

TDF 301 Western Drama in Performance 3 credits

TDF 492 Senior Capstone Project 3 credits

*Four Crew experiences required at .5 credit each.

Electives (3 credits)

Theatre Majors in the Musical Theatre Track must also take one (1) upper-level elective selected from among: ENG 311, 312, 313, 357, 372, or TDF 480.

Musical Theatre Track (19 credits)

MSC 101 Basic Concepts of Music 3 credits OR MSC 201 Theory I 3 credits

TDF 204 Voice & Diction 3 credits

TDF 206 American Musical Theatre 3 credits

One dance course selected from the following: 111, 212, 214, 216, 312, 313, 316, 318, 370, as appropriate to skill level. 3 credits

MSC/TDF 483 Musical Theatre: Advanced Analysis & Performance 3 credits

In addition, students will be required to take a minimum of two (2) semesters of voice lessons (**3 credits total**) and two (2) semesters of opera/musical theater workshop (**1 credit total**), which together equal **4 credits**.

Theology

Bachelor of Arts

Majoring in theology at Providence College gives the student a solid grounding in the Catholic theological tradition with special emphasis on the teaching of the Church, but also explores the best of contemporary scholarship in scripture, systematics, moral theology, spiritual theology, and liturgy. Balance is the keynote of the Providence College approach to the theological enterprise and this can be seen in the varied courses offered by our well-trained professors from a variety of academic backgrounds.

Our program provides the flexibility for the student to specialize in a particular area of theology: biblical theology, systematic and historical theology, spiritual theology, and moral theology. Our graduates have gone on to such varied positions as seminary and college teaching, ordained priests

and ministers, editors of Catholic newspapers, major religious film makers, diocesan and parish directors of religious education, high school and grade school teachers of religion, and pastoral assistants in parishes.

Required Courses

THL 220 - New Testament: Literature & Theology 3 Credits

THL 240 - Theology of St. Thomas Aquinas 3 Credits

OR

THL 443 - Advanced Study of St. Thomas 3 Credits

THL 312 - Old Testament/Hebrew Scripture 3 Credits

THL 330 - Early Christian Doctrines 3 Credits

THL 350 - Christ, Word and Redeemer 3 Credits

THL 370 - Principles of Moral Decision 3 Credits

THL 480 - Major Seminar 3 Credits

THL 481 - Major Seminar 3 Credits

Three theology electives, one of which must be a 400-level course

Women's Studies

Bachelor of Arts

Required Courses

Students are required to complete 10 courses in women's studies which must include:

WMS 101 - Introduction to Women's Studies and

WMS 489 - Capstone Seminar: Issues in Women's Studies.

At least six of the 10 courses must be at the 300 or 400 level.

At least three of the 10 courses must be from WMS courses designated by the director as "Humanities."

At least three of the 10 courses must be from WMS courses designated by the director as "Natural or Social Sciences."

The remaining two courses must be from the WMS courses designated by the director as "Humanities or Social Sciences."

Bachelor of Science

Accountancy

Bachelor of Science

Accountancy is the study of the means used to communicate financial and economic information to decision-makers. The curriculum concentrates on developing a strong understanding of the rationale

behind and implications of the accounting treatment afforded various economic transactions. Additionally, the student is introduced to the various tools used by the accounting professional.

The program's objective is to enable the student to adapt the knowledge and skills developed through the study of accounting to new situations encountered in a dynamic business environment. The curriculum includes a variety of learning experiences including case analyses, computer labs and assignments, team projects, oral presentations, internships, and research projects.

The accountancy program prepares graduates to pursue careers as certified public accountants, private accountants, financial managers, financial analysts, internal auditors, certified management accountants, and government auditors. Graduates are also prepared for advanced study in the fields of law or business. Students who minor in accountancy augment other majors with knowledge and skills that are transferable to a wide variety of careers.

C.P.A. Exam Requirement

Requirements to sit for the Uniform Certified Public Accountant (C.P.A.) exam vary by state. Certain states require specific electives and/or additional courses beyond the major requirements stated below. Other states require C.P.A. candidates to have completed 150 hours of education prior to sitting for the C.P.A. exam. Providence College offers a Master of Business Administration Program that provides an opportunity for the student to fulfill the 150 hours education requirement. Students are advised to contact the appropriate state Board of Accountancy for specific requirements and consult with their advisor to develop a plan to meet those requirements. Students may also refer to the accountancy department Web site at <http://business.providence.edu/accountancy>.

PCSB Major Requirements and Policies

All students majoring in business need to follow PCSB requirements. Major requirements may vary. Students should consult with their faculty advisor and the Academic Guidebook to review the Academic Planning Form pertinent to their program of study. In addition, students should review course descriptions regarding any prerequisites for required courses. Graduation requirements include a minimum of 120 credit hours, although some academic programs may require additional credits. Please refer to the Academic Resources section of the catalog for more information. Information regarding the Core Curriculum is available within each course and online. Additional requirement and policy information can be found on the School of Business website.

Required Courses

ACC 110 - Computer Applications in Business I 1 Credit

AND

ACC 111 - Computer Applications in Business II 1 Credit

OR

ACC 113 - Data Applications in Business 2 Credits

ACC 200 - Introduction to the Profession 1 Credit

ACC 203 - Financial Accounting 3 Credits

ACC 204 - Managerial Accounting 3 Credits

ACC 301 - Cost Accounting 3 Credits
ACC 310 - Intermediate Accounting I 4 Credits
ACC 311 - Intermediate Accounting II 4 Credits
ACC 350 - Accounting Information Systems 3 Credits
ACC 405 - Advanced Accounting 3 Credits
ACC 406 - Taxes and Business Decisions 3 Credits
ACC 412 - Auditing 4 Credits
ACC 485 - Accounting Policy 3 Credits
FIN 207 - Managerial Finance I 3 Credits
FIN 217 - Statistical Analysis for Business Decisions I 3 Credits *
FIN 310 - Operations Management 4 Credits
MGT 301 - Organizational Behavior 3 Credits
MGT 330 - Legal Environment for Business I 3 Credits
MKT 205 - Principles of Marketing 3 Credits

*MTH 217- Introduction to Statistics can be substituted for FIN 217 for all majors. Higher level Statistics may be substituted with permission from PCSB.

Applied Physics

Bachelor of Science

The Department of Engineering-Physics-Systems offers a cross-disciplinary program in applied physics that combines the traditional physics program with courses in systems science. The program builds skills in problem solving, planning, and technical management while preparing students for a variety of career and/or graduate study options. It is founded on a humanities and technical core curriculum similar to the combined-plan engineering program. Physics, chemistry, mathematics, and computational science form the technical core. The final four semesters provide the courses that are specific to the concentration.

Required Courses

EPS 101 - General Physics I 4 Credits
EPS 102 - General Physics II 4 Credits
EPS 131 - Introduction to Engineering 1 Credit
EPS 201 - Introductory Modern Physics 4 Credits
EPS 202 - Electronic Devices 4 Credits
EPS 221 - Scientific Programming 3 Credits
EPS 222 - Elements of Systems Modeling 1 Credit
EPS 301 - Mechanics 3 Credits
EPS 302 - Electromagnetism 3 Credits

EPS 401 - Classical Dynamics 3 Credits

EPS 430 - Thermodynamics 3 Credits

EPS 448 - Applied Quantum Physics 3 Credits #

EPS 495 - Research 3 Credits *

EPS 496 - Research 3 Credits *

* EPS 450 - Internship can be substituted for EPS 495, EPS 496 or both.

CHM 101 - General Chemistry I 4 Credits

OR

CHM 121 - Introductory Chemistry I 4 Credits

CHM 102 - General Chemistry II 4 Credits

OR

CHM 122 - Introductory Chemistry II 4 Credits

MTH 131 - Calculus and Analytical Geometry I 4 Credits

MTH 132 - Calculus and Analytical Geometry II 4 Credits

MTH 223 - Calculus and Analytical Geometry III 4 Credits

MTH 304 - Ordinary Differential Equations 3 Credits

MTH 318 - Topics in Applied Mathematics 3 Credits

EPS 448 is only offered in the Spring of even years.

Biochemistry

Bachelor of Science

The bachelor of science degree program in biochemistry is a rigorous course of study that combines the chemistry courses required for the bachelor of arts degree with selected courses in biology and biochemistry. The biochemistry degree program is excellent preparation for students interested in medical and dental school as well as students interested in graduate school in biochemistry or molecular biology. Students may earn certification by the American Chemical Society and/or the American Society of Biochemistry and Molecular Biology.

Required Courses

- BIO 103 - General Biology: Cells and Organisms 4 Credits
- BIO 104 - General Biology: Ecology and Evolution 4 Credits
- BIO 200 - Cell Biology and Molecular Genetics 3 Credits
- BIO 308 - Modern Genetics 4 Credits
- CHM 121 - Introductory Chemistry I 4 Credits

- CHM 122 - Introductory Chemistry II 4 Credits
- CHM 221 - Organic Chemistry I 4 Credits
- CHM 222 - Organic Chemistry II 4 Credits
- CHM 309 - Biochemistry I 3 Credits
- CHM 310L - Biochemistry Laboratory 3 Credits
- CHM 312 - Biochemistry II 3 Credits
- CHM 321 - Physical Chemistry I 3 Credits
- CHM 321L - Physical Chemistry I Laboratory 1 Credit
- CHM 331 - Advanced Analytical I 4 Credits
- CHM 381 - Chemistry Seminar 1 Credit
- CHM 382 - Chemistry Seminar 2 Credits
- CHM 481 - Chemistry Seminar 2 Credits
- CHM 482 - Chemistry Seminar 0 Credits
- EPS 101 - General Physics I 4 Credits
- EPS 102 - General Physics II 4 Credits
- MTH 131 - Calculus and Analytical Geometry I 4 Credits
- MTH 132 - Calculus and Analytical Geometry II 4 Credits
- Chemistry Elective: Chosen from 300/400 level courses in chemistry excluding Research.

In order to attain American Chemical Society certification, the Chemistry elective must be CHM 401 - Inorganic Chemistry 4 Credits.

In order to attain American Society of Biochemistry and Molecular Biology (ASBMB) certification, students must take and pass an exam administered by ASBMB.

Biology

Bachelor of Science

The B.S. program is designed to meet the needs of students interested in pursuing graduate study or research in the biological sciences, or careers in the health professions or other science-related fields.

Required Courses

In addition to the College's general degree requirements, the courses required for the B.S. degree are *two semesters* of General Biology, General Chemistry, Calculus, Organic Chemistry, General Physics, and *one semester* of Introduction to Cell and Molecular Genetics, plus five (5) additional biology courses, of which three (3) must be laboratory courses (i.e., 4 credit hours).

It is *strongly recommended* that students in the B.S. program participate in some form of experiential education, e.g., internships, research (on- or off-campus) or attend a field school for at least one summer.

Premedical Sciences Preparation

The B.S. and B.A. degree programs meet the science requirements demanded for admission to professional schools specializing in the health sciences such as medicine, dentistry, optometry, nursing, physical therapy, and veterinary medicine. However, some students whose interests lie in other areas may elect to major in a non-science department while still successfully completing the prerequisites for medical, dental, veterinary, nursing, physical therapy, or optometry school admission. Students who are planning for a career in the medical sciences should consult with the advisor for health professions early in their freshman year. For more information, please refer to the Premedical Sciences and Health Professions Programs section of this catalog.

Neuroscience Certificate Program

Please refer to the Neuroscience Certificate Program section of the catalog for information about an integrated course of study in neuroscience for biology and psychology majors.

Biology electives may be from any of the following:

Either Research (BIO 395, 396, 495 or 496) OR Internship (BIO 450) will count as a biology elective, not both, and any additional courses under these numbers will count as free electives.

- BIO 201 - Comparative Anatomy 4 Credits
- BIO 205 - Human Anatomy 4 Credits
- BIO 210 - Field Botany 4 Credits
- BIO 215 - Histology and Cytology 4 Credits
- BIO 220 - An Introduction to Tropical Biology 4 Credits
- BIO 225 - Symbiosis 3 Credits
- BIO 227 - Genes and Gender 3 Credits
- BIO 240 - Marine Biology 4 Credits
- BIO 308 - Modern Genetics 4 Credits
- BIO 310 - Evolution 3 Credits
- BIO 320 - Developmental Biology 4 Credits
- BIO 330 - Comparative Biomechanics 4 Credits
- BIO 350 - Animal Behavior 4 Credits
- BIO 360 - Neurobiology 4 Credits
- BIO 395 - Research 3 Credits
- BIO 396 - Research 3 Credits
- BIO 401 - Ecology 4 Credits
- BIO 405 - Physiology 4 Credits
- BIO 407 - Microbiology 4 Credits
- BIO 410 - Electron Microscopy 4 Credits
- BIO 413 - Cell Signaling 3 Credits
- BIO 416 - Immunology 4 Credits
- BIO 450 - Internship 3 Credits
- BIO 475 - Advanced Topics Seminar 3 Credits
- BIO 476 - Advanced Topics Seminar 4 Credits
- BIO 495 - Research 3 Credits
- BIO 496 - Research 3 Credits
- CHM 309 - Biochemistry I 3 Credits
- MTH 218 - Biostatistics 3 Credits (MTH Core for B.S. program; Science elective for B.A. program)
- PSY 315 - Human Neuropsychology 3 Credits
- PSY 326 - Biopsychology 3 Credits
- PSY 426 - Experimental Biopsychology 4 Credits

Biology/Optomerty

Bachelor of Science

Combined Degree Program with New England College of Optometry

This program is designed for the highly motivated student with a professional goal in optometry. It allows for completion of the B.A. or B.S. degree in biology and the O.D. degree (doctor of optometry) in seven years, rather than the usual eight.

The first three years at Providence College offer a blend of liberal arts, basic, and biological sciences, which will prepare students for professional study. The next four years at New England College of Optometry (NECO) provide the course work required to complete the Providence College baccalaureate degree as well as the professional training required for the doctoral degree in optometry.

The combined program is designed for the academically outstanding student, especially in math and science, who has a strong and realistic motivation toward the optometric profession. Applications are accepted after completion of one semester at Providence College. All applicants are interviewed by representatives of Providence College and the New England College of Optometry.

The Combined Degree Program with New England College of Optometry fulfills the Core Focus/Concentration requirement by virtue of completing all requirements for the degree(s). This is applicable provided the following:

Students enroll in five (5) course per semester (in addition to any 1-credit requirements), beginning with the second semester of freshman year.

Students will not have any free electives, and will work closely with their faculty advisor to plan course schedules that fulfill all major and Core requirements.

Students will have more flexibility if they are able to fulfill proficiency requirements with courses that also meet major or Core Foundational requirements.

Required Courses

- BIO 103 - General Biology: Cells and Organisms 4 Credits
- BIO 104 - General Biology: Ecology and Evolution 4 Credits
- BIO 200 - Cell Biology and Molecular Genetics 3 Credits
- BIO 407 - Microbiology 4 Credits
- CHM 101 - General Chemistry I 4 Credits
- CHM 102 - General Chemistry II 4 Credits
- CHM 201 - Organic Chemistry 4 Credits
- CHM 202 - Organic Chemistry 4 Credits
- EPS 101 - General Physics I 4 Credits
- EPS 102 - General Physics II 4 Credits
- MTH 109 - Calculus I 3 Credits
- MTH 110 - Calculus II 3 Credits

(2) Biology Electives with Lab

(1) Psychology Elective

(2) Biology Electives (fulfilled by first year courses at NECO)

OAT- February Test Administration

Credits to complete the B.S. degree in biology will be met from among the first-year courses at NECO including Systems Physiology, Microbiology, Immunology, Genetics, Neuroanatomy, Cellular Physiology/Biochemistry/Molecular Pathology I and II.

Biology electives may be from any of the following:

Either Research (BIO 395, 396, 495 or 496) OR Internship (BIO 450) will count as a biology elective, not both, and any additional courses under these numbers will count as free electives.

- BIO 201 - Comparative Anatomy 4 Credits
- BIO 205 - Human Anatomy 4 Credits
- BIO 210 - Field Botany 4 Credits
- BIO 215 - Histology and Cytology 4 Credits
- BIO 220 - An Introduction to Tropical Biology 4 Credits
- BIO 225 - Symbiosis 3 Credits
- BIO 227 - Genes and Gender 3 Credits
- BIO 240 - Marine Biology 4 Credits
- BIO 308 - Modern Genetics 4 Credits
- BIO 310 - Evolution 3 Credits
- BIO 320 - Developmental Biology 4 Credits
- BIO 330 - Comparative Biomechanics 4 Credits
- BIO 350 - Animal Behavior 4 Credits
- BIO 360 - Neurobiology 4 Credits
- BIO 395 - Research 3 Credits
- BIO 396 - Research 3 Credits
- BIO 401 - Ecology 4 Credits
- BIO 405 - Physiology 4 Credits
- BIO 407 - Microbiology 4 Credits
- BIO 410 - Electron Microscopy 4 Credits
- BIO 413 - Cell Signaling 3 Credits
- BIO 416 - Immunology 4 Credits
- BIO 450 - Internship 3 Credits
- BIO 475 - Advanced Topics Seminar 3 Credits
- BIO 476 - Advanced Topics Seminar 4 Credits
- BIO 495 - Research 3 Credits
- BIO 496 - Research 3 Credits
- CHM 309 - Biochemistry I 3 Credits
- MTH 218 - Biostatistics 3 Credits (MTH Core for B.S. program; Science elective for B.A. program)
- PSY 315 - Human Neuropsychology 3 Credits
- PSY 326 - Biopsychology 3 Credits
- PSY 426 - Experimental Biopsychology 4 Credits

Biology/Secondary Education

Bachelor of Science

Required Courses

This program of study provides certification in Biology and General Science.

1 year General Biology BIO 103-104

1 year General Chemistry CHM 101-102

1 year Organic Chemistry CHM 201-202

1 year General Physics EPS 101-102

1 year Calculus MTH 109-110

1 semester Cell Bio & Mol Genetics BIO 200

5 semesters of biology electives, three of which must be lab courses (Required for the B.S. degree and certification in most other states as approved by the Interstate Certification Compact. Ecology and Physiology are strongly recommended as one of these electives.)

EDU 201 - Educational Psychology

EDU 206 - Principles of Secondary Education

EDU 206L - Principles of Secondary Education Field Experience

EDU 301 - Foundations of Education

EDU 303 - The Child with Special Needs in the Regular Classroom

EDU 303L - The Child with Special Needs in the Regular Classroom Field Experience

EDU 401 - Educational Measurement

EDU 401L - Educational Measurement Field Experience

EDU 412 - Teaching Science in Secondary Schools

EDU 412L - Teaching Science in Secondary Schools Field Experience

EDU 449 - Classroom Management for High/Middle School Teachers

EDU 450 - Student Teaching in the Secondary School

Notes

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.5 cumulative GPA, minimum 2.0 average in Biology major courses, C or higher in all Education courses. Please visit the Secondary Education section for additional information.

Biology electives may be from any of the following:

Either Research (BIO 395, 396, 495 or 496) OR Internship (BIO 450) will count as a biology elective, not both, and any additional courses under these numbers will count as free electives.

- BIO 201 - Comparative Anatomy 4 Credits
- BIO 205 - Human Anatomy 4 Credits
- BIO 210 - Field Botany 4 Credits
- BIO 215 - Histology and Cytology 4 Credits
- BIO 220 - An Introduction to Tropical Biology 4 Credits
- BIO 225 - Symbiosis 3 Credits
- BIO 227 - Genes and Gender 3 Credits
- BIO 240 - Marine Biology 4 Credits
- BIO 308 - Modern Genetics 4 Credits
- BIO 310 - Evolution 3 Credits
- BIO 320 - Developmental Biology 4 Credits
- BIO 330 - Comparative Biomechanics 4 Credits
- BIO 350 - Animal Behavior 4 Credits
- BIO 360 - Neurobiology 4 Credits
- BIO 395 - Research 3 Credits
- BIO 396 - Research 3 Credits
- BIO 401 - Ecology 4 Credits
- BIO 405 - Physiology 4 Credits
- BIO 407 - Microbiology 4 Credits

- BIO 410 - Electron Microscopy 4 Credits
- BIO 413 - Cell Signaling 3 Credits
- BIO 416 - Immunology 4 Credits
- BIO 450 - Internship 3 Credits
- BIO 475 - Advanced Topics Seminar 3 Credits
- BIO 476 - Advanced Topics Seminar 4 Credits
- BIO 495 - Research 3 Credits
- BIO 496 - Research 3 Credits
- CHM 309 - Biochemistry I 3 Credits
- MTH 218 - Biostatistics 3 Credits (MTH Core for B.S. program; Science elective for B.A. program)
- PSY 315 - Human Neuropsychology 3 Credits
- PSY 326 - Biopsychology 3 Credits
- PSY 426 - Experimental Biopsychology 4 Credits

Chemistry

Bachelor of Science

The bachelor of science program in chemistry is designed to provide in-depth training in all areas of chemistry for those students with a strong interest in employment as a professional chemist or entry into graduate school. The program is certified by the American Chemical Society. Students who wish to pursue graduate study are advised to take two mathematics courses beyond the required minimum.

Required Courses

- CHM 121 - Introductory Chemistry I 4 Credits
- CHM 122 - Introductory Chemistry II 4 Credits
- CHM 221 - Organic Chemistry I 4 Credits
- CHM 222 - Organic Chemistry II 4 Credits
- CHM 309 - Biochemistry I 3 Credits
- CHM 311 - Chemistry of Materials with Lab 2 Credits
- CHM 321 - Physical Chemistry I 3 Credits
- CHM 321L - Physical Chemistry I Laboratory 1 Credit
- CHM 322 - Physical Chemistry II with Laboratory 2 Credits
- CHM 331 - Advanced Analytical I 4 Credits
- CHM 332 - Organic Analysis with Lab 2 Credits
- CHM 381 - Chemistry Seminar 1 Credit
- CHM 382 - Chemistry Seminar 2 Credits
- CHM 401 - Inorganic Chemistry 4 Credits
- CHM 432 - Advanced Analytical II with Lab 2 Credits
- CHM 481 - Chemistry Seminar 2 Credits
- CHM 482 - Chemistry Seminar 0 Credits
- EPS 101 - General Physics I 4 Credits
- EPS 102 - General Physics II 4 Credits
- MTH 131 - Calculus and Analytical Geometry I 4 Credits
- MTH 132 - Calculus and Analytical Geometry II 4 Credits

Computer Science

Bachelor of Science

Required Courses

CSC 103 - Computer Science I 4 Credits

CSC 104 - Computer Science II 4 Credits

CSC 225 - Discrete Data Structures 4 Credits

CSC 387 - Computer Architecture 4 Credits

CSC 424 - Database Management Systems 3 Credits

CSC 433 - Computer Networks 3 Credits

CSC 440 - Numerical Analysis I 3 Credits

CSC 445 - Operating Systems 3 Credits

MTH 117 - Discrete Mathematics 3 Credits

OR

MTH 290 - Foundations of Higher Mathematics 3 Credits

MTH 131 - Calculus and Analytical Geometry I 4 Credits

OR

MTH 109 - Calculus I 3 Credits

MTH 132 - Calculus and Analytical Geometry II 4 Credits

OR

MTH 110 - Calculus II 3 Credits

(2) Computer Science electives chosen from the 300 or 400 series

Note: Computer Science majors place into MTH 132 will have the MTH 131 or MTH 109 requirement waived.

(1) Math elective chosen from:

MTH 215 - Linear Algebra

MTH 217 - Introduction to Statistics

MTH 223 - Calculus and Analytical Geometry III

MTH 317 - Number Theory

MTH 331 - Graph Theory OR

Engineering (3+2 Combined Plan Program)

Bachelor of Science

The combined-plan offers multiple degree opportunities for students desiring to enter the engineering profession. The most popular program is the 3+2 plan in which a student spends three years in a pre-engineering curriculum at Providence College where humanities, science, and mathematics courses are integrated to produce the kind of fundamental background needed for future problem solvers. The final two years of study are spent in an engineering concentration of the student's choice at one of our affiliate universities. Students successfully completing the combined-plan program receive two bachelor of science degrees, one from Providence College and one in engineering from the affiliate school which they attend. The diploma from Providence College is awarded at the end of the fifth year of study, when the student has completed his/her studies at the affiliate school. The engineering concentrations available include: biomedical, chemical, civil, electrical, earth and environmental, industrial or operations research, mechanical, computer engineering, computer science, engineering mechanics, materials science, and applied mathematics or applied physics.

We recognize that our students form many valuable and important friendships during their years at Providence College. To honor these relationships, combined-plan students are invited to participate in the numerous pre-graduation activities with their entering year classmates and to participate in their graduation ceremony. Students interested in engineering may also complete the program on a 4+2 schedule, spending four years at Providence College and 2 years at the affiliate school.

Engineering students follow the pre-engineering curriculum outlined below. Students planning to continue in some specialized areas of engineering such as biomedical, chemical or industrial must complete additional or, in some cases, alternative coursework as prescribed by the affiliated university. For guaranteed admission, a GPA of 3.30 both overall and within the math and science courses is required by Columbia University. For Washington University the minimum GPA is 3.25. In addition, Columbia requires that no individual grade in a math or science course drop below a B on the first attempt.

Required Courses

ECN 101 - Principles of Economics: Micro 3 Credits (required by affiliate schools)

EPS 101 - General Physics I 4 Credits

EPS 102 - General Physics II 4 Credits

EPS 131 - Introduction to Engineering 1 Credit

EPS 201 - Introductory Modern Physics 4 Credits

EPS 202 - Electronic Devices 4 Credits

EPS 221 - Scientific Programming 3 Credits

EPS 222 - Elements of Systems Modeling 1 Credit

EPS 301 - Mechanics 3 Credits

EPS 430 - Thermodynamics 3 Credits

CHM 101 - General Chemistry I 4 Credits

OR

CHM 121 - Introductory Chemistry I 4 Credits

CHM 102 - General Chemistry II 4 Credits

OR

CHM 122 - Introductory Chemistry II 4 Credits

MTH 131 - Calculus and Analytical Geometry I 4 Credits

MTH 132 - Calculus and Analytical Geometry II 4 Credits

MTH 223 - Calculus and Analytical Geometry III 4 Credits

MTH 304 - Ordinary Differential Equations 3 Credits

MTH 318 - Topics in Applied Mathematics 3 Credits

Environmental Biology

Note: This major is effective with the class of 2021.

The environmental biology track is a rigorous course of study within the Biology department that integrates many facets of both biological and environmental sciences. It is designed to prepare students for graduate studies and careers in research or applied environmental fields (e.g., environmental consulting). The foundations for the Environmental Biology major are ecology, environmental science, evolution, and conservation.

Curriculum:

All majors will complete **nine required courses, two field-based courses, and five elective courses**. In addition, **two courses from the Environmental Humanities/Social Sciences offerings** are highly recommended in order for students to be well-rounded in their appreciation of environmental interests, competitive in the job market, and for graduate school admissions. The breakdown of courses and category requirements is listed below.

Required Courses:

Nine courses (32 credits):

BIO 103 - General Biology: Cells and Organisms

BIO 104 - General Biology: Ecology and Evolution

BIO 202 - Foundations of Environmental Biology

BIO 250 - Biogeochemistry: Nutrients, Cycles and Global Change

BIO 340 - Environmental Methods & Statistical Analysis

CHM 101 - General Chemistry I

CHM 102 - General Chemistry II

MTH 109 - Calculus I (or equivalent)

MTH 218 - Biostatistics

Field-Based Courses:

Two of the following (8 credits):

BIO 210 - Field Botany

BIO 220 - An Introduction to Tropical Biology

BIO 240 - Marine Biology

BIO 401 - Ecology

BIO - Freshwater Biology

BIO - Wildlife Biology & Conservation

Electives:

Select five of the following (not to overlap with the above; two must be lab-based; 17-20 credits):

BIO 209 - Introductory Botany

BIO 210 - Field Botany

BIO 220 - An Introduction to Tropical Biology

BIO 225 - Symbiosis

BIO 230 - Invertebrate Zoology

BIO 240 - Marine Biology

BIO 310 - Evolution

BIO 350 - Animal Behavior

BIO 378 - Biological Imaging

BIO 395 - Research (only two semesters count towards credits)

BIO 396 - Research (only two semesters count towards credits)

BIO 401 - Ecology

BIO 450 - Internship (must be approved beforehand; only two semesters count towards credits)

BIO 451 - Service Learning in Biology (must be approved beforehand; only two semesters count towards credits)

BIO 475 - Advanced Topics Seminar

BIO 476 - Advanced Topics Seminar

BIO 479 - Advanced Topics Seminar

BIO 495 - Research (only two semesters count towards credits)

BIO 496 - Research (only two semesters count towards credits)

BIO - Freshwater Biology

BIO - Urban Ecology & Evolution

BIO - Wildlife Biology & Conservation

BIO - Genomics

BIO - Complexity

BIO - Entomology

BIO - Molecular Ecology

EPS 222 - Elements of Systems Modeling

INT 379 - Maymester Systems Service Trip

MTH 110 - Calculus II (or equivalent)

PSCI 212 - Introduction to Geology (external course at Rhode Island College approved through PC EPS department)

Environmental Humanities/Social Sciences:

Two of the following courses are highly recommended (*Note: Many of these courses fulfill core curriculum/proficiency requirements; 6 credits*):

AMS 470 - Seminar: Special Topics in American Studies

ECN 335 - The Economics of Developing Nations

ECN 342 - Environmental and Natural Resource Economics

ENG 440 - Studies in Literature

ENG 441 - Studies in Literature

GST 418 - Globalization and Social Justice

PHL 339 - Environmental Philosophy

PSC 217 - Environmental Politics

PSC 318 - American Public Policy

SOC 333 - Environmental Sociology

Finance

Bachelor of Science

The Department of Finance offers a program of study leading to the degree of bachelor of science. In addition, the department offers a minor in finance.

Both programs are designed to expose students to the traditional areas of study within the discipline of finance: corporate finance, investments, and financial institutions.

Fast Track Option

The Department of Finance offers a Fast Track Option in its program plan of study for selected first-year students. This option provides the student the opportunity to complete the required courses in Finance at a faster pace and enroll in higher level finance courses sooner, which may result in students being better prepared for careers in commercial banking/credit risk analysis, investment/wealth management and corporate treasury management. Students with acceptable scores in AP Calculus, AP Statistics, AP Economics and SAT (Math) scores above 600 are strongly encouraged to apply for this track.

Chartered Financial Analyst (CFA) Level I

The B.S. degree in finance has been accepted into the CFA Institute University Recognition Program. This status is granted to institutions whose degree programs incorporate at least 70% of the CFA Program Candidate Body of Knowledge (CBOK) and placing emphasis on the CFA Institute Code of Ethics and Standards of Practice within the program. It positions our students well to sit for the CFA Level I examination. The Chartered Financial Analyst designation (earned after successful completion of CFA Levels I, II and III exams) has become the most respected and recognized investment credential in the world.

Certified Treasury Professional (CTP)

The CTP is the flagship for students desiring to pursue careers in Treasury Management. The finance department is a member and a participant in the Association of Finance Professionals (AFP) Corporate Treasury Management (CTM) Program. The CTP is the Global Standard of Excellence in Treasury Management. As a participant, the finance department has been granted access to the resources that will assist instructors in the delivery of the course and in preparing finance majors to sit for the CTP examination. The programs are called the PCSB Investment Management Track (PC-IMT) and Treasury Management Track respectively. Offering these options at the undergraduate level will provide Providence College students with a clear competitive advantage, increasing their value to a wide range of employers, including those involved with securities analysis, investment banking, treasury management, asset-liability management, and financial planning.

CFA & CTP Tracks

Rather than enrolling in free electives towards the minimum credit requirement for graduation, students in CFA and CTP Tracks are advised to enroll in:

For both CFA & CTP tracks:

ACC 310 - Intermediate Accounting I

ACC 311 - Intermediate Accounting II

FIN 420 - Corporate Treasury Management

For CFA track:

FIN 440 - Options and Futures and

FIN 445 - Portfolio Management and

FIN 417 - Fixed Income Securities

Students may also enroll in the two-semester courses of FIN 495 - Student Managed Investment Fund I & FIN 496 - Student Managed Investment Fund II.

PCSB Major Requirements and Policies

All students majoring in business need to follow PCSB requirements. Major requirements may vary. Students should consult with their faculty advisor and the Academic Guidebook to review the Academic Planning Form pertinent to their program of study. In addition, students should review course descriptions regarding any prerequisites for required courses. Graduation requirements include a minimum of 120 credit hours, although some academic programs may require additional credits. Please refer to the Academic Resources section of the catalog for more information. Information regarding the Core Curriculum is available within each course and online. Additional requirement and policy information can be found on the School of Business website.

Required Courses

ACC 110 - Computer Applications in Business I 1 Credit AND ACC 111 - Computer Applications in Business II 1 Credit

OR

ACC 113 - Data Applications in Business 2 Credits

ACC 203 - Financial Accounting 3 Credits

ACC 204 - Managerial Accounting 3 Credits

FIN 207 - Managerial Finance I 3 Credits

FIN 210 - Introduction to the Finance Profession 1 Credit

FIN 217 - Statistical Analysis for Business Decisions I 3 Credits*

FIN 218 - Financial Markets and Institutions 3 Credits

FIN 308 - Managerial Finance II 3 Credits

FIN 310 - Operations Management 4 Credits

FIN 317 - Investments 3 Credits

FIN 419 - International Finance 3 Credits

FIN 480 - Seminar in Finance 3 Credits

MGT 301 - Organizational Behavior 3 Credits

MGT 330 - Legal Environment for Business I 3 Credits

MKT 205 - Principles of Marketing 3 Credits

One FIN Elective:

FIN 417 - Fixed Income Securities

FIN 420 - Corporate Treasury Management

FIN 440 - Options and Futures

FIN 445 - Portfolio Management

FIN 495 - Student Managed Investment Fund I

Or any other 400-level Finance course, *except* FIN 450 - Finance Internship or FIN 490 - Independent Study in Finance

*MTH 217 - Introduction to Statistics can be substituted for FIN 217 for all majors. Higher level statistics may be substituted with permission from PCSB.

Health Policy and Management

Bachelor of Science

The Department of Health Policy and Management (HPM) offers a course of study leading to the bachelor of science degree. The program prepares undergraduate students for entry-level positions in health services management, health policy making, and public health practice and also provides a strong foundation for graduate study. Required coursework builds on the student's liberal arts background and fosters the value of an interdisciplinary approach to the study of health and health care. It seeks to develop future decision-makers and leaders who will navigate the complexities of the health care system with competence and compassion.

HPM faculty bring an interdisciplinary perspective to the study of health and health care; program faculty have graduate training in the history of medicine, medical anthropology, health politics and policy, and medical sociology. Our faculty are actively engaged in scholarly and applied research in their respective fields. All HPM majors are assigned a full-time faculty member as an academic advisor.

The department's interdisciplinary perspective offers a unique training ground for those who will lead in the development of healthier communities through professional practice, research, and service. Our curriculum recognizes the need to balance theory with practice and provides for a structured field experience during the senior year. This required internship offers meaningful opportunities for students to link theory with practice, explore potential careers, and develop networking skills prior to graduation.

Health Policy and Management graduates work in many different areas both within and outside of the health care industry. In recent years our graduates have found employment in government, hospital administration, health insurance, health information technology, health law, health care financial management, human resources management, pharmaceutical sales and product development, public health, quality improvement, and research and teaching.

Required Courses

All students must complete 10 Health Policy and Management courses for a total of 30 credit hours. Courses from other departments at Providence College cannot be used to fulfill HPM major requirements. Students who have not completed the required courses prior to senior year may not be eligible to register for the program's required field experience seminar without the permission of the program director. All HPM majors must complete the following core courses in the major:

Requirements for the Major

HPM 101 - The American Health Care System 3 Credits

HPM 240 - The Epidemiology of Health and Disease 3 Credits

HPM 300 - Financial Management of Health Care Institutions 3 Credits

HPM 310 - Health Law 3 Credits

HPM 408 - Policy Analysis in the Health Sector 3 Credits

HPM 450 - Field Experience 3 Credits

HPM 480 - Senior Seminar in Health Policy and Management 3 Credits

Elective Courses

Health Policy and Management majors must also complete a minimum of three (3) electives within the major. Students define their area of interest/specialization through their choice of elective courses.

Field Experience

The program's required field experience is a capstone course taken during the senior year which couples work in the field (a minimum of 120 hours) with a seminar. During the course of their field placement, students will have many opportunities to learn from professionals working in health related fields. In the field, students will be expected to apply concepts and skills from their previous coursework to practical problems in their organization. The field experience is a required component of the Health Policy and Management major at Providence College and at other HPM programs around

the nation, for it offers students a unique opportunity to "test drive" a career. A successful internship will provide students with letters of reference, networking opportunities, and firsthand experience in the "real world" prior to graduation. Students may only take HPM 450 once.

Special Topics Research Seminars

The program offers a variety of special topics seminars (HPM 470 - Special Topics in Health Policy and Management) that reflect the program's desire to strengthen student research and writing skills. All sections of HPM 470 require students to write a significant original research paper and to analyze, rather than merely describe, health care issues through this assignment. Additional writing and/or oral presentations may also be required. HPM 470 is typically reserved for junior and senior majors. In recent years, seminars addressed comparative health policy, culture, health and illness, drugs and disease, gender and health, global health, health care in popular culture, heart disease, and medical sociology.

The Health Policy and Management program does not offer a minor.

Management

Bachelor of Science

The management curriculum develops students' analytical, critical, and strategic thinking skills to prepare them for local, national, and global leadership positions in a variety of organizations.

Students majoring in management develop competencies in a number of areas, including:

- Self-awareness
- Management skills, including those grounded in the liberal arts, required to thrive in 21st century organizations
- Leadership and teamwork
- Qualitative and quantitative reasoning
- Strategic thinking and innovation.

Management competencies and skills are developed through diverse instructional approaches, exposing students to current trends in management and leadership theory and practice and through experiential learning opportunities in real-world settings.

The management curriculum is complemented by the College's liberal arts foundation, enhancing students' ability to contribute to a business environment that is becoming increasingly global. Leading and motivating people, making ethical decisions, solving business problems, and working in global, competitive, and dynamic environments are challenges for which we prepare our management majors.

The Department of Management offers core courses that develop students' foundational skills, ones they will need to meet these challenges. The management curriculum also provides the flexibility of electives in areas such as leadership, innovation, and entrepreneurship, which allow students to deepen their knowledge and skills in more specific areas of interest.

The department also offers its majors a number of valuable educational opportunities both inside and outside of the classroom. These include:

- Participating in a management internship in a specific field of interest. Such an internship may be incorporated into a practicum in which student interns share their experience with each other as well as meet with business professionals from various companies;
- Complementing an interest in international business with foreign language study and a semester or year abroad;

- Examining current management issues such as globalization and workplace diversity in core and elective courses;
- Participating in a variety of student clubs and guest speaker forums related to management topics;
- Designing and completing an independent study project in the senior year;
- Benefiting personally from the department's active relationship with the College's career placement center;
- Connecting with a growing valuable alumni network as well as with upper-class management majors as a complement to the department's advising process.

PCSB Major Requirements and Policies

All students majoring in business need to follow PCSB requirements. Major requirements may vary. Students should consult with their faculty advisor and the Academic Guidebook to review the Academic Planning Form pertinent to their program of study. In addition, students should review course descriptions regarding any prerequisites for required courses. Graduation requirements include a minimum of 120 credit hours, although some academic programs may require additional credits. Please refer to the Academic Resources section of the catalog for more information. Information regarding the Core Curriculum is available within each course and online. Additional requirement and policy information can be found on the School of Business website.

Required Courses

ACC 110 - Computer Applications in Business I 1 Credit

AND

ACC 111 - Computer Applications in Business II 1 Credit

OR

ACC 113 - Data Applications in Business 2 Credits

ACC 203 - Financial Accounting 3 Credits

ACC 204 - Managerial Accounting 3 Credits

FIN 207 - Managerial Finance I 3 Credits

FIN 217 - Statistical Analysis for Business Decisions I 3 Credits *

FIN 310 - Operations Management 4 Credits

MGT 101 - Principles of Business Management 3 Credits

MGT 301 - Organizational Behavior 3 Credits

MGT 320 - Human Resource Management 3 Credits

MGT 330 - Legal Environment for Business I 3 Credits

MGT 401 - Organizational Theory 3 Credits

MGT 489 - Capstone Seminar in Strategy 3 Credits

MGT Electives (2) (MGT 450 - Internship is encouraged)

MKT 205 - Principles of Marketing 3 Credits

*MTH 217- Introduction to Statistics can be substituted for FIN 217 for all majors. Higher level Statistics may be substituted with permission from PCSB.

Marketing

Bachelor of Science

Marketing costs absorb about half of each buyer's dollar, with its activities being performed in both business and nonprofit organizations, and on both a domestic and international stage. Marketing activities help businesses generate profits and help fuel the global economy. New technology has dramatically expanded marketers' ability to connect with customers, and socially responsible marketing can promote the welfare of consumers and society.

Marketing involves an examination of the exchange processes by which consumers and organizations satisfy their wants and needs. Thus it requires an understanding of consumer behavior, motivation of sales personnel, the impact of advertising and promotion on potential consumers, cultural differences in the global marketplace, market research techniques, and the role of marketing on the Internet.

Success in marketing requires both quantitative and qualitative skills. Our program is designed to develop these skills through a broad-based business curriculum coupled with a functional knowledge of marketing. Our small class sizes offer students opportunities to interact regularly with faculty. Many classes have team projects, which develop interpersonal and leadership skills. Effective oral and written communications are stressed throughout the program. Furthermore, excellent career opportunities are available to students through our marketing internship program.

The marketing program helps students become familiar with the marketing process and with the theoretical concepts, tools, and skills necessary to successfully enter and advance in the global marketing arena.

The Department of Marketing also offers a Marketing Fellows program as a plan of study. Students who are invited to participate will complete the required courses in Marketing with a cohort of highly qualified fellows, which will likely improve their candidacy for internships and entry-level positions in their chosen careers.

PCSB Major Requirements and Policies

All students majoring in business need to follow PCSB requirements. Major requirements may vary. Students should consult with their faculty advisor and the Academic Guidebook to review the Academic Planning Form pertinent to their program of study. In addition, students should review course descriptions regarding any prerequisites for required courses. Graduation requirements include a minimum of 120 credit hours, although some academic programs may require additional credits. Please refer to the Academic Resources section of the catalog for more information. Information regarding the Core Curriculum is available within each course and online. Additional requirement and policy information can be found on the School of Business website.

Required Courses

ACC 110 - Computer Applications in Business I 1 Credit AND

ACC 111 - Computer Applications in Business II 1 Credit

OR

ACC 113 - Data Applications in Business 2 Credits

ACC 203 - Financial Accounting 3 Credits

ACC 204 - Managerial Accounting 3 Credits

FIN 207 - Managerial Finance I 3 Credits

FIN 217 - Statistical Analysis for Business Decisions I 3 Credits *

FIN 310 - Operations Management 4 Credits

MGT 301 - Organizational Behavior 3 Credits

MGT 330 - Legal Environment for Business I 3 Credits

MKT 205 - Principles of Marketing 3 Credits

MKT 335 - Buyer Behavior 3 Credits

MKT 336 - Promotional Strategy 3 Credits

MKT 426 - International Marketing 3 Credits

MKT 434 - Marketing Research 3 Credits

MKT 480 - Marketing Capstone 3 Credits

(2) Marketing Electives

*MTH 217- Introduction to Statistics can be substituted for FIN 217 for all majors. Higher level Statistics may be substituted with permission from PCSB.

Additional Information/Recommendations

Prerequisites

Many courses in the curriculum have prerequisites. Students who do not complete the necessary prerequisites in time may not be able to take some critical courses in the program. In the worst case, this may lead to the student not graduating with a marketing degree. Students are responsible for knowing and completing the prerequisites. Importantly, students must complete MGT 301 prior to their senior year.

Electives

Many courses offered by various departments will complement the marketing curriculum. Consider taking a course in behavioral science, such as sociology or psychology. A reasonable fluency in a foreign language may help the student in his/her marketing career in our global world. Students who are interested in taking language courses should consult the language department. Students should discuss their electives with their advisor in greater detail. Many students use their electives to study abroad or to obtain a minor in another field.

Minor

Accountancy

Minor

Students entering in the minor must have a GPA of at least 2.0.

Required Courses

ACC 110 - Computer Applications in Business I 1 Credit

AND

ACC 111 - Computer Applications in Business II 1 Credit

OR

ACC 113 - Data Applications in Business 2 Credits

ACC 203 - Financial Accounting 3 Credits

ACC 204 - Managerial Accounting 3 Credits

ACC 310 - Intermediate Accounting I 4 Credits

ACC 311 - Intermediate Accounting II 4 Credits

ACC 301 - Cost Accounting 3 Credits

ACC 406 - Taxes and Business Decisions 3 Credits

An elective in accounting numbered 300 or higher.

Applied Physics

Minor

Required Courses

EPS 101 - General Physics I 4 Credits

EPS 102 - General Physics II 4 Credits

EPS 201 - Introductory Modern Physics 4 Credits

Two additional non-research courses at 200 level or higher

Art History

Minor

Required Courses

Art history minors complete a minimum of 18 semester hours of credit (6 departmental courses), including:

1. Art History Survey

ARH 106 - Art History Survey 3 Credits

2. One introductory studio art course from the following:

- ART 101 - Visual Design I: 2D 3 Credits
- ART 102 - Visual Design II: 3D 3 Credits
- ART 111 - Drawing I 3 Credits
- ART 121 - Sculpture I 3 Credits

- ART 131 - Painting I 3 Credits
- ART 141 - Monotype 3 Credits
- ART 151 - Ceramics I 3 Credits
- ART 171 - Introduction to Photography: Darkroom Practice and Concept 3 Credits
- ART 242 - Digital Imaging: Etching 3 Credits
- ART 243 - Digital Imaging: Screenprinting 3 Credits
- ART 246 - Digital Imaging: Type/Design/Art 3 Credits

3. At least four additional courses in art history.

A basic minor must consist of one course in each of the following areas: ancient art, medieval art, Renaissance art, and modern or contemporary art.

Notes

Any variation on the basic program should be worked out with the assigned art history advisor.

Asian Studies

Minor

Eighteen (18) credit hours (six courses, of which at least one must be at the 300 or 400 level) are required for the Asian Studies minor.

The following distribution is suggested:

3 credits in Asian humanities (ARH, ART, HIS, PHL)

3 credits in the social sciences of Asia (ECN, GST, PSC, SOC)

12 credits drawn from any combination of courses approved by the program

**Students may count no more than four courses per department toward the Asian Studies minor.*

Because Asian Studies tends to be interdisciplinary by nature, courses in the program are listed separately under departments. Course offerings can be expanded through the use of special topics within relevant departments, at the discretion of the instructor. It is recommended that interested students declare the minor before the end of their sophomore year.

Students will be strongly encouraged, but not required, to study an Asian language (such as Chinese, Japanese, or Korean), credit for which may be transferred in from other institutions or schools of continuing education. The credits will be counted toward the minor, but only for a maximum of twelve (12) of eighteen total credits. Students may also count independent studies in Asian languages toward the minor.

Experience studying in Asia is vital to developing a deeper understanding of the region, and can serve as a vital chance for students to put their learning into practice. Consequently, students are strongly encouraged to consider pursuing an Asia-related study abroad program.

The advisor of the Asian Studies Program will be responsible for verifying student compliance with the requirements of the minor.

Approved Courses

Art History

ARH 104 - Asian Art 3 Credits

ARH 470 - Advanced Special Topics in Art History 3 Credits *

Asian Studies

AST 200 - Japanese Pop Culture as Postwar History 3 Credits

Chinese

CHN 101 - Elementary Chinese 3 Credits

CHN 102 - Elementary Chinese II 3 Credits

CHN 103 - Intermediate Chinese I 3 Credits

CHN 104 - Intermediate Chinese II 3 Credits

Economics

ECN 335 - The Economics of Developing Nations 3 Credits *

ECN 485 - Seminar in Contemporary Economic Issues 3 Credits

English

ENG 201 - Readings in Literature 3 Credits *

History

HIS 298 - East Asian History I 3 Credits

HIS 299 - East Asian History II 3 Credits

HIS 368 - Modern Japan 3 Credits

HIS 369 - Modern China 3 Credits

HIS 481 - Seminar 3 Credits *

HIS 482 - Seminar 3 Credits *

HIS 488 - Warriors in Japanese History 3 Credits

Philosophy

PHL 325 - Asian Philosophy 3 Credits

Political Science

PSC 320 - Comparative Asian Government and Politics 3 Credits

PSC 321 - Chinese Politics 3 Credits

PSC 325 - Comparative Revolutions 3 Credits

Sociology

SOC 418 - Globalization and Social Justice 3 Credits *

Studio Art

ART 470 - Special Topics in Studio Art 3 Credits *

ART 490 - Independent Study 3 Credits *

* These courses may be designated as satisfying minor requirements if (A) they spend significant class time (50% or more) on Asia-related topics and (B) if students do a major project or paper on an Asia-related topic (if applicable).

Black Studies

Minor

To complete the minor in black studies, students take one required course, BLS 101 - Introduction to Black Studies, and select an additional five courses from among program and departmental electives. Each student is required to complete one elective from each thematic track. The remaining two electives allow for and promote specialization within a particular track. It is possible that a single course might satisfy the requirement of one or more tracks. However, a course will only be counted as meeting the requirements of ONE thematic track. For students whose interests are not directly addressed in formal course offerings, the program also offers the opportunity for independent reading and research, at the student's initiative, and with the support of a faculty sponsor.

Required Course

BLS 101 - Introduction to Black Studies

Elective Courses

Students must take one course from each thematic track:

Thematic Area: Culture, Language, Literature and the Arts

- BLS 107 - The African-American Artist 3 Credits
- BLS 225 - The African World View 3 Credits
- BLS 227 - History of Jazz 3 Credits
- BLS 365 - Twentieth-Century African-American Literature 3 Credits

Thematic Area: Historical Inquiry

- BLS 304 - Social Movements 3 Credits
- BLS 425 - African-American Women 3 Credits
- BLS 344 - History of Africa Since 1850 3 Credits

Thematic Area: Social & Structural Analysis

- BLS 230 - Faith and Spirit in the Black Family and Community 3 Credits
- BLS 303 - Urban Politics in the United States 3 Credits
- BLS 304 - Social Movements 3 Credits
- BLS 305 - Race and Racism 3 Credits
- BLS 307 - Urban Sociology 3 Credits
- BLS 413 - The Power of Whiteness 3 Credits
- BLS 323 - Contemporary Social Problems 3 Credits
- BLS 425 - African-American Women 3 Credits
- BLS 416 - Race and Politics in the Americas 3 Credits

Special Topics Series:

May meet requirements for one of the thematic tracks, depending on topic.

BLS 480 - Seminar in Black Studies 3 Credits

BLS 490 - Independent Reading in Black Studies 3 Credits

BLS 491 - Directed Research Project in Black Studies 3 Credits

Business and Innovation

The School of Arts and Sciences will offer a minor in Business and Innovation, effective with the class of 2020. Students will be required to take three (3) foundational courses which will introduce them to core concepts and practices in business and innovation, along with the essential tools for writing a business plan, with interdisciplinary courses offered through the departments of Accounting, Computer Science, and Art/Art History; a three (3) course concentration track which enables to build depth in an area related to business and innovation in one of four tracks: Organizations and Entrepreneurs, Global Engagement, Applied Science, or Design Thinking; one (1) business policy and analysis capstone course which requires them to complete a business plan in their area of focus; and demonstrate competency in Excel through certification.

The BI minor is only available to students in the Schools of Arts and Sciences and Professional Studies. Business School majors are NOT eligible for the minor.

Required Foundational Courses

Foundational courses will introduce students to the core concepts of practices of business and innovation. Tools for creating a business plan (a requirement of the Capstone) will also be introduced in each of the courses.

ACC 103 - Introduction to Accounting and Finance

CSC 120 - Applied Data Analytics

ART 205 - Design Thinking & Innovative Problem Solving

Required Business Capstone Course

Initially, it is expected that all BI students will be in a single Capstone course. Sections by track area may be developed as the size of the program allows for multiple sections.

BSP 440 - Business Policy and Decision-Making Analysis (to be re-designated as BUS 440 at the close of the Business Studies Program)

This course is a senior-level capstone that covers the principles, methods, concepts and procedures for organizational decision-making from financial, entrepreneurship, strategic and leadership perspectives and must be taken as the final course in the BI Minor. Pre-requisites are five of the six other courses required to complete the BI Minor, including the three foundational courses. It may be taken simultaneously with one of the track concentration courses. Students write a "business plan" for an actual or hypothetical endeavor (examples are a start-up for-profit company or not-for-profit organization, a project within a large organization, political or legislative campaign or others) demonstrating excel competency and ability to apply foundational concepts in accounting, finance, design, and economic market analysis developed in the foundational courses. It is expected that this Capstone will directly build upon the depth of tracks (and eventually tracks may have separate Capstone sections). Track sponsors will provide mentorship on the projects that students intend to pursue in the Capstone.

Eligibility, Registering, Waivers, and Double-Counting

The Business and Innovation minor is only available to students in the Schools of Arts and Sciences and Professional Studies. Business School majors are NOT eligible for the minor. Students in the minor will be able to register for courses approved for the minor as part of the registration for students in the business school.

BI minors may waive out of ACC 103 if they have taken ACC 203 and FIN 207. BI minors may double count two of their major courses toward this minor if the major courses are listed as approved courses in one of the four BI tracks.

Concentration Tracks and Required Concentration Courses

Students build depth in Business and Innovation in tracks reflecting major-aligned disciplinary clusters. Being able to apply concepts from the required core courses into specialized courses within disciplines will enable students to develop track specific skills overlapping with business and design principles. Courses may be added or removed to those listed below as appropriate. Track sponsors will work with students within in track to facilitate advising and course options/availability.

Track One: Organizations and Entrepreneurs

The BI Organizations and Entrepreneurs track is designed to expose non-business majors to the core areas of business, providing them with a broad understanding of business theory, economics, practices, and applications. It combines a foundational education in business competencies like design thinking and financial principles with courses oriented toward building skills vital for working in a business environment. This track is also applicable to students interested in problem-solving in non-profit or government settings.

Curriculum: In addition to completing the foundational courses for BI, students may choose any three courses from the list below. Pre-requisites apply to some of the courses listed. Depending upon the rules of the Department hosting the students' major, students may double count 2 of these courses toward the BI minor and their major.

- ECN 101 - Principles of Economics: Micro
- ECN 102 - Principles of Economics: Macro
- ECN 320 - Labor Economics
- ECN 321 - Labor-Management Relations
- FIN 217 - Statistical Analysis for Business Decisions I
- MTH 217 - Introduction to Statistics
- FIN 325 - Entrepreneurial Finance
- HIS 364 - Panics and Depressions in US History, 1789
- HIS 366 - Corporations and Entrepreneurs in United States History
- HIS 367 - Marketing Campaigns in U.S. History, c.1850
- MGT 101 - Principles of Business Management
- MGT 370 - Special Topics in Management
- MKT 205 - Principles of Marketing
- PSC 211 - Public Administration
- PSC 318 - American Public Policy

Students in this track may substitute relevant special topics courses with permission of the program chair.

Track Two: Global Engagement

The global engagement track in the BI program is designed to give non-business majors a set of competencies related to the study of global business and innovation, including, an awareness of globalization and global issues, intermediate proficiency in a foreign language, and reflective practice on international experiences.

Curriculum: In addition to completing the foundational courses for BI, students are required to complete the following curricular elements listed below: 1) a globalization course, 2) a foreign language proficiency and 3) coursework at PC directly related to an international educational experience (or approved substitute for students unable to study abroad). Coursework in this track will be developed with the track advisor, including appropriate courses that directly connect with study abroad. Pre-requisites apply for some of these courses. Depending upon the rules of the Department hosting the students' major, students may double count 2 of these courses toward the BI minor and their major.

1. One Course on globalization from the list below:

- GST 101 - Introduction to Global Studies
- GST 370 - Special Topics in Globalization
- SOC 418 - Globalization and Social Justice
- PSC 207 - International Relations
- PSC 369 - International Law and Organization
- PSC 430 - International Political Economy
- PHL 337 - Philosophy and Globalization

2. Foreign Language Proficiency: Students must take the equivalent of two college courses at the introductory level, taking a foreign language at the 102 level or testing into foreign language at the 103 (Intermediate) Level.

3. One PC course connected to study abroad

GST 410 - Crossing Borders (post-study abroad course)

Area studies course connected to study abroad (e.g., HIS 424 Europe Since 1945 with study abroad in Europe; HIS 369 Modern China with study abroad in China; PSC 336 Latin American Politics or SPN 212 Hispanic Civilization with study abroad in Latin America; FRN 212 French Civilization with study abroad to France)

GST 371 - Topics in Global Service Learning (approved courses)

Maymester PC course with international travel (approved courses)

Track Three: Applied Science

This interdisciplinary track is designed for students interested in developing business skills with a focus on emerging technologies and innovation in STEM fields. The program combines foundational courses in business competencies and data analysis with STEM courses centered on project-based learning and problem solving with a real-world emphasis. There is considerable flexibility in the STEM courses so that students will be able to either specialize in depth in one area or develop breadth in multiple disciplines. Students are encouraged to engage in either a research or internship experience as part of their course work.

Curriculum: In addition to completing the foundational courses for BI, on a space-available basis, students may choose any three courses from the list below. Pre-requisites apply to some of the courses listed. Depending upon the rules of the Department hosting the students' major, students may double count 2 of these courses toward the BI minor and their major. (NS) is a non-major natural science course.

BIO courses (students may double count two of these courses in the Biology major):

- BIO 220 - An Introduction to Tropical Biology
- BIO 240 - Marine Biology
- BIO 395 - Research (upon approval)
- BIO 396 - Research (upon approval)
- BIO 401 - Ecology
- BIO 450 - Internship (upon approval)
- BIO 451 - Service Learning in Biology (upon approval)
- BIO 475 - Advanced Topics Seminar (upon approval)
- BIO 476 - Advanced Topics Seminar (upon approval)
- BIO 479 - Advanced Topics Seminar (upon approval)
- BIO 495 - Research (upon approval)
- BIO 496 - Research (upon approval)

CHM courses:

- CHM 105 - Contemporary Chemistry: Environmental Matters
- CHM 106 - Billion Dollar Molecules: Chemistry in Life, Drugs, and Medicine
- CHM 108 - You Are What You Eat: The Molecular Reasons Behind Good Nutrition
- CHM 310L - Biochemistry Laboratory
- CHM 395 - Research (upon approval)
- CHM 396 - Research (upon approval)
- CHM 452 - Nutritional Biochemistry
- CHM 470 - Special Topics in Biochemistry
- CHM 495 - Research (upon approval)
- CHM 496 - Research (upon approval)

EPS courses:

- EPS 222 - Elements of Systems Modeling
- EPS 303 - Systems Approach to Complex Problem Solving
- EPS 495 - Research (upon approval)
- EPS 496 - Research (upon approval)
- Maymester courses upon approval

MTH courses:

- MTH 218 - Biostatistics (BIO majors only)
- MTH 304 - Ordinary Differential Equations
- MTH 307 - Combinatorics
- MTH 318 - Topics in Applied Mathematics
- MTH 325 - Probability Theory and Mathematical Statistics I
- MTH 326 - Probability Theory and Mathematical Statistics II
- MTH 331 - Graph Theory
- MTH 390 - Independent Study in Mathematics (with permission)
- MTH 391 - Independent Study in Mathematics (with permission)
- MTH 490 - Independent Study in Mathematics (with permission)
- MTH 491 - Independent Study in Mathematics (with permission)

PSY courses:

- PSY 202 - Research Design & Statistical Analysis II
- PSY 317 - Social Psychology
- PSY 318 - Cultural Psychology
- PSY 321 - Industrial/Organizational Psychology
- Note: All PSY courses require PSY 100 pre-req.

Track Four: Design Thinking

The Design Thinking Track hones students' visual and creative skills, enabling them to make meaningful contributions to industry, commerce, and their global context. This track gives students the tools of visual analysis and creative problem solving, allowing them to navigate a world that has become increasingly inundated with visual media and data. The track combines introductory business skills, design, digital media, visual arts, computer graphics, and other electives that enable students to tap into the liberal arts and learn how to apply their skills in the business sector. For Computer Science majors there are several possible sub-tracks including App, Web and Data Warehousing Design.

Curriculum: In addition to completing the foundational courses for BI, on a space-available basis, students may choose any three courses from the list below. Pre-requisites apply to some of the courses listed. The three courses must draw from at least two different disciplines/departments and show progression of at least two different levels (from 100 to 400-level courses). Depending upon the rules of the Department hosting the students' major, students may double count 2 of these courses toward the BI minor and their major.

100-level courses:

- ART 101 - Visual Design I: 2D
- ART 102 - Visual Design II: 3D
- ART 108 - Introduction to Desktop Publishing
- ARH 106 - Art History Survey
- ARH 110 - Introduction to Museum Studies
- CSC 103 - Computer Science I
- TDF 105 - Stagecraft

200-level courses:

- ART 246 - Digital Imaging: Type/Design/Art
- ART 270 - Special Topics in Studio Art
- ART 273 - Introduction to Digital Photography: Digital Workflow and Concept
- EPS 222 - Elements of Systems Modeling
- TDF 210 - Introduction to Theatrical Design
- 300-level courses:
- ART 333 - Community Lens
- ART 370 - Special Topics in Studio Art
- ART 374 - Photography: Concept and Process
- ART 248 - Digital Imaging: Web Animation (or approved digital imaging course)
- BIO 330 - Comparative Biomechanics
- BIO 378 - Biological Imaging
- CSC 371 - Special Topics in Computer Science (such as Web Application Programming, Mobile Application Programming, and/or Advanced Database Systems, etc.)
- CSC 424 - Database Management Systems

- CSC 433 - Computer Networks
- TDF 328 - Film/Video Production
- Two advanced Computer Science Courses (300-level or higher) by approval

400-level courses:

- BIO 475 - Advanced Topics Seminar (approved topics)
- BIO 476 - Advanced Topics Seminar (approved topics)
- BIO 479 - Advanced Topics Seminar (approved topics)
- CSC 433 - Computer Networks

Classics

Minor

At least six courses (totaling at least 18 credit hours).

Four courses must be in ancient Greek (GRK) and/or Latin (LAT)

Two classes are electives chosen from the list of approved courses offered by the History Department (Classics, History, Greek, and Latin), although students may choose to substitute one of these electives with an approved course from an affiliated department.

Should a student pursue a Classics minor as well as a History minor, only one history course is permitted to be counted towards both minors.

Acceptable courses within the history department include:

- CLA 201 - Classics in Translation (topics vary)
- CLA 202 - Classics in Translation (topics vary)
- CLA 210 - Classical Rhetoric
- CLA 427 - Classical America
- CLA 490 - Independent Study (used for advanced language study)
- CLA 491 - Independent Study (used for advanced language study)
- GRK 101 - Elementary Greek
- GRK 102 - Elementary Greek
- GRK 201 - Intermediate Ancient Greek
- GRK 202 - Intermediate Ancient Greek
- GRK 301 - Advanced Greek I
- GRK 302 - Advanced Greek II
- HIS 280 - Ethnicity in the Ancient World
- HIS 337 - The Ancient Greek World
- HIS 338 - The Roman Republic and Empire
- HIS 339 - Ancient Egypt
- HIS 360 - Greek and Roman Warfare
- HIS 481 - Seminar (only on subjects relevant to the Classical world)
- HIS 482 - Seminar (only on subjects relevant to the Classical world)
- LAT 101 - Elementary Latin
- LAT 102 - Elementary Latin
- LAT 201 - Intermediate Latin
- LAT 202 - Intermediate Latin
- LAT 301 - Advanced Latin I

- LAT 302 - Advanced Latin II

Approved courses from other departments (select up to one):

- ARH 200 - Art of the Ancient Classical World (Crete, Greece, and Rome)
- ARH 470 - Advanced Special Topics in Art History
- PHL 206 - The Wisdom of Socrates
- PHL 300 - Ancient Philosophy
- THL 330 - Early Christian Doctrines

Computer Science: Business Programming

Minor

Required Courses

MTH 117 - Discrete Mathematics 3 Credits

OR

MTH 290 - Foundations of Higher Mathematics 3 Credits

CSC 103 - Computer Science I 4 Credits

CSC 104 - Computer Science II 4 Credits

CSC 225 - Discrete Data Structures 4 Credits

CSC 424 - Database Management Systems 3 Credits

CSC 433 - Computer Networks 3 Credits

Computer Science: Technical

Minor

Required Courses

MTH 117 - Discrete Mathematics 3 Credits

OR

MTH 290 - Foundations of Higher Mathematics 3 Credits

CSC 103 - Computer Science I 4 Credits

CSC 104 - Computer Science II 4 Credits

CSC 225 - Discrete Data Structures 4 Credits

CSC 387 - Computer Architecture 4 Credits

CSC 445 - Operating Systems 3 Credits

Dance

Minor

Required Courses

1. TDF 212 - Modern Dance 3 Credits

OR

TDF 313 - Intermediate Modern Dance 3 Credits

2. TDF 315 - Dance Composition 3 Credits

3. TDF 319 - History of Dance 3 Credits

4. TDF 252 - Crew Experience 1/2 Credit *

5. Plus three electives in dance chosen in consultation with the student's advisor; one or more must be at the 300-level or above, for a total of six courses.

Opportunities for off-campus study are available during the junior and senior years. Six semesters of participation in the Providence College Dance Company (at 0.5 credits) may be accumulated to count as one 3-credit dance elective.

* Two crew experiences are required at 0.5 credits each.

Economics

Minor

Required Courses

ECN 101 - Principles of Economics: Micro 3 Credits

ECN 102 - Principles of Economics: Macro 3 Credits

One (or both) of the following:

ECN 201 - Microeconomic Analysis 3 Credits

ECN 202 - Macroeconomic Analysis 3 Credits

Any other (two) or three economics courses.

The total credit hours for the minor are 18 credits.

Effective with the Class of 2020

Required Courses:

ECN 101 - Principles of Economics: Micro

ECN 102 - Principles of Economics: Macro

ECN 201 - Microeconomic Analysis

ECN 202 - Macroeconomic Analysis

Any other two economics courses

The total credit hours for the minor are 18.

English

Minor

Required Courses

Eighteen hours/six courses from the following:

ENG 175 - Introduction to Literature 3 Credits

(2) Pre-1800 Courses 6 Credits

(2) Post-1800 Courses 6 Credits

(1) Course receiving major credit 3 Credits

Evolutionary Biology and Ecology

Minor

Provides a strong foundation in organismal and population biology and related disciplines. Strong hands-on component involving course work, laboratory experiences, and field studies. Six required courses, totaling 22-23 credits.

Required Courses

- BIO 103 - General Biology: Cells and Organisms 4 Credits
- BIO 104 - General Biology: Ecology and Evolution 4 Credits
- BIO 310 - Evolution 3 Credits
- BIO 401 - Ecology 4 Credits

Two Courses from the Following:

- BIO 201 - Comparative Anatomy 4 Credits
- BIO 210 - Field Botany 4 Credits
- BIO 220 - An Introduction to Tropical Biology 4 Credits
- BIO 225 - Symbiosis 3 Credits
- BIO 240 - Marine Biology 4 Credits
- BIO 330 - Comparative Biomechanics 4 Credits
- BIO 350 - Animal Behavior 4 Credits

Film/Video

Minor

Required Courses

1. Choose two of the following:

TDF 120 - History of Film: Early Hollywood 3 Credits

TDF 121 - History of Film: Classic Hollywood and Beyond 3 Credits

TDF 220 - The Catholic Imagination of Four American Filmmakers 3 Credits

TDF 226 - Analyzing Film 3 Credits

2. TDF 322 - Film Theory 3 Credits

3. TDF 328 - Film/Video Production 3 Credits

4. Plus two electives in film chosen in consultation with the student's advisor; one or more must be at the 300-level or above, for a total of six courses.

Finance

Minor

Required Courses

The minor in finance consists of the following required and elective courses and is subject to the approval of the finance department chair:

- ECN 101 - Principles of Economics: Micro 3 Credits
- ECN 102 - Principles of Economics: Macro 3 Credits
- ACC 203 - Financial Accounting 3 Credits
- FIN 207 - Managerial Finance I 3 Credits
- FIN 218 - Financial Markets and Institutions 3 Credits
- FIN 317 - Investments 3 Credits

Finance Elective to be selected from:

- FIN 211 - Personal Financial Planning 3 Credits
- FIN 308 - Managerial Finance II 3 Credits
- FIN 320 - Insurance and Risk Management 3 Credits
- FIN 325 - Entrepreneurial Finance 3 Credits
- FIN 417 - Fixed Income Securities 3 Credits
- FIN 419 - International Finance 3 Credits
- FIN 420 - Corporate Treasury Management 3 Credits
- FIN 440 - Options and Futures 3 Credits
- FIN 445 - Portfolio Management 3 Credits
- OR any other 400-level finance course except FIN 450 or FIN 490

Foreign Language Studies

Minor

A minor is fulfilled by the successful completion of 18 credits/semester hours of course work in the target language, in a progressive sequence beginning at a level determined by the department to be appropriate for each individual student.

An online placement test is required for incoming freshmen interested in pursuing the study of French, Italian, or Spanish and should be completed prior to Orientation.

History

Minor

A minor in history will require at least six courses for a total of 18 credit hours. A student wishing to minor in history must select courses as specified below in items 1, 2, and 3.

History minors with an Advanced Placement grade of "5" on the *A.P. U.S. and/or European History exam(s)* will be given a one-course reduction in the required courses for the specific area(s) and will be given flexibility in choosing the remaining required course in that particular area. For instance, a minor

with a grade of "5" in *U.S. History* would be required to take only one additional course in any area of U.S. History. A minor with a grade of "5" in *European History* would be required to take only one additional course in any area of European History.

History minors with an Advanced Placement grade of "5" on the *World History exam* will be given a one-course reduction in the number of required electives for the minor.

A limit of two A.P. scores of "5" will be recognized by the Department for reduction of the total number of courses in the minor.

History minors with an Advanced Placement grade of "4" on the *A.P. U.S. and/or European History exam(s)* will be given flexibility in choosing any two courses for U.S. and/or European History. For such students, the required number of History credits to be earned for the minor would remain at 18.

1. American History (2 Courses)

(1) Pre-1877 & (1) Post-1877

2. European History (2 Courses)

(1) Pre-1715 & (1) Post-1715

3. History Electives (2 Courses)

HIS 100 - Thinking and Writing about History & one (1) course in Non-Western History are encouraged, but not required

Pre-1877 Courses

- HIS 103 - U.S. History to 1877 3 Credits
- HIS 202 - American Military History 3 Credits
- HIS 207 - African-American History 1619 to Present 3 Credits
- HIS 214 - North American Religious History 3 Credits
- HIS 215 - The Diversity of Latin American Religious History 3 Credits
- HIS 240 - Native American History to 1815 3 Credits
- HIS 255 - Colonial North America: From Contact to Constitution (to 1789) 3 Credits
- HIS 256 - Creating a Nation from Founding to Civil War (1789-1877) 3 Credits
- HIS 316 - The Civil War and Reconstruction 3 Credits
- HIS 346 - Slavery in the United States, 1619-1865 3 Credits
- HIS 366 - Corporations and Entrepreneurs in United States History 3 Credits
- HIS 415 - History of Presidential Elections I 3 Credits
- HIS 486 - Seminar: The West in the American Imagination 3 Credits

Post-1877 Courses

- HIS 104 - U.S. History Since 1877 3 Credits
- HIS 202 - American Military History 3 Credits
- HIS 214 - North American Religious History 3 Credits
- HIS 218 - Multicultural United States: Racism, Ethnicity, and Immigration History in the Contemporary U.S. 3 Credits
- HIS 226 - Women and the Modern American Experience 3 Credits
- HIS 231 - Modern Latin American History 3 Credits
- HIS 241 - Native American History since 1815 3 Credits

- HIS 257 - Redefining the United States at Home and Abroad (1877-1939) 3 Credits
- HIS 258 - The American Century (1939-Present) 3 Credits
- HIS 317 - America in the Gilded Age, 1877-1897 3 Credits
- HIS 366 - Corporations and Entrepreneurs in United States History 3 Credits
- HIS 416 - History of Presidential Elections II 3 Credits
- HIS 486 - Seminar: The West in the American Imagination 3 Credits

Latin American and Latina/o Studies (LALS)

Minor

The Minor requires 18 credit hours distributed in the following manner:

1. Five courses (3 credits each) for a total of 15 credit hours in two or more of the following areas: Anthropology, English, Foreign Language Studies, Global Studies, History, Political Science, Secondary Education, Sociology, Spanish, and/or Theology;
2. One senior capstone course (3 credits) from the following two options: LAS 480 - Senior Capstone Seminar or LAS 481 - Senior Capstone Project.
3. Students will also pursue one of two Tracks in LALS.

Track 1 - Latin American Studies focuses primarily on the region of Latin America and the Caribbean through demographic, cultural, linguistic, political, literary, sociological, historical, anthropological, theological, religious, economic, philosophical, artistic, ecological, and other related study. This track has a language requirement, which is normally fulfilled by taking at least two SPN courses (SPN 212 or higher).

Track 2 - Latina/o Studies focuses primarily on those of Latina/o descent in the U.S. by its demographic, cultural, linguistic, political, literary, sociological, anthropological, historical, theological, religious, economic, philosophical, artistic, ecological, and other related study. This track has no language requirement, although such study is encouraged.

Required Courses

Courses to meet the requirements for a Minor concentration in Latin American and Latina/o Studies (LALS) are normally taken from the following list. Under special circumstances, the LALS director may authorize an appropriate substitute course, such as a Tutorial or Special Topics course.

- APG 321 - Latin America: Mexico and Central America 3 Credits
- APG 322 - Latin America: South America 3 Credits
- EDU 470 - Selected Topics in Education 3 Credits
- EDU 471 - Selected Topics in Education 1-3 Credits
- ENG 241 - Introduction to Latinx Literature 3 Credits
- ENG 441 - Studies in Literature 3 Credits
- HIS 215 - The Diversity of Latin American Religious History 3 Credits
- HIS 230 - Early Latin American History 3 Credits
- HIS 231 - Modern Latin American History 3 Credits
- LAS 460 - Tutorial in Latin American Studies 1-4 Credits
- LAS 480 - Senior Capstone Seminar 3 Credits
- LAS 481 - Senior Capstone Project 3 Credits
- LAS 495 - Independent Study 1-3 Credits
- PSC 336 - Latin American Politics 3 Credits

- PSC 416 - Race and Politics in the Americas 3 Credits
- PSC 456 - Model Organization of American States 3 Credits
- PSC 470 - Special Topics in Political Science 3 Credits
- SOC 454 - Immigration 3 Credits
- SOC 355 - Comparative Race and Inequality 3 Credits
- SOC 470 - Selected Topics in Sociology 3 Credits
- SPN 212 - Hispanic Civilizations 3 Credits
- SPN 310 - Spanish Phonetics 3 Credits
- SPN 321 - Survey of Spanish Literature 3 Credits
- SPN 322 - Survey of Spanish-American Literature 3 Credits
- SPN 370 - Special Topics in Hispanic Studies 3 Credits
- SPN 401 - Spanish Literature of the Golden Age: The Renaissance 3 Credits
- SPN 402 - Spanish Literature of the Golden Age: 17th-Century Spain on the Stage 3 Credits
- SPN 406 - Contemporary Spanish Prose 3 Credits
- SPN 407 - 20th-Century Spanish Drama 3 Credits
- SPN 408 - Contemporary Spanish-American Novel 3 Credits
- SPN 417 - Spanish-American Literature 3 Credits
- SPN 418 - Spanish-American Novel 3 Credits
- SPN 450 - Internship in Hispanic Studies 3 Credits
- SPN 490 - Independent Study 3 Credits

Mathematics

Minor

Required Courses

MTH 109 - Calculus I OR MTH 131 - Calculus and Analytical Geometry I

MTH 110 - Calculus II OR MTH 132 - Calculus and Analytical Geometry II

MTH 290 - Foundations of Higher Mathematics

Three MTH courses numbered 200 or higher. At least one must be numbered 300 or higher.

Music

Minor

All students intending to declare a minor must do so during the second semester of the sophomore year, unless otherwise approved by the department chairperson.

Required Courses (11 credit hours)

MSC 201 - Theory I 3 Credits

MSC 201L - Theory I Lab 1 Credit

MSC 202 - Theory II 3 Credits

MSC 202L - Theory II Lab 1 Credit

MSC 210 - Music Appreciation 3 Credits

Selected Courses (6 credit hours)

3 credits (1 course) at the 300-400 level & 3 credits (1 course) at the 200, 300, or 400 level

MSC 224 - Women and Music 3 Credits

MSC 227 - History of Jazz 3 Credits

MSC 301 - Theory III 3 Credits

MSC 302 - Theory IV 3 Credits

MSC 303 - Composition 3 Credits

MSC 320 - Music in World Cultures 3 Credits

MSC 481 - Seminar in Music 3 Credits

Other Requirements for the Minor

Participation in an appropriate performance organization is expected of all music minors for a minimum of three semesters.

Private study of the same instrument or voice for a minimum of three semesters. There is an additional fee for these lessons. "Jury" will be expected each of these semesters.

It is recommended that music minors perform in student performance hours during semesters of private study of instrument or voice.

Philosophy

Minor

Required Courses

For the minor, 18 credits (six courses) of philosophy are required. Of the 18 credits (six courses), nine credits (three courses) must be at the 300-level or above.

PHL 101 - Logic OR PHL 315 - Symbolic Logic

Any five (5) electives in the department.

Political Science

Minor

Required Courses

PSC 101 - Politics 3 Credits

Any five courses chosen from departmental course offerings, of which, two must be at the 300 or 400 level.

Public and Community Service Studies

Minor

Required Courses

Students who wish to supplement their major with the systematic study and practice of public and community service may elect the minor in public and community service studies. As with the major,

the curriculum of the minor is guided by the mission and principles of the Feinstein Institute. The minor requires a total of six courses, 18 hours, distributed as follows:

- PSP 101 - Introduction to Service in Democratic Communities 3 Credits
- PSP 202 - Foundations of Organizational Service 3 Credits
- PSP 302 - Diversity, Community, and Service 3 Credits or Approved Substitute
- PSP 303 - Community Organizing 3 Credits
- PSP 480 - Capstone Seminar 3 Credits
- PSP Elective - Any 1 PSP designated course at or above the 300 level 3 Credits

Community Health Track

Students interested in public health — or in health professions or policy — may supplement their major with a minor in Public and Community Service Studies that concentrates in the area of community/public health. Requirements for this track within the minor are as follows:

- PSP 101 - Introduction to Service in Democratic Communities 3 Credits
- HPM 101 - The American Health Care System 3 Credits
- PSP 303 - Community Organizing 3 Credits
- PHL 309 - Biomedical Ethics 3 Credits
- PSP 491 - Independent Study: Community Health 3 Credits
- PSP 480 - Capstone Seminar 3 Credits

Sociology

Minor

Required Courses

SOC 101 - Introductory Sociology, 1 semester, 3 credits

SOC 209 - Social Research Methods, 1 semester, 3 credits

Four additional sociology courses selected on the basis of the student's interests and career plans after consultation with his/her faculty advisor. Students that minor in sociology are strongly encouraged to take SOC 480 - Senior Capstone Seminar as an elective.

Studio Art

Minor

A studio minor can be earned in one of the following areas: ceramics, digital imaging, drawing, painting, photography, printmaking, or sculpture. The minor requires 21 credit hours of study and must be declared by the end of the junior year. All studio minors participate in a group exhibition in the spring of their senior year.

Required Courses

1. Three foundation courses:

a. Design (one of the following)

ART 101 - Visual Design I: 2D 3 Credits

ART 102 - Visual Design II: 3D 3 Credits

b. Drawing

ART 111 - Drawing I 3 Credits

c. Art History Survey

ARH 106 - Art History Survey 3 Credits

2. One introductory studio elective from the following:

ART 121 - Sculpture I 3 Credits

ART 131 - Painting I 3 Credits

ART 141 - Monotype 3 Credits

ART 151 - Ceramics I 3 Credits

ART 171 - Introduction to Photography: Darkroom Practice and Concept 3 Credits

ART 242 - Digital Imaging: Etching 3 Credits

ART 243 - Digital Imaging: Screenprinting 3 Credits

ART 246 - Digital Imaging: Type/Design/Art 3 Credits

3. Three courses in one of the following concentrations: ceramics, digital imaging, drawing (ART 112 and above), painting, photography, printmaking, or sculpture.

Notes

Any variation on the basic program should be worked out with the assigned studio art advisor.

Systems Science

Minor

Required Courses

EPS 222 - Elements of Systems Modeling 1 Credit

EPS 303 - Systems Approach to Complex Problem Solving 3 Credits

Any three (3) credit course offered in computer programming (from approved list)

Any three (3) courses totaling nine (9) credits from those listed under Engineering-Physics-Systems

Theatre

Minor

Required Courses

1. TDF 108 - Script Analysis 3 Credits

2. TDF 202 - History of Theatre 3 Credits

3. TDF 109 - Introduction to Acting 3 Credits

OR

TDF 210 - Introduction to Theatrical Design 3 Credits

4. TDF 252 - Crew Experience 1/2 Credit *

5. Plus three electives in theatre chosen in consultation with the student's advisor; two or more must be the 300-level or above.

* Two crew experiences are required at 0.5 credits each.

Production Participation

Theatre minors are required to achieve a minimum of two crew experiences, both of which must be earned on a mainstage production. It is the responsibility of each student to accomplish the appropriate number of crew requirements regardless of when they matriculate as a major or minor. Admission into the minor requires a 2.0 GPA.

Theology

Minor

A minor in theology allows students in any major to pursue an interest in the study of theology through a structured program of six theology courses.

Required Courses

THL 200 - Foundations of Theology 3 Credits

OR

THL 240 - Theology of St. Thomas Aquinas 3 Credits

THL 210 - Biblical Theology 3 Credits

OR

THL 220 - New Testament: Literature & Theology 3 Credits

Three theology electives, one of which must be a 400-level course

THL 480 - Major Seminar 3 Credits

OR

THL 481 - Major Seminar 3 Credits

Women's Studies

Minor

Required Courses

To earn a minor in women's studies, a student is required to complete six courses in women's studies which must include:

- WMS 101 - Introduction to Women's Studies
- WMS 489 - Capstone Seminar: Issues in Women's Studies

• Four elective courses approved for women's studies credit of which no more than two may be in the humanities: WMS 224, WMS 225 , WMS 226 , WMS 320, WMS 425, WMS 326, WMS 369 , WMS 470 (special topics), WMS 490 (independent study); and no more than two may be in the natural and social sciences: WMS 227, WMS 225 , WMS 226 , WMS 301, WMS 305 , WMS 324, WMS 425, WMS 380, WMS 451, WMS 470 (selected topics), WMS 489, and WMS 490 (independent study). ENG 440-441 may be taken as electives.

Students should consult with the director of the Women's Studies Program.

Because women's studies is interdisciplinary, courses in the program are listed both under departments and under the WMS listing (except for WMS 101, 470, 489, and 490). The director of the Women's Studies Program will be responsible for verifying student compliance with the requirements of the minor.

Writing

Minor

Required Courses

a. Twelve hours/four courses from the following:

ENG 161 - Introduction to Journalism 3 Credits

ENG 175 - Introduction to Literature 3 Credits

ENG 204 - Literary Journalism 3 Credits

ENG 301 - Intermediate Writing 3 Credits

ENG 380 - Creative Writing in Fiction 3 Credits

ENG 381 - Creative Writing in Poetry 3 Credits

ENG 385 - Advanced Writing 3 Credits

TDF 405 - Principles of Playwriting 3 Credits

ART 108 - Introduction to Desktop Publishing 3 Credits

b. Six hours/two courses in English literature and language level 200 or above

Certificate

Business Studies Program

Certificate

The Business Studies Certificate will be phased out starting with the Class of 2020 and replaced by the Business and Innovation minor. The BI minor is only available to students in the Schools of Arts and Sciences and Professional Studies. Business School majors are NOT eligible for the minor.

Students not already formally enrolled in BSP from classes of 2019 and 2020 must be granted an exception by the Program Director. Please begin by submitting the exceptions form to the Interim Director.

The Requirements

ACC 203 - Financial Accounting 3 Credits

MTH 107 - Mathematics for Business Analysis I 3 Credits (or any higher-level math course)

ECN 101 - Principles of Economics: Micro 3 Credits

Human Relations elective (see below)

MKT 205 - Principles of Marketing 3 Credits

FIN 207 - Managerial Finance I 3 Credits

BSP 440 - Business Policy and Decision-Making Analysis 3 Credits (see below)

Capstone Seminar

Human Relations Elective

An introduction to the study of human relations that prevail in the business world. Elements such as group and organizational process, motivation, leadership, social control, and conflict will be studied.

Requirement fulfilled by one of the following:

HIS 366 - Corporations and Entrepreneurs in United States History 3 Credits

MGT 101 - Principles of Business Management 3 Credits

PSP 202 - Foundations of Organizational Service 3 Credits

PSY 317 - Social Psychology 3 Credits

* PSY 100 - Introduction to Psychology 3 Credits

AND

* SOC 101 - Introductory Sociology 3 Credits

**Note: SOC 101 must be taken along with PSY 100. This is a 6-credit substitution.*

Alternatives to BSP 440

HPM 420 - Strategic Management in Health Care 3 Credits

ECN 412 - Managerial Economics 3 Credits

Note:

Students are not eligible for this program until they are second semester Freshmen. (Students should enroll *as early in their academic careers as possible*. This will enable students to receive advising and also will assist in scheduling the appropriate number of courses so sections will be available.) Seniors are also not eligible.

Labor-Management Relations

Certificate

The Labor-Management Relations Program is an interdisciplinary program of study and is designed to complement the academic pursuits of a student who is enrolled in a formal concentration. As such, all Providence College students are eligible to participate.

The program consists of six required courses and three elective courses. These courses also may be used to satisfy College or departmental academic requirements. A "C" average is required for

successful completion of the program. A special notation on the College transcript will be made for those students who complete the program.

Required Courses

The following courses are required under the program:

MGT 101 - Principles of Business Management 3 Credits

FIN 310 - Operations Management 3 Credits

ECN 101 - Principles of Economics: Micro 3 Credits

OR

ECN 102 - Principles of Economics: Macro 3 Credits

ECN 321 - Labor-Management Relations 3 Credits

ECN 322 - Collective Bargaining 3 Credits

LBR 386 - Labor Law 3 Credits

MGT 101 and ECN 101 or 102 are recommended entry-level courses. These courses are especially suitable for freshmen and sophomores.

Three (3) Elective Courses

Elective courses may include offerings in business, economics, psychology, sociology, labor-management relations, and related fields as approved by the program director. Generally, courses must be taken in the undergraduate school. Labor-management relations courses may be taken in the School of Continuing Education or the summer school. Internships are available through the program and may be arranged with employers, labor unions, or government agencies.

Program Objectives

The objectives of the Labor-Management Relations Program include the following:

To gain an insight into the relationship that exists among workers, unions, and employers at the workplace;

To develop an appreciation of the unique contributions that labor and management make under the American enterprise system;

To gain an understanding of the complexity of labor-management problems and a facility for analyzing them; and

To further develop basic academic competencies through a systematic examination of labor-management relations issues.

Neuroscience Certificate Program

The goal of the certificate in neuroscience program is to offer biology and psychology majors the opportunity to participate in an integrated course of study, from the molecular level to gross brain anatomy, focusing on nervous system structures/functions and behavior. An important aspect of the program is engaging students in active, experiential learning in both biology and psychology laboratory settings to explore the frontiers of this modern field and prepare students for careers in neuroscience, biopsychology, and medicine.

The program is available to biology and psychology majors only. Students interested in applying to the program must take BIO 103 - General Biology: Cells and Organisms and BIO 104 - General Biology: Ecology and Evolution during their freshman year. The number of students who will be admitted will be

limited to 8 per year (4 from psychology and 4 from biology) and will be chosen by committee, comprised of faculty members from the biology and psychology departments. Students will apply to the program during the second semester of their freshman year by submitting a copy of their first semester grades and a statement of interest by the Tuesday after Presidents' Day. A first-semester minimum GPA of 3.0 will be required to apply to the program but second semester mid-term grades will also be considered in assessing an applicant's academic potential. A statement of interest will be no more than two pages in which applicants will be asked to state their reasons for wanting inclusion in the program, their career goals, their research interests, and how this integrated program will be of greater benefit to them in contrast to being a biology or psychology major alone. Written materials will be used to determine finalists for whom interviews may be conducted by two members of the committee representing each department. Evaluation of written materials (and interview if applicable) will determine final inclusion into the program by consensus of the committee. There will not be any specific criteria for students' continuation in the program other than their remaining in good standing within their respective departments and in the College.

On the last Friday of September, applications will also be accepted to the program for four additional openings to sophomore double-majors in biology and psychology. This may include unsuccessful freshman applicants or sophomore double-majors who become interested in the program through their coursework. Materials to be submitted will include freshman grades, sophomore fall courses, and a 1-2 page statement of interest as described earlier. Sophomore applicants, as with freshman applicants, will be chosen by members of the biology and psychology departments.

Students will be able to earn the certificate by taking the required courses, even if they have not formally applied to or been accepted into the program provided that there is sufficient space in the Neuroscience Capstone, which has a limit of 20 students. However, students who are enrolled in the program will be given preference for enrollment in the required classes, including being allowed to pre-register in psychology courses consistent with the benefit given to psychology majors currently.

A Certificate in Neuroscience will be granted to biology and psychology majors upon successful completion of the following courses:

For Biology majors:

Biology students must complete all requirements for the biology major, including BIO 360 - Neurobiology and **two** from the following:

- BIO 201 - Comparative Anatomy
- BIO 205 - Human Anatomy
- BIO 215 - Histology and Cytology
- BIO 308 - Modern Genetics
- BIO 310 - Evolution
- BIO 320 - Developmental Biology
- BIO 330 - Comparative Biomechanics
- BIO 350 - Animal Behavior
- BIO 405 - Physiology
- BIO 410 - Electron Microscopy

The following psychology courses are required:

- PSY 100 - Introduction to Psychology
- PSY 201 - Research Design & Statistical Analysis I
- PSY 202 - Research Design & Statistical Analysis II

One of the following three course sequences is required:

PSY 303 - Animal Learning and Cognition, PSY 324 - Psychology of Abnormal Behavior, AND PSY 402 - Research in Animal Learning and Cognition

PSY 303 - Animal Learning and Cognition OR PSY 324 - Psychology of Abnormal Behavior AND PSY 315 - Human Neuropsychology AND PSY 405 - Research in Neuropsychology

PSY 303 - Animal Learning and Cognition OR PSY 324 - Psychology of Abnormal Behavior AND PSY 326 - Biopsychology AND PSY 426 - Experimental Biopsychology

BIO 474 - Neuroscience Capstone during senior year.

For Psychology majors:

Psychology students must complete all requirements for the major, including at least **one** of the following: PSY 316 - Cognitive Psychology, PSY 325 - Health Psychology, or PSY 482 - Drugs and Behavior.

One of the following three course sequences is required:

PSY 303 - Animal Learning and Cognition, PSY 324 - Psychology of Abnormal Behavior, AND PSY 402 - Research in Animal Learning and Cognition

PSY 303 - Animal Learning and Cognition OR PSY 324 - Psychology of Abnormal Behavior AND PSY 315 - Human Neuropsychology AND PSY 405 - Research in Neuropsychology

PSY 303 - Animal Learning and Cognition OR PSY 324 - Psychology of Abnormal Behavior AND PSY 326 - Biopsychology AND PSY 426 - Experimental Biopsychology

The following biology courses are required:

BIO 103 - General Biology: Cells and Organisms

BIO 104 - General Biology: Ecology and Evolution

BIO 200 - Cell Biology and Molecular Genetics

BIO 360 - Neurobiology

Two additional biology courses from the following are required:

- BIO 201 - Comparative Anatomy
- BIO 205 - Human Anatomy
- BIO 215 - Histology and Cytology
- BIO 308 - Modern Genetics
- BIO 310 - Evolution
- BIO 320 - Developmental Biology
- BIO 330 - Comparative Biomechanics
- BIO 350 - Animal Behavior
- BIO 405 - Physiology
- BIO 410 - Electron Microscopy

PSY 474 - Neuroscience Capstone during senior year.

Public Administration Program

Certificate

The Public Administration Program is a special certificate program to assist students contemplating a career in government service. The required courses, from a variety of disciplines, introduce skills and

knowledge preparatory to graduate degree programs in public sector fields, such as the master in public administration (M.P.A.) or master in public policy (M.P.P.) degree.

While the program is open to all students, it has been designed especially to meet the needs of majors in the liberal arts and sciences, particularly those in the social sciences and humanities who may be concerned about the link between their academic major and a subsequent career. The program allows students to acquire public sector relevant skills and knowledge and an understanding of government service as a career option while they benefit from solid preparation in majors and minors in the liberal arts and sciences.

In addition to taking the required courses, program participants will be eligible to attend regularly scheduled extracurricular seminars and presentations about careers and graduate school opportunities in public administration. Students who complete all program requirements receive a Certificate in Public Administration at graduation, and program participation is noted on their transcript.

The Requirements

Public Administration Core

- PSC 211 - Public Administration 3 Credits
- PSC 318 - American Public Policy 3 Credits
- PSC 419 - Policy Analysis and Advocacy 3 Credits
- PSC 450 - Political Science Internship 3 Credits

Additional Courses

PSC 201 - American Government and Politics 3 Credits

ACC 203 - Financial Accounting 3 Credits

ECN 101 - Principles of Economics: Micro 3 Credits

OR

ECN 102 - Principles of Economics: Macro 3 Credits

PHL 301 - Ethics, Moral Leadership, and the Common Good 3 Credits

Liberal Arts Honors Program

Honors Certificate

Honors courses are taught by selected faculty members and Dominican Friars from many departments at the College.

The Liberal Arts Honors Program offers students of high academic ability and initiative a challenging, rigorous, and in-depth Providence College education. The program aspires to develop students as lifelong learners with a broad range of intellectual and professional interests. The program also strives to enrich the cultural and co-curricular experiences of students on and off campus. Students are required to take a minimum of six Honors courses: the four-course sequence of Honors Development of Western Civilization during the freshman and sophomore years, a Colloquium in the junior or senior

year, and a minimum of one additional Honors course. Most Honors courses fulfill core requirements, and thus students enjoy plenty of flexibility to pursue any major or double major at the College.

Honors courses require substantially more reading, more writing, and more seminar discussion-and thus students develop greater breadth of knowledge and greater aptitude for critical and creative thinking. Small seminar classes of 12-15 students allow for lively and informed discussions and plenty of interaction among students and faculty.

Honors grades are weighted, so that students earn an additional .17 grade points for each course (though an Honors A is the exception and does not earn more than 4.0). In order to graduate with an Honors Certificate, a student must earn a minimum cumulative grade point average of 3.25.

The Liberal Arts Honors Program fulfills the Core Focus requirement by virtue of completing all requirements for the program.

How to Qualify

Invitations to the Honors Program are extended from the Office of Admission based on the student's application to Providence College. Qualifying students are invited into the program on the basis of the rigor of their high school courses, class standing, recommendations, and sample essays. Students who are not invited as freshmen, however, can apply for admission into the Honors Program after one year of outstanding academic performance at the College.

Required Courses

HON 101 - Development of Western Civilization: Ancient Civilizations 5 Credits

HON 102 - Development of Western Civilization: Middle Ages and Renaissance 5 Credits

HON 201 - Development of Western Civilization: Emergence of the Modern Era 5 Credits

HON 202 - Development of Western Civilization: The West and the World 5 Credits

HON 480 - Honors Colloquium 3 Credits

OR

HON 481 - Honors Colloquium 3 Credits

A minimum of one additional Honors course

Note

Students who enter the Honors Program in the sophomore year can substitute any two Honors courses for HON 101-102.

4+1/M.B.A. Program

Contact Information

M.B.A. Program Office

Phone: 401.865.2294

URL: business.providence.edu/mba

E-mail: mba@providence.edu

Location: Ryan Center for Business Studies, Room 135A

The Program

The 4+1/M.B.A. Program is designed to allow undergraduate students to continue study for an additional year upon completion of the undergraduate degree and receive the Master of Business Administration degree. The program is available to all undergraduate students and those who are interested in the program should apply for admission during their junior undergraduate year. Admission is granted to those students who meet established M.B.A. graduate admissions criteria. Accounting majors interested in fulfilling a concentration in Accounting and planning to sit for the CPA should contact the MBA Program Office.

Criterion needed to apply to the program includes:

- an online application
- application fee
- resume
- personal statement
- official transcript(s) from all institutions attended
- submission of official GMAT score
- two forms of recommendation

Upon receipt of the application materials, the M.B.A. graduate admissions committee will review the student's application.

The MBA Program encourages students to apply during their junior year for acceptance into the 4+1 MBA Program. Students who apply during their junior year may be eligible to begin their MBA Program during their senior year, allowing for the completion of the Program in one year (post baccalaureate degree).

For additional information, including the application process, refer to the MBA Program website.

Upon acceptance, relevant prerequisites must be completed **before** enrolling in graduate business courses (unless specified by the program). The master of business administration degree requires the completion of 12 graduate courses, nine core courses and three elective courses.

4+1/M.B.A. students are required to complete an internship as part of the program and must do so the first semester of admittance.

Prerequisite Courses:

ACC 203 - Financial Accounting 3 Credits

ACC 204 - Managerial Accounting 3 Credits

MTH 108 - Mathematics for Business Analysis II 3 Credits

ECN 101 - Principles of Economics: Micro 3 Credits

ECN 102 - Principles of Economics: Macro 3 Credits

FIN 217 - Statistical Analysis for Business Decisions I 3 Credits **

FIN 207 - Managerial Finance I 3 Credits

FIN 308 - Managerial Finance II 3 Credits

MKT 205 - Principles of Marketing 3 Credits

**MTH 217- Introduction to Statistics or higher-level MTH Statistics can be substituted for FIN 217.

Graduate Core Courses:

MBA 603-Accounting and Decision Making in Organizations
MBA 626-Financial Management for Corporations
MBA 651-Marketing Management in Competitive Environments
MBA 676-Organizational Effectiveness through People and Teams
MBA 677-Professional Ethics and Responsibility OR MBA 611- Accounting Ethics
MBA 689-Managing Information Resources
MBA 690-Operations and Service Management
MBA 699-Real-Time/Real-World Experience: Business Internships*
MBA 700-Strategic Management in a Global Business Environment
(3) Electives

*Students must take MBA 699 during the first semester in the MBA Program.

Special Programs

Center for Global Education

Contact Information

Phone: 401.865.2114

URL: <http://www.providence.edu/international-studies>

E-mail: pcabroad@providence.edu

Location: Harkins Hall 215

Joseph F. Stanley, Ph.D., *Dean*

The Center

The Center for Global Education supports the mission of Providence College "as a community committed to academic excellence in pursuit of the truth, growth in virtue, and service of God and neighbor." To that end, the Center seeks to provide a welcoming learning and living environment whereby members of the PC community are exposed to a diversity of cultures, social and political viewpoints, and come to truly see and understand themselves as world citizens.

Study Abroad

The Center administers a comprehensive and academically integrated study abroad program, with over 300 program options for undergraduates. Students, faculty, and staff are invited to visit the Center or its website for information concerning study abroad program options. The development of program options for students is carefully designed to augment and enrich the liberal arts perspective of Providence College. Programs are assessed in terms of quality of educational experience, relevance to the students' academic interests, and potential for cultural enrichment. Faculty advisors and departmental chairpersons participate in the planning process and assist in advising students as to appropriate program choices.

Planning for Study Abroad

Student planning for study abroad should begin as early as the freshman year. Careful planning of the students' curriculum over their four years at Providence College will ensure that course work can be completed in the proper sequence and that course work and credits completed abroad will count towards the undergraduate degree. The Center provides assistance to students throughout the process, from informational sessions prior to departure to the processing and posting of academic credit upon completion of a semester, year, or summer abroad. For summer study abroad, the College also approves a wide range of programs. Students should contact the Center for information on available program options.

Application for Study Abroad

Applications for study abroad approval on a semester or year program must be made to the Center for Global Education by December 1 of the academic year prior to the intended year of study. Applications for summer study abroad are typically due in mid-March. Interested students should consult with Center staff in Harkins 215 for additional information regarding programs, applications, and deadlines. In all instances, final approval for study abroad must be granted by the dean of global education.

Home School Tuition and Portability of Student Financial Assistance

As part of Providence College's commitment to academic excellence and opportunity, study abroad is an integral component of the undergraduate academic curriculum. In order to make study abroad equally accessible and affordable for all students, regardless of financial means, the College follows a Home School Tuition policy. Students pay their normal PC tuition and a study abroad fee for the semester or academic year abroad. Students with financial aid receive both their merit and need-based aid for study abroad, as part of the home school tuition policy.

Academic Credit and Grades on Semester or Academic Year Study Abroad

Academic credits and grades earned on semester or year study abroad are recorded as PC course credits and grades. The courses, credits, and grades are posted on the student's academic transcript and course grades are calculated into the Cumulative Grade Point Average (CGPA).

PC in Rome: Center for Theology & Religious Studies

In partnership with CEA Study Abroad, the PC in Rome program offers a semester-long study abroad program for students to study theology and religion, along with Italian language (required), and elective courses in a variety of disciplines, many of which fulfill Core Curriculum requirements. Housed in the historic Prati neighborhood in the center of Rome, just a few minutes' walk from Vatican City and Piazza Cavour, the Center's academic program takes advantage of Rome's religious, historical, and cultural sites as an extension of the classroom itself. Students share apartment housing in the Prati neighborhood, which is easily accessible to the Center.

Theology courses offered include:

- [THL 363 - New Testament in the Eternal City](#) (required)
- [THL 360 - The History and Theology of the Papacy](#)
- [THL 358 - The Church and the Major World Religions](#)
- [THL 354 - Church in Today's World](#)

Military Science

Contact Information

Phone: 401.865.2471

Fax: 401.865.2908

Location: Alumni Hall LL115A

Faculty

Professor

Christopher W. Wingate, M.A. (Lieutenant Colonel), *Chairperson*

Assistant Professors

Daniel J. Girouard, M.B.A. (Captain)

Instructors

Peter J. Fiol, B.A. (Captain)

Gary P. Fortunato, B.A. (Sergeant Major, Retired)

John T. Ibarra (Master Sergeant)

Ronald E. Kinard, B.A. (Sergeant First Class) (P)

The Program

In a cooperative association between Providence College and the U.S. Army Cadet Command, Reserve Officer Training Corps (ROTC), military science is offered as part of the elective curriculum of the College. The curriculum is divided into two parts: the Basic Leadership Program (freshmen and sophomores) and the Advanced Leadership Program (juniors and seniors). Students may enroll in the Basic Leadership Program (100 or 200 course offerings) without any obligation to serve in the military. Those students who do commit and contract into the Advanced Leadership Program (300 and 400 course offerings) are on track to pursue a commission as an Army Second Lieutenant serving full-time in the Active Army or part-time in the Army Reserves or Army National Guard.

The goal of the Department of Military Science is to develop students into physically fit, professionally competent, self-directed leaders of character. This lofty goal is attained through individual dedication, instruction, and hands-on experience in leadership, management, and organizational dynamics in the small group environment. Today's leader is faced with a myriad of challenges and ever-changing situations. To prepare for these challenges, students receive classroom instruction concentrating on the various leadership and management techniques and ethical decision making. Most instruction concentrates on experiential learning. Students are placed in leadership positions and are expected to lead and motivate, solve problems, plan and execute tasks, prioritize resource allocation, conduct physical fitness training, and evaluate performance. This hands-on experience coupled with routine and candid personalized feedback is the foundation for successful leadership development in the business, academic, and military communities. This empirical educational experience culminates with a 30-day summer leadership practicum at Fort Knox, Kentucky (all expenses paid). Undertaken between the student's junior and senior years, this course evaluates the student's leadership development to date and sets the blueprint for continued development during the senior year, culminating in earning a commission as a U.S. Army Second Lieutenant. Students can expect to be challenged as they develop into effective and authentic leaders.

The military science curriculum is designed to augment the academic program of a student's election and consists of one 3.0 credit free-elective military science course each semester and one military history elective over the course of a student's undergraduate study. The purpose is to ensure a well-rounded student who is fully prepared to meet the rigors and challenges of a professional leader. Additionally, two semesters of a foreign language are strongly encouraged. These courses are available through the College's course offerings.

In connection with Military Science, there are a variety of programs that provide financial and increased leadership incentives to qualified and interested students:

1. There are a limited number of academic scholarships available to qualified freshmen and sophomores. These scholarships provide full tuition, \$1,200 per year for books and supplies, and a \$300-\$500 per school month stipend. To compete for these scholarships, students must enroll and participate in ROTC and elect to participate in the Contracting & Scholarship Board held each semester.
2. All students who selected to contract into the Advanced Leadership Program (juniors and seniors) receive a \$450-\$500 per school month stipend.

3. Simultaneous Membership Program (SMP): This is a dual leadership program that provides students with the benefit of increased leadership and management experience through a partnership with the Army Reserves or the Army National Guard.

Required Courses

- MIL 101 - Leadership and Personal Development with Lab 3 Credits
- MIL 102 - Introduction to Tactical Leadership with Lab 3 Credits
- MIL 201 - Foundations of Leadership I with Lab 3 Credits
- MIL 203 - Foundations of Leadership II with Lab 3 Credits
- MIL 301 - Adaptive Team Leadership with Lab 3 Credits
- MIL 302 - Applied Team Leadership with Lab 3 Credits
- MIL 401 - Adaptive Leadership with Lab 3 Credits

Premedical Sciences and Health Professions Programs

Contact Information

Phone: 401.865.1251

Fax: 401.865.1438

Location: Sowa Hall 235

The Faculty

Assistant Professor

Lynne M. Lawson, Ph.D., *Advisor for the Health Professions*

The Program

The Health Professions Advisory Program assists students in preprofessional preparation for careers in the medical sciences including medicine, dentistry, veterinary medicine, optometry, physician assistant, physical therapy, advance practice nursing, pharmacy, public health, and other health professions. Because each of the medical sciences professions requires specific preparation, students must work closely with the advisor for the health professions to plan a suitable program of study. This generally involves selection of an appropriate major, required courses, and internships and volunteer service opportunities in the health professions.

Admission to most health professions schools is extremely competitive, requiring strong academic performance, satisfactory scores on standardized admissions tests (e.g. MCAT, DAT, GRE, etc.), and evidence of leadership, service, and a working knowledge of the health professions.

Academic preparation for medical or dental school generally includes a minimum of two semesters each of general biology, general chemistry, organic chemistry, calculus, general physics, and English. In addition, many medical and dental schools strongly recommend or require biochemistry, advanced biology electives, and other specific courses.

While there is no "premed" major, most premedical sciences students complete a major in biology, chemistry or biochemistry. However, with careful planning, a student also may complete the premedical sciences course work in combination with a liberal arts major.

The Courses

Required for Medical and Dental School Admission

- BIO 103 - General Biology: Cells and Organisms 4 Credits
- BIO 104 - General Biology: Ecology and Evolution 4 Credits

- CHM 101 - General Chemistry I 4 Credits
- CHM 102 - General Chemistry II 4 Credits
- OR
- CHM 121 - Introductory Chemistry I 4 Credits
- CHM 122 - Introductory Chemistry II 4 Credits

- CHM 201 - Organic Chemistry 4 Credits
- CHM 202 - Organic Chemistry 4 Credits
- OR
- CHM 221 - Organic Chemistry I 4 Credits
- CHM 222 - Organic Chemistry II 4 Credits

- MTH 109 - Calculus I 3 Credits
- MTH 110 - Calculus II 3 Credits
- OR
- MTH 131 - Calculus and Analytical Geometry I 4 Credits
- MTH 132 - Calculus and Analytical Geometry II 4 Credits

- EPS 101 - General Physics I 4 Credits
- EPS 102 - General Physics II 4 Credits
- English 6 credits (DWC + 2 Intensive Writing Proficiency courses)

Recommended for Medical and Dental School Admission

- CHM 309 - Biochemistry I 3 Credits
- BIO 405 - Physiology 4 Credits
- BIO 407 - Microbiology 4 Credits

Other Advanced Electives

- BIO 215 - Histology and Cytology 4 Credits
- BIO 308 - Modern Genetics 4 Credits
- BIO 407 - Microbiology 4 Credits
- BIO 416 - Immunology 4 Credits
- MTH 217 - Introduction to Statistics 3 Credits
- MTH 218 - Biostatistics 3 Credits

Requirements for Other Health Professions

Providence College students also may successfully prepare for admission to other health professions schools such as veterinary medicine, optometry, advance practice nursing, physician assistant, physical therapy, pharmacy, public health, and others. Each has profession and school specific academic requirements which require careful planning during the undergraduate years. These students work closely with the advisor for the health professions to ensure that the appropriate prerequisites are completed prior to application to these professional schools.

Professional School Affiliations

For information about the professional school affiliations with Providence College, students should contact the advisor for the health professions.

Brown University Alpert Medical School Early Identification Program (EIP)

The Early Identification Program (EIP) is a cooperative venture between Alpert Medical School and Providence College. The program provides selected students a place in the medical school following the student's graduation. Invitations to apply for the EIP are made by the Providence College advisor for the health professions based on a student's undergraduate performance. Acceptances are offered by Alpert Medical School. Rhode Island residents currently enrolled in the junior year are eligible to be considered for the EIP. Rhode Island students who are interested should notify the advisor for the health professions prior to the beginning of their third semester at Providence College.

Once accepted to participate in the EIP, formal acceptance to the medical school is contingent upon satisfactory academic progress as evidenced by a grade point average of 3.0 or better, attainment of competence in the sciences basic to medicine, a senior-year recommendation from the advisor for the health professions, and documented verification of the student's complete academic record, including completion of requirements for the baccalaureate degree.

Combined Degree Program with New England College of Optometry

This program provides a unique educational opportunity for the highly motivated student with a professional goal in optometry. It allows for completion of the B.A. or B.S. degree in biology and the O.D. (doctor of optometry) degree in seven years rather than the usual eight.

The first three years at Providence College offer a blend of liberal arts, and basic and biological sciences, which will prepare the student for professional study. The four years at the New England College of Optometry (NECO) provide the coursework required to complete the Providence College baccalaureate degree in biology (see the sequence of courses listed under biology.), as well as the professional training required for the doctoral degree in optometry.

The combined program is designed for the academically outstanding student who has a strong and realistic motivation toward the optometric profession. Applicants must be superior students, especially in math and science, with acceptable SAT or ACT scores. Applicants may apply following the first semester at the College and will be interviewed by representatives of Providence College and The New England College of Optometry.

Simmons College School of Health Sciences Direct Entry Nursing Program

The affiliation provides preferred admission to the Simmons School of Health Sciences direct entry graduate nursing program for up to four qualified Providence College students annually. Eligibility for preferred admission includes completion of seven prerequisite courses (1 semester each of: General Chemistry, Organic Chemistry, Human Anatomy, Physiology, Microbiology, all with labs; Statistics, and Developmental Psychology/SWK 253: Human Behavior through the Lifespan.), a minimum cumulative GPA of 3.0, and a minimum prerequisite GPA of 3.3. Simmons will waive the application fee for eligible students who apply for preferred admission. Candidates who earn a 3.5 GPA in the prerequisites and overall will receive a merit scholarship.

Johnson and Wales University Center for Physician Assistant Studies Program

This affiliation provides preferred admission to up to six qualified Providence College students each year. Students must complete eleven prerequisite courses in all, ten of which must be completed by December of the year they apply. These courses are: Human Anatomy, Physiology, eight credits of General Chemistry and Organic Chemistry, eight credits of Biology, three credits of math, six credits of behavioral science, and six credits of English (satisfied through our core curriculum.) Eligible students must have a GPA of 3.30 or higher both overall and for prerequisite courses. In addition, students must meet additional requirements for admission into the program, including 250 hours of direct patient contact hours and PA shadowing hours. Qualified candidates who apply through the affiliation agreement are guaranteed an admissions interview.

Undeclared Advising Program

Peter Palumbo, M.A., Director of Academic Advising

Phone: 401.865.2177

Location: Harkins Hall 213

The Undeclared Advising Program at Providence College is a division of the Office of the Dean of Undergraduate and Graduate Studies. This program provides assistance to students who prefer to explore various academic options before committing to specific majors. The director for the Undeclared Advising Program is responsible for selecting and assisting faculty advisors who are prepared to advise undeclared freshmen and sophomores in their orientation to the College, course selection, exploration of academic goals and major program options, as well as the transition process into their declared majors.

The Undeclared Advising Program seeks to help students identify majors consistent with their academic strengths and goals and to foster their academic growth and development. While students are ultimately responsible for their own choices and for conducting their own major search processes, undeclared advisors are encouraged to guide them toward prudent exploratory course selections as they test various major options.

Meetings and workshops sponsored by the Undeclared Advising Program and the Career Education Center seek to help students recognize and develop their academic abilities, intellectual interests, and career aspirations to better enable them to make informed course selection and academic planning decisions. Normally, students are expected to declare a major by February of the sophomore year. Students may not enter their junior year without having declared a major.

Washington Semester Program

Contact Information

Phone: 401.865.2906

Location: Howley Hall 313

Faculty

Joseph P. Cammarano, Ph.D., *Program Director*

The Program

The Washington Semester Program combines academic study and experiential learning in a one-semester program spent at The American University in Washington, D.C.

The student chooses one of 10 areas of study: American politics, Islam and world affairs, foreign policy, global economics and business, international environment and development, international law and organizations, justice and law, journalism, peace and conflict resolution, and transforming communities. Each area is comprised of three parts: a two-course seminar that features academic professors and professional policymakers; a one-course research project; and practical work experience in a one-course, two-day-per-week internship. Internship opportunities are many and varied, and range from the Office of the Vice President of the United States to the director of the National Smithsonian Museums Network.

Admission to the program is available on a competitive basis to four Providence College students per academic year. A Providence College committee composed of faculty and administrators selects each year's participants. Application consists of a cover letter addressed to the committee expressing the reasons for interest in the program; a current transcript; a research proposal; and a completed Projected Studies Plan form that charts course work through the senior year.

Descriptions of the programs, as well as all forms and applications, may be obtained from the Office of the Dean of Undergraduate and Graduate Studies, the Career Education Center, and the Washington Semester Program faculty director. Interested students may also check the program Web site at www.washingtonsemester.com.

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Sandra Oliveira, B.A., *Executive Director*

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Michael T. O'Connor, Ph.D., *Director*

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Daniel R. Horne, Ph.D., *Associate Dean- Faculty Development*

Jacqueline Elcik, Ph.D., *Assistant Dean for Graduate Programs, Student Engagement, and Assessment*

School of Continuing Education

TBD, *Dean*

Madeleine A. Metzler, M.A., *Associate Dean/Director of Summer School*

Anne M. Nagle, M.A., *Assistant Dean*

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Jennifer E. Swanberg, Ph.D. *Dean*

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Kris A. Monahan, Ph.D., *Director*

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Michael H. Botelho, B.S., *Associate Vice President for Financial and Strategic Planning*

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Therese M. DelPonte, B.A., *Bursar*

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Mark F. Rapoza, B.A., *Assistant Vice President*

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Robert Ferreira, B.A., *Assistant Vice President*
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Steven R. Napolillo, B.A., *Assistant Vice President/Senior Associate Athletic Director for External Relations*
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Faculty directory information included in this catalog reflects graduate/terminal degrees and rank for all members of the College's Ordinary Faculty as verified by the Office of Academic Affairs to commence in Academic Year 2018-2019.

John E. Abbruzzese, *Associate Professor of Philosophy*, Ph.D., Brown University

Anthony D. Affigne, *Professor of Political Science*, M.P.A., University of Rhode Island; M.A., Ph.D., Brown University

Tuba I. Agartan, *Associate Professor of Health Policy and Management*, M.A., Bogazici University; Ph.D., SUNY at Binghamton

Sarah Alhouti, *Assistant Professor of Marketing*, Ph.D., University of Alabama

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Heather C. Allcock, *Assistant Professor of Elementary/Special Education*, Ph.D., University of Maryland

Emann Allebban, *Instructor of Philosophy*, Ph.D. candidate, McGill University

Nuria Alonso García, *Professor of Global Studies and Secondary Education*, M.A., Ph.D., Universidad de Educación a Distancia (U.N.E.D.) Madrid, Spain

Edward E. Andrews, *Associate Professor of History*, Ph.D., University of New Hampshire

Elisabeth Arévalo, *Associate Professor of Biology*, M.S., Universidad Nacional Autonoma de Mexico; Ph.D., Brigham Young University

Christopher Arroyo, *Professor of Philosophy*, Ph.D., Fordham University

Seth T. Ashman, *Associate Professor of Physics*, Ph.D., Lehigh University

Comfort M. Ateh, *Associate Professor of Education*, Ph.D., University of Wisconsin-Madison

Rev. Nicanor Austriaco, O.P., *Professor of Biology and Theology*, Ph.D., Massachusetts Institute of Technology

Nestor Azcona, *Assistant Professor of Economics*, Ph.D., New York University

David B. Baier, *Associate Professor of Biology*; Ph.D., Brown University

D. Russell Bailey, *Director of the Library, (Professor)*; Ph.D., Louisiana State University

James B. Bailey, *Assistant Professor of Economics*, Ph.D., Temple University

Maia F. Bailey, *Associate Professor of Biology*, Ph.D., Indiana University

James B. Baker, *Professor Emeritus of Art*; M.F.A., Rhode Island School of Design

Brian M. Barbour, *Professor Emeritus of English*; Ph.D., Kent State University

Rev. Albino Barrera, O.P., *Professor of Economics and Theology*; S.T.L., Dominican House of Studies, Washington; Ph.D., Yale University

Richard J. Barry, IV, *Assistant Professor of Theology*, Ph.D., Marquette University

Robert J. Barry, *Assistant Professor of Theology*, Ph.D., Boston College

Richard M. Battistoni, *Professor of Political Science and Public and Community Service Studies*; M.A., Ph.D., Rutgers University

Rev. Peter M. Batts, O.P., *Assistant Professor of Theology*, M.S., Columbia University School of Library Service; M. T.S., Harvard Divinity School; D. Th., St. Paul University (Ottawa); Ph.D., University of Ottawa, Canada

Alice H. R. H. Beckwith, *Professor Emerita of Art History*, Diploma di Profitto, University of Florence (Italy); M.A., Brown University; Ph.D., Johns Hopkins University

Mary L. Bellhouse, *Professor of Political Science*; M.A., Ph.D., State University of New York at Buffalo

Ruth Ben-Artzi, *Associate Professor of Political Science*; M.Phil., Ph.D., Columbia University

Eric D. Bennett, *Associate Professor of English*; Ph.D., Harvard University

Christopher M. Bloom, *Professor of Psychology*, M.S., Ph.D., St. Louis University

Douglas W. Blum, *Professor of Political Science*; M.A., Washington University, St. Louis; Ph.D., Columbia University

Stephanie Pocock Boeninger, *Associate Professor of English*; Ph.D., University of Notre Dame

William Bonney, *Associate Professor of Theology*, M.A., Ph.D., Fordham University

Lynette J. Boos, *Associate Professor of Mathematics*; Ph.D., Bowling Green State University

Theodore N. Bosack, *Professor Emeritus of Psychology*; Ph.D., Brown University

Eliane M. Boucher, *Assistant Professor of Psychology*, Ph.D., Queen's University

Joan R. Branham, *Professor of Art History*, M.A., Florida State University; Diplôme d'études francaises, University of Strasbourg, France; Ph.D., Emory University

John J. Breen III, *Professor of Chemistry*, Ph.D., Pennsylvania State University

Patrick H. Breen, *Associate Professor of History*, Ph.D., University of Georgia

Kendra R. Brewster, *Assistant Professor of Public and Community Service Studies*, Ph.D., Graduate Center, CUNY

Elizabeth A. Bridgham, *Associate Professor of English*; Ph.D., University of Virginia

Abigail T. Brooks, *Associate Professor of Sociology and Women's Studies*; Ph.D., Boston College

Giuseppe Butera, *Associate Professor of Philosophy*; Ph.D., The Catholic University of America

David M. Cabral, *Professor of Theatre*; M.F.A., Southern Methodist University

Helen M. Caldwell, *Assistant Professor of Marketing*; M.B.A., Boston College; Ph.D., University of Connecticut

James M. Calitri, *Associate Professor of Theatre*; M.F.A., Rhode Island College

Jane P. Callahan, *Professor Emerita of Education*; M.Ed., Our Lady of the Lake University; Ph.D., University of Idaho

Joseph P. Cammarano, *Associate Professor of Political Science and Public and Community Service Studies*; M.A., Ph.D., Rutgers University

Julia M. Camp, *Assistant Professor of Accountancy*; Ph.D., University of Kentucky

James D. Campbell, *Assistant Professor of Economics*; Ph.D., Brown University

Alison Caplan, *Associate Professor of Spanish*; M.A., Middlebury College; Ph.D., University of California, Santa Barbara

Salvatore Cappelletti, *Associate Professor of Italian*; M.A., University of Wisconsin; Ph.D., Brown University

Mark J. Caprio, *Commons Librarian, Head of Digital Publishing Services (Associate Professor)*; M.L.I.S., University of Rhode Island

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