

PROVIDENCE COLLEGE- 2016-2018 UNDERGRADUATE CATALOG

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Table of Contents

Introduction	4
Our Mission	4
A Message from the President	5
Academic Calendar 2016-2017	5
Catholic and Dominican	9
Notice of Non-Discrimination	10
Accreditation Statement	10
Schools and Divisions	11
Undergraduate Programs	11
School of Continuing Education.....	11
Summer School.....	11
Graduate Programs	11
The Campus and Facilities	12
National Alumni Association	14
Admission.....	15
Freshman Admission Requirements	15
Early Decision	16
Early Action.....	16
Regular Decision	17
Transfer Admission Requirements	17
Financial Information	23
Financial Aid and Scholarships	28
Student Life and Development.....	35
Academic Information.....	41
Enrollment Services.....	41
Academic Policies	47
Academic Resources.....	71
Degree Programs	78
Course Information.....	78
School of Arts & Sciences.....	80
American Studies.....	81
Anthropology.....	82
Art and Art History.....	83
Asian Studies	87

Biology	89
Black Studies	97
Chemistry and Biochemistry	99
Classics	105
Development of Western Civilization	106
Economics	107
Engineering-Physics-Systems	112
English.....	116
Foreign Language Studies	120
Global Studies.....	122
History and Classics	124
Humanities.....	131
Labor-Management Relations	132
Latin American Studies	133
Law	135
Liberal Arts.....	135
Liberal Arts Honors Program	136
Linguistics	137
Mathematics/Computer Science	137
Music	142
Natural Science.....	147
Neuroscience Certificate Program.....	147
Philosophy	149
Political Science	152
Psychology	154
Public Administration Program	156
Public and Community Service Studies	158
Social Science.....	161
Sociology.....	162
Theatre, Dance, and Film	164
Theology.....	169
Women's Studies	172
School of Business.....	173
Accountancy	175
Business Studies Program	178
Finance	179

Management	182
Marketing	184
4+1/M.B.A. Program	186
School of Professional Studies	188
Education: The Program	188
Elementary/Special Education	190
Secondary Education	191
Health Policy and Management	193
Social Work	195
Special Programs	198
Center for International Studies	198
Military Science	199
Premedical Sciences and Health Professions Programs	201
Undeclared Advising Program	203
Washington Semester Program	204
Course Descriptions	204
Directories	425
Corporation/Board of Trustees	425
Providence College Corporation	425
Providence College Board of Trustees	425
Administration	426
<i>Officers of the College</i>	426
Executive Offices	427
Academic Affairs	427
Finance and Business	429
General Counsel	430
Institutional Advancement	430
Mission and Ministry	431
Student Affairs	431
Correspondence Directory	432
Faculty	436

Introduction

The *Providence College Undergraduate Catalog* is a document of record issued in the summer of 2016 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: June 2016

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 2016-2017

Future calendars may be available; please click [here](#).

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 Catalogs, or contact the SCE office at 401.865.2487 or the Office of the Dean of Undergraduate and Graduate Studies at 401.865.2495.

August

29 - All Undergraduate, Graduate, and SCE courses begin; SCE Term 1 courses begin
31 - Academic Convocation

September

5 - Labor Day Holiday (Offices closed); All classes suspended
6 - All classes resume; Last day for online course schedule adjustments for undergraduates
7 - Administrative adjustment period begins for undergraduates
13 - Last day for dropping courses without a "WD" grade; Last day for election of audit option; Last day for adding courses without charge
14 - Late adjustment period begins for undergraduates

October

3 - Rosh Hashanah

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

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

12 - Yom Kippur

17 - SCE Term 1 courses end

18-19 - SCE Term 1 final examinations

19 - Mid-semester date for undergraduate courses; Last day for submission of coursework to instructor for "I" and "NM" grades for Spring 2016 and Summer 2016

24 - SCE Term 2 courses begin

26 - Last day for submission of mid-semester grades

November

1 - Solemnity of All Saints

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

11 - Course registration for Class of 2017 and December 2017 graduates

14 - Course registration for Class of 2018 and December 2018 graduates

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

18 - Course registration for Class of 2020

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

23-27 - Thanksgiving Recess (Offices closed); All classes suspended

28 - All classes resume

December

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

8 - Solemnity of the Immaculate Conception

9 - Undergraduate classes for fall semester end after last class

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

10-11 - Reading Days for undergraduates

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

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

14-15 - Fall semester examination period for Undergraduate, Graduate and SCE courses; SCE Term 2 final examinations

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

16 - Fall semester examination period for Undergraduates courses

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

25 - Christmas Day Holiday (Offices closed); Hanukkah

January

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

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

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

23 - Last day for online course schedule adjustments for undergraduates

24 - Administrative adjustment period begins for undergraduates

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

31 - Late adjustment period begins for undergraduates

February

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

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

March

1 - Ash Wednesday

4-12 - Spring Recess (All classes suspended)

13 - All classes resume

14 - SCE Term 3 courses end

15 - Mid-semester date for undergraduate courses; Last day for submission of coursework to instructor for "I" and "NM" grades for Fall 2016 and Winter 2017

15-16 - SCE Term 3 final examinations

20 - SCE Term 4 courses begin

22 - Last day for submission of mid-semester grades

31 - Course registration for December 2017 graduates

April

- 3 - Course registration for Class of 2018 and December 2018 graduates
- 4 - Last day for election of Pass/Fail option
- 5 - Course registration for Class of 2019 and December 2019 graduates
- 7 - Course registration for Class of 2020 and December 2020 graduates
- 8 - Admission Family Day
- 11 - Passover
- 13 - Holy Thursday (Easter Recess); All classes suspended
- 14 - Good Friday (Easter Recess); All classes suspended; Offices closed
- 15 - Easter Recess (All classes suspended)
- 16 - Easter Sunday
- 17 - Easter Recess (All classes suspended)
- 18 - All classes resume
- 19 - Monday class schedule to be followed for all courses
- 22 - Weather cancellation make-up-day (if necessary)
- 28 - Last day to withdraw from courses with "WD" grade, with permission of the Dean of Undergraduate and Graduate Studies

May

- 5 - Undergraduate classes for spring semester end after last class
- 6 - SCE and Graduate classes for spring semester end after last class
- 6-7 - Reading Days for undergraduates
- 8 - Spring semester examination period for DWC courses; Spring semester examination for Graduate and SCE courses
- 9 - Reading Day for undergraduates; Spring semester examination period for Graduate and SCE courses; SCE Term 4 courses end
- 10-11 - Spring semester examination period for Undergraduate, Graduate and SCE courses; SCE Term 4 final examinations
- 12 - Spring semester examination period for Undergraduate courses
- 13 - Spring semester examination period for Undergraduate, Graduate and SCE courses
- 19 - ROTC Commissioning
- 20 - Academic Awards Ceremony; Commencement Mass; Parents' Reception
- 21 - Commencement Dunkin' Donuts Center 11:00 AM

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.

Notice of Non-Discrimination

The Notice of Non-Discrimination is available under the Policies & Guidelines section of the Office of Legal Counsel website.

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 (opening Spring 2017), St. Catherine of Siena Hall, Smith Center for the Arts, Sowa Hall, and Sullivan Hall.

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 a large 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.

Ryan Center for Business Studies

The Arthur F. and Patricia Ryan Center for Business Studies (opening 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.

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. Most classrooms have wireless network access as well. 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, Koffler Hall, and the Ryan Center for Business Studies (opening Spring 2017).

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-Graggani 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 392,900 print volumes and 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 52,000 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, and the core of the College's *iHelp* integrated services group (Information Technology User Services and Academic Media Services).

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 125 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 in the lower-level TechHub, technology support in the TechStation, 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. The library accommodates approximately 940 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 55,000 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 10,000 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 1	November 15	By Early January	January 15
Early Decision 2	January 15	February 1	March 1
Regular Decision	January 15	By April 1	May 1
Spring Entry	December 1	By Early January	January 3

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. The most competitive candidates 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. Three additional units may be taken in any core subjects which meet requirements for graduation.

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.** 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.

Early Decision

Students who have identified Providence College as their first choice may apply at our Early Decision deadlines of November 15 or January 15. 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 2 by January 15. Early Decision 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 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:

1. Those for whom a favorable decision may still be possible will be deferred to the regular applicant group to be reconsidered in March.
2. 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 2.

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 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. Students who applied as freshmen, 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 for Transfer Students and forms, 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.** 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

AP Exam	Score	PC Equivalent*
Art History	4 or 5	ARH 106 (Fine Arts core) or free elective
Biology	4 or 5	Standard Natural Science core or free elective
Calculus AB or BC	4 or 5	MTH 131 (Quantitative Reasoning core)
Chemistry	4 or 5	Standard Natural Science core or free elective
Computer Science	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	Standard Natural Science core or free elective
European History	4	Free elective
	5	European History elective or free 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 or free elective

Government & Politics: Comparative	4	Free elective
	5	Political Science elective or free elective
Human Geography	4 or 5	Free elective
Italian Language & Culture	4 or 5	ITA 104
Latin-Vergil	4	LAT 201
	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	Physics-Based Natural Science core or free elective
Physics C- Electricity & Magnetism	4 or 5	Physics-Based Natural Science core or free elective
Physics C- Mechanics	4 or 5	Physics-Based Natural Science core or free elective
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	Free Elective or FIN 217 (Business majors)
Studio Art- Drawing	4 or 5	Fine Arts core or free elective or ART 111 (portfolio subject to department review for Studio Art majors)
Studio Art- 2D Design	4 or 5	Fine Arts core or free elective or ART 101 (portfolio subject to department review for Studio Art majors)
Studio Art- 3D Design	4 or 5	Fine Arts core or free elective or ART 102 (portfolio subject to department review for Studio Art majors)
U.S. History	4	Free elective
	5	U.S. History elective or free elective
World History	4	Free elective
	5	Non-Western History elective or free 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 taught by a full-time faculty member. 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

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 International Student Financial Aid Application or the International Student Certification of Finances form 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.

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.

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.

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 2016-2017 Academic Year

Tuition and Required Fees*

Tuition (per year)**

\$46,080

General Technology Fee	\$430
Activity Fee	\$330
<u>Room and Board (per year, per student)*</u>	
Residence Halls	\$7,950
Two Bedroom Suite	\$10,240
Three Bedroom Suite	\$9,910
Two Bedroom Apartment Rental	\$12,240
Three Bedroom Apartment Rental	\$12,040
Laundry Fee	\$130
Unlimited Meal Plan***	\$5,840
15 Meal Plan	\$5,410
11 Meal Plan	\$4,430
7 Meal Plan	\$3,450
75 Block Meal Plan (<i>Not an option for residence hall students</i>)	\$2,010

***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 2016-2017 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>)	\$575
Art Studio Laboratory (<i>per course - per semester</i>)	\$130
Piano Lab Fee (<i>per course - per semester</i>)	\$60
Science Laboratory (<i>per course - per semester</i>)	\$180

Psychology Laboratory (<i>per course - per semester</i>)	\$185
Computer Laboratory (<i>per course - per semester</i>)	\$110
Video Production Fee (<i>per course - per semester</i>)	\$120
Music Education Practicum Fee	\$60
Student Teacher Practicum Fee I (<i>Based on Student Teacher/Cooperating Teacher ratio</i>)	\$115
Student Teacher Practicum Fee II (<i>Based on Student Teacher/Cooperating Teacher ratio</i>)	\$60
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 (<i>with video</i>)	\$210
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)	\$1,536

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)	\$481.50
Student Health Insurance Fee (estimated)	\$1,521

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 enrolled automatically in the College's insurance plan. The enrolled student will be responsible for the costs of this plan and will be billed accordingly. Any questions should be directed to the Bursar's Office.

** 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 7 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 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

(Gross Amt. \$2,750)

Federal Perkins Loan \$1,000

Federal Pell Grant \$1,350

SEOG \$2,000

\$7,059

Formula:

Step One:

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

Percentage of aid earned = 21%.

Step Two:

\$7,059 total aid x 21% = \$1,482 total aid earned.

Step Three:

\$7,059 total aid - \$1,482 total aid earned = \$5,577 total aid unearned.

Step Four:

\$5,577 unearned aid to be returned to Title IV funds.

Refund Distribution

Prescribed by law and regulation

Unsubsidized loans

Subsidized loans

Federal Perkins 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 applied to federal need-based student loans or federal work-study first.

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 current federal and institutional policy.

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.

For the 2017-2018 academic year, there will be changes to both the application process and deadlines. 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

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.

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.

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.

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.

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.

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.

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 \$598 to \$5,815 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 some 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 International Studies 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

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 40 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. Beginning with the Class of 2016, the merit awards for the Liberal Arts Honors Program have been expanded to include the St. Joseph Scholarship. The award amounts are noted in the table below.

Academic Scholarships

Academic-based merit scholarships, Albertus Magnus, 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 not only have demonstrated the academic discipline necessary to succeed in the classroom, but display extraordinary commitment, leadership, and responsibility in their extracurricular pursuits.

The following scholarships are in place for the 2016-2017 academic year.

Liberal Arts Honors	Class of 2017 and 2018	Class of 2019 and 2020
St. Dominic Scholarship	Full tuition	Full tuition
St. Thomas Aquinas Scholarship	80% of tuition	80% of tuition
St. Catherine of Siena Scholarship	60% of tuition	60% of tuition
St. Joseph Scholarship	40% of tuition	40% of tuition
Academic Scholarships	Class of 2017 and 2018	Class of 2019 and 2020
Albertus Magnus	\$15,000 tuition award	\$15,000 tuition award
PC Friar Scholarships	\$9,000 tuition award	\$10,000 tuition award

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 providing the student is making satisfactory progress toward a degree, the student's 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.

The Martin Luther King Scholarship assists undergraduate racial and ethnic minority students and others who demonstrate a desire and ability to contribute to the College's diversity. Financial need and academic potential are also considered. Interested students should contact the director of multicultural scholarship programs at 401.865.2495.

The Cunningham Scholarship assists undergraduate racial and ethnic minority students and others who demonstrate a desire and ability to contribute to the College's diversity and who currently reside in the Greater Providence area. Financial need and academic potential are also considered. Interested students should contact the director of multicultural scholarship programs at 401.865.2495.

The St. Juan Macias Scholarship, originally established in 1988 under a different name, is awarded to racial and ethnic minority students and others who demonstrate a desire and ability to contribute to the College's diversity and who demonstrate outstanding academic achievement. The scholarship is granted for the full amount of first-year tuition, room, and board. Renewal of this award is contingent upon excellent academic performance.

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

Federal Perkins Loans funded by the federal government are awarded by the Office of Financial Aid to students who demonstrate high levels of eligibility. They are available to both graduate and undergraduate students. Under current legislation, repayment at five percent interest is deferred until nine months after graduation. Repayment may extend up to 10 years.

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 a 4.204 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 also coordinates 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, and advises Student Congress, BMSA, and the media groups - 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

The Personal Counseling Center provides a professional counseling service for students who may be dealing with stress, anxiety, or other personal or emotional problems. The center offers individual counseling on an appointment basis. Students requesting an urgent appointment can be seen on the same day. In addition, the center makes available a wide range of resources including self-help literature, consultation to the campus community, workshops, and counseling/support groups, as well as crisis intervention and assistance with substance abuse. For students requiring services that are more intensive or longer-term than what is offered by the counseling center, referral assistance is offered. All services are confidential within the limits of the law and professional ethics.

Health Services

The College provides health services to its students during the academic year. The Student Health Center is staffed by four providers. Appointments are necessary to meet with one of the providers. 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, and students assume financial responsibility for those services.

When the center is closed, from 4:30 p.m. to 8:30 a.m. (Monday through Friday) and 24 hours on Saturday, Sunday, and some holidays, emergency medical services are provided by on-campus emergency medical technicians.

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.

Safety and Security

The Office of Safety and Security operates 24 hours a day, seven days a week, year-round. The principal objective of the Providence College Office of Safety and Security is to safeguard members of the College community and to protect private and institutional property on campus. As a service organization, the security department attempts to contribute to the transition to College community life by stressing the importance of crime prevention, the individual's obligation to take necessary precautions, the cooperation of each member of the College community to safeguard personal and College property, and the care that must be taken to comply with fire regulations. Paper copies of the *Annual Security and Fire Safety Report* are available at the Office of Safety and Security.

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

Self-Insight & Exploration, Professional Skill Development, and Market Readiness are the key "game plan" elements of the Center for Career Education & Professional Development. A typical game plan will include many, if not all, of these elements, and will be repeated through the four years of college and throughout life.

During **Self-Insight & Exploration** students identify their top five strengths using the StrengthsFinder 2.0 assessment. Students discuss their passions, skills, and major, job, career, and market prospects in coaching meetings with career coaches.

Professional Skills Development occurs when students participate in learning experiences outside the classroom that enhance classroom learning, build skills, and foster professionalism, and in skills-gap programs that supplement a student's academic experience, making them more employable.

Students will feel confident in their **Market Readiness** for jobs and/or professional school through research projects, interview preparation for jobs and professional school, career/graduate school document preparation, and dining etiquette programs, which all prepare students to enter the market.

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, and various other transition and leadership programs.

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 six-person apartments, wherein there are three two-person bedrooms, while two buildings are comprised of four-person apartments (two bedrooms with two students per room). 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.

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, 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 entire College 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 program, 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 safe, 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 sports currently offered to both men and women are: flag football, ice hockey, soccer, 3-on-3 basketball, 5-on-5 basketball, softball, and wiffleball. Co-ed sports include tennis, volleyball, and ultimate. 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, ultimate, men's ice hockey, racquetball, golf, figure skating, wrestling, men's and women's basketball, women's lacrosse, cycling, running, 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.

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.

Academic Information

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 2016-2017).

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 fifteen (15).

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)	<i>16 credits</i>
<i>The DWC requirement is 20 credits for Liberal Arts Honors students.</i>	
Foundational Component	
1. Theology	<i>6 credits</i>
2. Philosophy (3 credits of a non-ethics philosophy course + 3 credits of an ethics philosophy course)	<i>6 credits</i>
3. Natural Science (inclusive of a "hands-on" component)	<i>3-4 credits</i>
4. Social Science	<i>3 credits</i>
5. Quantitative Reasoning	<i>3 credits</i>
6. Fine Arts	<i>3 credits</i>
Core Focus	
2 courses	<i>6 credits</i>
Learning Proficiencies*	
1. Intensive Writing Proficiency (2 courses)	<i>6 credits</i>
2. Oral Communication Proficiency	<i>3 credits</i>
3. Cross-Cultural Understanding/Diversity Proficiency	<i>3 credits</i>
4. Civic Engagement Proficiency	<i>3 credits</i>

**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, 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 on an "Academic Program Adjustment Form" and return it to the Office of Enrollment Services. 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, such as student-led class discussions. These courses instruct students in delivering oral presentations that are designed to be lively and interesting, and in the virtues of effective communication.

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.

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.

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.

Change of Major

Students desiring to change from one major to another must obtain and complete an "Academic Program Adjustment Form" from the Office of Enrollment Services. 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:

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.

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:

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.

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.

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.

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.

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.

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:

(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.*

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).

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.

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.

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:

An extra course in the undergraduate day school.

An approved extra course in the Providence College School of Continuing Education (SCE) or in an approved program.

An approved course in a summer school program.

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:

Documented medical condition or illness where an extended absence is anticipated;

Illness or death of immediate family member (parent, grandparent, sibling, child);

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 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 (for students in the Class of 2016):

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

- includes all courses required specifically for the major, including those offered outside the "home" department or program;
- includes all courses attempted for the major regardless of grade earned (excluding those subject to course "repeat" policies); and
- includes only those courses used/attempted in fulfillment of major requirements as specified in the College Catalog; in the case of major electives, includes courses used based on chronological order of semester/term taken, but allows individual departments/programs to substitute courses completed later for major elective requirements.

Major/Minor GPA (for students in the Class of 2017 and beyond):

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:

- includes all courses required specifically for the major or minor, including those offered outside the "home" department or program;
- 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.

Examinations

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 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:

Minimum GPA for Good Standing;

Probation; and

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.

Academic Dismissal

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

The student's cumulative grade point average is below the relevant standard on the Academic Standards Chart.

The student has been placed on academic probation for two consecutive semesters.

Semester	Minimum CGPA For Good Standing	Probation (CGPA)	Dismissal	
End of 1st	1.6	below 1.60	no dismissal	no dismissal
End of 2nd	1.8	1.58 - 1.79	less than 1.58	two consecutive semesters on academic probation
End of 3rd	1.9	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	1.90 - 1.99	less than 1.90	
End of 6th	2	1.90 - 1.99	less than 1.90	
End of 7th	2	1.90 - 1.99	less than 1.90	
End of 8th	2	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.

I. 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 in which a penalty has been imposed, 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. 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

In clearly established cases of health, finance, or other good cause necessitating a postponement of the normal academic program, a leave of absence may be granted or required through the dean of students for a period of from one to a maximum of four semesters. All students returning from a leave of absence must contact the dean of students by December 1 for reactivation for the spring semester and August 1 for reactivation for the fall semester. If a student does not inform the office of the dean of students that they are making a request to return from leave by either of these dates, the office of the dean of students will continue the students' leave for the following semester. All students requesting approval to return from a medical leave of absence must submit to the designated College official(s), as determined by the dean of students, a signed statement from an appropriate health care provider certifying that the student is able to resume full-time attendance. The designated College official(s) will confer with the dean of students and a decision will be made regarding the next steps in the process. This may or may not indicate that more information is necessary to reach a decision in order to return from a medical leave. 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. It is advised that all students contact the financial aid and bursars office, when possible, to determine the financial implications when requesting a leave of absence. Additionally, the student should provide notice to the appropriate academic dean and/or student 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:

A previous discussion of withdrawal must occur with the Office of the Dean of Undergraduate and Graduate Studies, and

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:

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.

Students must also obtain summer course approval from the Office of the Dean of Undergraduate and Graduate Studies.

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.

Registration and payment for summer academic internships is processed via the School of Continuing Education (SCE).

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.

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:

Honors Designation Cumulative Grade Point Average (GPA)

cum laude 3.550 - 3.699

magna cum laude 3.700 - 3.849

summa cum laude 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 Delta Mu

National Social Work Honor Society

Alpha Epsilon Delta

National Premedical Students Honor Society

Alpha Kappa Delta

International Sociology Honor Society

Alpha Sigma Lambda

National Honor Society for Adults in Continuing Education

Alpha Upsilon Alpha

Honor Society of the International Reading Association

Beta Gamma Sigma

International Honor Society Serving Business Programs Accredited by AACSB
International

Chi Alpha Sigma

National College Athlete Honor Society

Dirigo

Providence College Student Leadership Honor Society

Gamma Kappa Alpha

National Italian Honor Society

Kappa Delta Pi

International Honor Society in Education

National Society of Collegiate Scholars

Omicron Delta Epsilon

International Economics Honor Society

Phi Alpha Delta

Law Fraternity, International

Phi Alpha Theta

National History Honor Society

Phi Lambda Upsilon

National Chemistry Honor Society

Phi Sigma Iota

International Foreign Language Honor Society

Phi Sigma Tau

International Honor Society in Philosophy

Pi Delta Phi

National French Honor Society

Pi Mu Epsilon

National Mathematics Honor Society

Pi Sigma Alpha

National Political Science Honor Society

Psi Chi

International Honor Society in Psychology

Sigma Delta Pi

National Collegiate Hispanic Honor Society

Sigma Pi Sigma

National Physics Honor Society

Sigma Tau Delta

International English Honor Society

Sigma Xi

International Scientific Research Honor Society

Theta Alpha Kappa

National Honor Society for Religious Studies & Theology

Academic Resources

Academic Advising

Wanda Ingram, Ed.D., Senior Associate Dean of Undergraduate Studies/Interim Director of Academic Advising

Phone: 401.865.2498

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
- 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.

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.

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

Wanda Ingram, Ed.D., Senior Associate Dean of Undergraduate Studies/Interim Director of Academic Advising
Phone: 401.865.2498
Location: Harkins Hall 213

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

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

John T. Scanlan, Ph.D., Program Director
Phone: 401.865.2446
Location: Ruane LL31

The pre-law program at Providence College is an advisory program for any student, regardless of major and graduation year, who is considering the law as a possible career, preparing to apply to law school, or applying to law school in the current application cycle. Each year, a substantial number of Providence College students and alumni consider pursuing the study of law. Because the process of applying to American Bar Association-approved law schools nationwide is competitive, students interested in exploring a career in law are encouraged to register and meet with the pre-law advisor well in advance of the senior year.

Generally, pre-law advising services include the following:

career counseling, with a focus on learning about the actual study and practice of law;

advice regarding undergraduate preparation, with significant emphasis placed on the major criteria considered by competitive law schools in order to maximize the potential of each candidate; and

guidance during all phases of the application and matriculation processes.

Law schools assess a number of factors during the admission process. There is no established pre-law curriculum and there are no specific educational requirements for entrance to law school. Rather, law schools place a premium on the application that demonstrates rigorous undergraduate preparation in a major area or areas of study chosen by the applicant.

An applicant's undergraduate grade point average (GPA) and the Law School Admission Test (LSAT) score are key objective criteria evaluated by law schools, mainly because they provide a numerical basis for comparison to other applicants. Once an applicant's GPA and LSAT score qualify him/her for closer scrutiny, schools also consider subjective criteria during the decision-making process. These subjective criteria include the personal statements and letters of recommendation, especially those letters submitted by faculty members. An applicant's experience is another subjective factor that may encompass a broad range of activities, including curricular and extracurricular activities, internships, employment, and community volunteer work. Experience can be a valuable assessment tool because it serves as evidence that the applicant has relevant skills and motives, and is likely to contribute to the overall strength and diversity of the incoming class.

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.

School of Arts & Sciences

Contact Information

Phone: 401.865.2600

URL: www.providence.edu/arts-sciences

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, 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.

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 studies 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.

Please 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.

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)

Anthropology

The Faculty

Associate Professor

Sister Leslie Ellen Straub, O.P., 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.

Required Courses

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 new Core Curriculum, which takes effect with the Class of 2016, is available at <http://www.providence.edu/academic-affairs/core-curriculum>.

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.

Thomas F. Strasser, Ph.D.

Associate Professors

S. Paul Crenshaw, Ph.D., *Chairperson*

James S. Janecek, M.F.A.

Heather McPherson, M.F.A.

Eric E. Sung, M.F.A.

Assistant Professors

Lynn M. Curtis, M.F.A.

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.

Please 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.

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
OR
- ARH 211 - The Arts of Southeast Asia 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.

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.

Please 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.

Required Courses

- 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.

Studio Thesis Courses

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 495 - Printmaking Thesis 3 Credits
- ART 496 - Ceramics Thesis 3 Credits
- ART 497 - Photography Thesis 3 Credits
- ART 498 - Digital Imaging Thesis 3 Credits

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 - Photography I 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
- ART 248 - Digital Imaging: Web Animation 3 Credits

Some Special Topics courses in art may be counted as studio electives, in consultation with the advisor.

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.

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 - Photography I 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
- ART 248 - Digital Imaging: Web Animation 3 Credits

Some Special Topics courses in art may be counted as studio electives, in consultation with the advisor.

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.

Asian Studies

Contact Information

Phone: 401.865.2520

Fax: 401.865.2410

Location: Hunt/Cavanagh 202B

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), *Advisor*

Charlotte G. O'Kelly, Ph.D. (Sociology/Women's Studies)

Associate Professors

D. Colin Jaundrill, Ph.D. (History)

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)

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:

1. 3 credits in Asian history or Asian art history
2. 3 credits in the social sciences of Asia
3. 12 credits drawn from any combination of courses approved by the program

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.

Participants will be encouraged, but not required, to study basic Chinese, Japanese, or Arabic, credit for which may be transferred in from other institutions or schools of continuing education. The credits will be counted toward the minor. Students are also strongly encouraged-but by no means required-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.

The Courses

Art History

- ARH 104 - Asian Art 3 Credits
- ARH 211 - The Arts of Southeast Asia 3 Credits
- ARH 470 - Advanced Special Topics in Art History 3 Credits *

Asian Studies

- AST 200 - Asian Perspectives 3 Credits
- AST 480 - Asian Perspective Seminar 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 on Non-Western Topic 3 Credits *
- HIS 482 - Seminar on Non-Western Topic 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

Philosophy

- PHL 325 - Asian Philosophy 3 Credits

Sociology

- SOC 318 - 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).

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.

Yinsheng Wan, Ph.D.

Craig B. Wood, Ph.D., Emeritus

Associate Professors

Elisabeth Arévalo, Ph.D.

David B. Baier, Ph.D.

Maia F. Bailey, Ph.D.

Joseph A. DeGiorgis, Ph.D.

Patrick J. Ewanchuk, Ph.D.

Rev. Mark D. Nowel, O.P., Ph.D.

Brett J. Pellock, Ph.D.

Charles R. Toth, Ph.D., *Chairperson*

Assistant Professors

Jonathan L. Richardson, Ph.D.

Marla B. Tipping, Ph.D.

James S. Waters, Ph.D.

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. One such opportunity is our affiliation with the Organization for Tropical Studies (OTS).

Organization for Tropical Studies

The Organization for Tropical Studies (OTS) is a nonprofit consortium that includes 63 universities and research institutions from the United States, Latin America, and Australia, in collaboration with the Universidad de Costa Rica. The main interest of the OTS is to strengthen education and research in tropical biology.

The OTS, in partnership with Duke University, offers semester and summer programs for undergraduate students interested in field biology.

Further details are available by visiting the OTS Web site at www.ots.duke.edu/en/education/undergraduate.shtml.

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 209 - Introductory Botany 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 230 - Invertebrate Zoology 4 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 403 - Plant Physiology 4 Credits
- BIO 405 - Physiology 4 Credits
- BIO 407 - Microbiology 4 Credits
- BIO 410 - Electron Microscopy 4 Credits
- BIO 412 - Microbial Physiology 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 (B.S. program only)
- CHM 452 - Nutritional Biochemistry 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

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.

Please 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.

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:

1. Students enroll in five (5) course per semester (in addition to any 1-credit requirements), beginning with the second semester of freshman year.
2. 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.
3. Students will have more flexibility if they are able to fulfill proficiency requirements with courses that also meet major or Core Foundational requirements.

Please 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.

Required Courses

- BIO 103 - General Biology I 4 Credits
- BIO 104 - General Biology II 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/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

Please 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.

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

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.

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:

1. Students enroll in five (5) course per semester (in addition to any 1-credit requirements), beginning with the second semester of freshman year.
2. 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.
3. Students will have more flexibility if they are able to fulfill proficiency requirements with courses that also meet major or Core Foundational requirements.

Please 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.

Required Courses

- BIO 103 - General Biology I 4 Credits
- BIO 104 - General Biology II 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/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

Please 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.

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.

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 I 4 Credits
- BIO 104 - General Biology II 4 Credits
- BIO 310 - Evolution 3 Credits
- BIO 401 - Ecology 4 Credits
- Two Courses from the Following: BIO 201 - Comparative Anatomy 4 Credits
- BIO 209 - Introductory Botany 4 Credits
- BIO 210 - Field Botany 4 Credits
- BIO 220 - An Introduction to Tropical Biology 4 Credits
- BIO 225 - Symbiosis 3 Credits
- BIO 230 - Invertebrate Zoology 4 Credits
- BIO 240 - Marine Biology 4 Credits
- BIO 330 - Comparative Biomechanics 4 Credits
- BIO 350 - Animal Behavior 4 Credits
- BIO 403 - Plant Physiology 4 Credits

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.

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 215 - Dimensions of Contemporary Black Life 3 Credits
- BLS 225 - The African World View 3 Credits
- BLS 227 - History of Jazz 3 Credits
- BLS 334 - African Politics 3 Credits
- BLS 365 - Twentieth-Century African-American Literature 3 Credits

Thematic Area: Historical Inquiry

- BLS 210 - Topics in African and African-American History 3 Credits
- BLS 304 - Social Movements 3 Credits
- BLS 325 - African-American Women 3 Credits
- BLS 344 - History of Africa Since 1850 3 Credits
- BLS 346 - Slavery in the United States, 1619-1865 3 Credits
- BLS 347 - The Civil Rights Movement in the United States, 1955-1975 3 Credits
- Thematic Area: Social & Structural Analysis BLS 215 - Dimensions of Contemporary Black Life 3 Credits
- 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 Ethnic Relations 3 Credits
- BLS 307 - Urban Sociology 3 Credits
- BLS 313 - The Power of Whiteness 3 Credits
- BLS 320 - Diversity and Culture in Social Work Practice 3 Credits
- BLS 323 - Contemporary Social Problems 3 Credits
- BLS 325 - African-American Women 3 Credits
- BLS 335 - The Economics of the Developing Nations 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

Chemistry and Biochemistry

Contact Information

Phone: 401.865.2379

Fax: 401.865.1438

Location: Sowa Hall 238

The Faculty

Professors

Kathleen A. Cornely, Ph.D.

Paul T. Czech, Ph.D., *Chairperson (Spring)*

Martin D. Saltzman, Ph.D.

Associate Professors

Sheila Adamus Liotta, Ph.D.

John J. Breen III, Ph.D.

Christopher M. Laperle, Ph.D.

Seann P. Mulcahy, Ph.D.

Kenneth R. Overly, Ph.D., *Chairperson (Fall)*

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.

Please 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.

- 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
- (1) 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

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 new Core Curriculum, which takes effect with the Class of 2016, is available at <http://www.providence.edu/academic-affairs/core-curriculum>.

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.5 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

- 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 I within this option. BIO 103 is required in order to meet the standards of the Interstate Certification Compact.

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. This program is certified by the American Chemical Society.

Please 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.

Required Courses

- BIO 103 - General Biology I 4 Credits
 - BIO 104 - General Biology II 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.

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.

Please 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.

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 **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. This program is certified by the American Chemical Society.

Please 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.

Required Courses

- BIO 103 - General Biology I 4 Credits
- BIO 104 - General Biology II 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.

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
- HIS 337 - Ancient World I: Near East and Greece
- HIS 338 - Ancient World II: Rome
- HIS 339 - Ancient Egypt
- HIS 360 - Greek and Roman Warfare
- HIS 481 - Seminar on Non-Western Topic (only on subjects relevant to the Classical world)
- HIS 482 - Seminar on Non-Western Topic (only on subjects relevant to the Classical world)
- LAT 101 - Elementary Latin

- LAT 102 - Elementary Latin
- LAT 201 - Intermediate Latin
- LAT 202 - Intermediate Latin

Development of Western Civilization

Contact Information

Phone: 401.865.2231

Fax: 401.865.1730

Location: Moore Hall 101

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.

Program Structure

The first three semesters of the DWC consist of large lecture and seminar-style encounter with significant texts from Western and other world civilizations. These three semesters are four credits each and arranged chronologically, with the first semester dedicated to works from Antiquity, the second semester dedicated to works from the Medieval and Early Modern period, and the third semester dedicated to works from the Modern period. These team-taught classes engage students in contemplation of significant works of philosophy, theology and literature in their historical and cultural contexts, with special attention to the Catholic and Dominican tradition.

The fourth semester of the Development of Western Civilization Program consists of a team-taught, four-credit colloquium.

Students choose from a variety of colloquia according to their interests. Building upon the first three semesters, the advanced colloquium focuses on a specific, contemporary issue in its cultural and historical context. Colloquia seek to extend the interdisciplinary approach beyond the humanities, e.g., natural science, social science, education, and business, as well as seeking to relate western history and culture to the histories and cultures beyond the West.

- The CoursesDWC 101 - Development of Western Civilization I 4 Credits
- DWC 102 - Development of Western Civilization II 4 Credits
- DWC 201 - Development of Western Civilization III 4 Credits
- DWC 202 - Development of Western Civilization IV 4 Credits

DWC & Transfer Status

New students who are accepted to Providence College with advanced standing (transfer) status will be required to complete the following DWC sequence:

2nd Semester Freshman:

- DWC 101 - Development of Western Civilization I
- DWC 102 - Development of Western Civilization II
- DWC 202 - Development of Western Civilization IV

1st Semester Sophomore:

- DWC 101 - Development of Western Civilization I
- DWC 202 - Development of Western Civilization IV

2nd Semester Sophomore:

- DWC 101 - Development of Western Civilization I
- DWC 202 - Development of Western Civilization IV

1st Semester Junior:

- DWC 101 - Development of Western Civilization I
- DWC 202 - Development of Western Civilization IV

As DWC 101 is currently only offered in the fall semester, it is recommended that transfer students who begin matriculation in the spring delay enrollment in DWC until the following fall semester. Students should complete the DWC requirement in sequential order, with DWC 101 as the introductory foundation course and the DWC 202 (Colloquium) as the final course in the program.

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

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.

These core courses in the major are:

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

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

1. ECN 101 - Principles of Economics: Micro 3 Credits
2. ECN 102 - Principles of Economics: Macro 3 Credits
3. ECN 201 - Microeconomic Analysis 3 Credits
4. ECN 202 - Macroeconomic Analysis 3 Credits
5. ECN 214 - Introduction to Econometrics with Computing Lab 4 Credits
6. ECN 488 - Economics Senior Capstone 3 Credits
7. 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)
8. MTH 217 - Introduction to Statistics OR MTH 325 - Probability Theory and Mathematical Statistics I 3 Credits
9. THL 376 - Catholic Social Thought OR THL 374 - Theological Ethics for Business and Economics 3 Credits
10. ACC 203 - Financial Accounting 3 Credits
11. FIN 207 - Managerial Finance I 3 Credits
12. ACC 204 - Managerial Accounting 3 Credits
13. 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 451 - Industrial Organization and/or ECN 352 - Business, Government, and Society. In addition, at least one of the six must be a 400-level economics course.

Beginning with the Class of 2017: ECN 488 - Economics Senior Capstone (3 Credits) will replace one elective as a major requirement.

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.

Please 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.

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

1. ECN 101 - Principles of Economics: Micro 3 Credits
2. ECN 102 - Principles of Economics: Macro 3 Credits
3. ECN 201 - Microeconomic Analysis 3 Credits
4. ECN 202 - Macroeconomic Analysis 3 Credits
5. ECN 214 - Introduction to Econometrics with Computing Lab 4 Credits
6. ECN 488 - Economics Senior Capstone 3 Credits

7. 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)
8. MTH 217 - Introduction to Statistics OR MTH 325 - Probability Theory and Mathematical Statistics I 3 Credits
9. THL 376 - Catholic Social Thought OR THL 374 - Theological Ethics for Business and Economics 3 Credits
10. 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 2017: ECN 488 - Economics Senior Capstone (3 Credits) will replace one elective as a major requirement.

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.

To encourage our majors to obtain a broad and comprehensive understanding of the issues related to their field of study, economics majors have the option of fulfilling one of their economics electives by taking a related course from another department or program. All course substitutions must be made in consultation with the student's faculty advisor and require the prior approval of the economics department chair.

Please 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.

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

1. ECN 101 - Principles of Economics: Micro 3 Credits
2. ECN 102 - Principles of Economics: Macro 3 Credits
3. ECN 201 - Microeconomic Analysis 3 Credits
4. ECN 202 - Macroeconomic Analysis 3 Credits
5. ECN 214 - Introduction to Econometrics with Computing Lab 4 Credits
6. ECN 419 - Econometric Models 3 Credits
7. ECN 417 - Mathematics for Economists I 3 Credits
8. ECN 409 - Economic Forecasting OR ECN 486 - Seminar in Advanced Econometrics 3 Credits
9. ECN 488 - Economics Senior Capstone 3 Credits

10. 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)
11. MTH 217 - Introduction to Statistics OR MTH 325 - Probability Theory and Mathematical Statistics I 3 Credits
12. THL 376 - Catholic Social Thought OR THL 374 - Theological Ethics for Business and Economics 3 Credits
13. 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.
14. The remaining four economics electives (12 credits) may be selected from the list of upper-division economics electives.

Beginning with the Class of 2017: ECN 488 - Economics Senior Capstone (3 Credits) will replace one elective as a major requirement.

Beginning with the Class of 2020: The remaining one economics elective (3 credits) may be selected from the list of upper-division economics electives.

Please 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.

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.

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

Assistant Professors

Seth T. Ashman, 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 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.

Please 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.

Required Courses

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.5 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.

- CHM 121 - Introductory Chemistry I 4 Credits &
- CHM 122 - Introductory Chemistry II 4 Credits
- OR
- CHM 101 - General Chemistry I 4 Credits &
- CHM 102 - General Chemistry II 4 Credits

- 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 303 - Systems Approach to Complex Problem Solving 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
- 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

*EPS 303 is only offered in Fall of even years.

**EDU 412 is now being offered in Fall of odd years.

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.

Please 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.

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 303 - Systems Approach to Complex Problem Solving 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 121 - Introductory Chemistry I 4 Credits
- &
- CHM 122 - Introductory Chemistry II 4 Credits
- OR
- CHM 101 - General Chemistry I 4 Credits
- &
- CHM 102 - General 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 303 is only offered in the Fall of even years.

EPS 448 is only offered in the Spring of odd years.

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 the humanities, science, and mathematics are blended 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 receive a degree from Providence College as well as 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. 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.

Students interested in engineering can also complete the program on a 4-2 schedule, spending 4 years at Providence College and 2 years at the affiliate school. This will also result in a B.S. in engineering. The concentrations available include: chemical, civil, electrical, and mechanical engineering. Special areas of study are available in environmental, biomedical, computer engineering, systems science, and other multidisciplinary engineering fields.

All engineering students follow the pre-engineering curriculum outlined below. Students planning to continue in some specialized areas of engineering such as chemical or biomedical engineering must include additional course work as prescribed by the affiliated university in the joint program. A "B" average, both overall and in the major, is the standard required for continuation in engineering.

The Combined Plan Engineering Program fulfills the Core Focus requirement by virtue of completing all requirements for the degree.

Please 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.

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 121 - Introductory Chemistry I 4 Credits
- &
- CHM 122 - Introductory Chemistry II 4 Credits
- OR
- CHM 101 - General Chemistry I 4 Credits
- &

- CHM 102 - General 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

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 courses at 200 level or higher

Systems Science

Minor

Required Courses

- EPS 115 - Concepts of Systems Science 3 Credits
- 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

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

Anthony M. Esolen, Ph.D.

Bruce E. Graver, Ph.D., *Chairperson*

John F. Hennedy, Ph.D., Emeritus

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.
Russell M. Hillier, Ph.D.
William P. Hogan, 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.
Margaret Healy-Varley, Ph.D.
Alexander N. Moffett, 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

Please 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.

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)

English

Bachelor of Arts

Please 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.

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

Please 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.

Required Courses

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.5 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

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
- Course receiving major credit 3 Credits

Writing

Minor

Required Courses

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

Six hours/two courses in English literature and language level 200 or above

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

Nuria Alonso García, Ph.D.

Salvatore Cappelletti, Ph.D.

Edgar Mejía, Ph.D.

Assistant Professors

Alison Caplan, Ph.D., *Chairperson*

Cyrielle Faivre, Ph.D.

Javier I. Mocarquer, Ph.D.

Monica Simal, 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

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.

Please 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.

Foreign Language/Secondary Education

Bachelor of Arts

Options: French/Secondary Education, Italian/Secondary Education, or Spanish/Secondary Education

Please 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.

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 2.5 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

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.

Global Studies

Contact Information

Phone: 401.865.2048

Fax: 401.865.1206

Location: Feinsein Academic Center 315

The Faculty

Professor

Nicholas V. Longo, Ph.D. (Global Studies/Public and Community Service Studies)

Associate Professors

Nuria Alonso García, Ph.D. (Global Studies/Secondary Education), *Chairperson*

Kara B. Cebulko, Ph.D. (Sociology/Global Studies)

Assistant Professors

Susan Griffith-Grossman, D.S.W. (Social Work)

Trina Vithayathil, Ph.D. (Global Studies)

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 and 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:

1. PSC Approved Elective (International Focus)
2. ECN 102 - Principles of Economics: Macro or GST 325 - The Global Economy
3. PHL 301 - Ethics, Moral Leadership, and the Common Good (preferred for Ethics Core)
4. THL 354 - Church in Today's World
OR
THL 358 - The Church and the Major World Religions
OR
THL 376 - Catholic Social Thought
5. GST 290 - Global Engagement

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. These should be *additional* courses beyond other global studies major requirements with at least one being an upper-level course.

Language Component:

Living in a global community calls for an appreciation and understanding of foreign languages and cultures.

1. 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.
2. 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.

Please 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.

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
Fred K. Drogula, Ph.D.
Richard J. Grace, Ph.D., Emeritus
Jeffrey A. Johnson, Ph.D.
Robert McCarthy, Ph.D., Emeritus
Sharon A. 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.
Jennifer G. Illuzzi, Ph.D.
D. Colin Jaundrill, 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.
Robin J. Greene, Ph.D.
Thomas W. Grzebien III, Ph.D.
Tobias J. Harper, Ph.D.
Karen A. Holland, Ph.D.
John M. Lawless, Ph.D.
Margaret M. Manchester, Ph.D.
Paul F. O'Malley, Ph.D.
Rev. David T. Orique, O.P., Ph.D.
René Alexander Orquiza, Ph.D.
Steven C. Smith, Ph.D.

History and Classics

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.

Please 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.

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:

1. One Pre-1715
2. One Post-1715

3. One Pre- or Post-1715

(1) Non-Western History course

(2) History Electives

Junior/Senior Seminar *or* Honors Thesis in History

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 history 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 history 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.

Please 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.

Required Courses

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.5 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

Pre-1715 European Courses

- HIS 220 - Living in an Imperial World: Cities and Empires, 1500 to the Present 3 Credits
- HIS 303 - Medieval England 3 Credits
- HIS 305 - Europe from 1555 – 1648 3 Credits
- HIS 306 - Europe from 1648-1714 3 Credits
- HIS 323 - The Renaissance 3 Credits
- HIS 324 - The Reformation 3 Credits
- HIS 331 - Medieval Europe I 3 Credits
- HIS 332 - Medieval Europe II 3 Credits
- HIS 334 - Men and Women in Medieval Society 3 Credits
- HIS 337 - Ancient World I: Near East and Greece 3 Credits
- HIS 338 - Ancient World II: Rome 3 Credits
- HIS 421 - History of Russia I 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 307 - Europe from 1714-1815 3 Credits
- HIS 308 - Europe from 1815-1914 3 Credits
- HIS 309 - Modern German History 3 Credits
- HIS 311 - Era of the French Revolution 3 Credits
- HIS 312 - Nationalism and Independence in Eastern Europe 3 Credits
- HIS 313 - Eastern Europe Since World War I 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
- HIS 448 - The Rise and Fall of the Third Reich, 1920-1950 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 312 - Nationalism and Independence in Eastern Europe 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 421 - History of Russia I 3 Credits
- HIS 422 - History of Russia II 3 Credits
- HIS 481 - Seminar on Non-Western Topic 3 Credits
- HIS 482 - Seminar on Non-Western Topic 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

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 225 - Women and the American Experience 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 321 - American Diplomatic History I 3 Credits
- HIS 346 - Slavery in the United States, 1619-1865 3 Credits
- HIS 366 - American Business History 3 Credits

- HIS 415 - History of Presidential Elections I 3 Credits
- HIS 438 - Early Constitutional History 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 America: Racism, Ethnicity, and Immigration History in the Contemporary United States 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 301 - History of American Involvement in Vietnam 3 Credits
- HIS 317 - America in the Gilded Age, 1877-1897 3 Credits
- HIS 321 - American Diplomatic History I 3 Credits
- HIS 322 - American Diplomatic History II 3 Credits
- HIS 347 - The Civil Rights Movement in the United States, 1955-1975 3 Credits
- HIS 366 - American Business History 3 Credits
- HIS 416 - History of Presidential Elections II 3 Credits
- HIS 439 - Later Constitutional History 3 Credits
- HIS 485 - Seminar: The History and Culture of the Cold War 3 Credits
- HIS 486 - Seminar: The West in the American Imagination 3 Credits

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*

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:

1. Fine Arts: An additional three semester hours, consisting of any course chosen from a variety of approved and so designated fine arts courses.
2. Foreign Language: Twelve semester hours, normally from one language.
3. 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.

Please 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.

Important Notes:

1. 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.
2. Prospective humanities students should begin the foreign language sequence in the second year if not earlier, for two reasons:
 - a. Students who wish to change from one foreign language to another will still have time to complete the four-course requirement.
 - b. 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.
3. It is recommended that prospective humanities students complete ARH 106 - Art History Survey to satisfy the Core Curriculum requirement in fine arts.

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.

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.

Latin American Studies

Contact Information

Phone: 401.865.2647
Fax: 401.865.1193
Location: Ruane Center for the Humanities 113

The Faculty

Professor

Nicholas V. Longo, Ph.D. (Global Studies/Public and Community Service Studies)

Associate Professors

Kara B. Cebulko, Ph.D. (Sociology/Global Studies)
Nuria Alonso García, Ph.D. (Global Studies/Secondary Education)
Edgar Mejía, Ph.D. (Foreign Language Studies)
Carmen A. Rolon, Ed.D. (Secondary Education/Women's Studies)
Sister Leslie Ellen Straub, O.P., Ph.D. (Anthropology)
Eve Veliz Moran, Ph.D. (Sociology)

Assistant Professors

Alison Caplan, Ph.D. (Foreign Language Studies)
Rev. David T. Orique, O.P., Ph.D. (History), *Director*
Monica Simal, Ph.D. (Foreign Language Studies)

The Program

This program leads to a minor in Latin American studies. The Latin American Studies Program provides the student the opportunity to develop a general knowledge of Latin America through an interdisciplinary approach in the areas of foreign language studies, anthropology, history, sociology, and political science. The program has supported for more than 20 years the participation of 10 students in the annual Model Organization of American States in Washington, D.C. Because the Latin American Studies Program is interdisciplinary, students can expect to have their program of studies tailored to their individual needs. For further information, please contact Rev. David T. Orique, O.P. or visit <http://www.providence.edu/latin-american-studies/Pages/default.aspx>.

Minor

Students who wish to supplement their major with a systematic survey of Latin America may elect the minor in Latin American studies. The minor requires 18 credit hours, with no language competence requirement, distributed in the following manner:

- Four courses (3 credits each) from the following areas: anthropology, foreign language studies, global studies, history, political science, or sociology, for a total of 12 credits.
- A senior capstone seminar in Latin American studies, 3 credits.
- One additional (3 credit) course from anthropology, foreign language studies, history, or political science, with the provision that this course cannot also count toward the student's major. (Example: A political science major may not take a political science course as the final three credits toward the minor in Latin American studies.)

Required Courses

Requirements for a minor in Latin American studies must be taken from the following list. However, under special circumstances, the advisor of the Latin American Studies Program may authorize an appropriate substitute course, such as a tutorial or a special topics course.

- APG 321 - Latin America: Mexico and Central America 3 Credits
- APG 322 - Latin America: South America 3 Credits
- LAS 460 - Tutorial in Latin American Studies 1-4 Credits
- LAS 480 - Senior Seminar in Latin American Studies 3 Credits
- LAS 495 - Independent Study 1-3 Credits
- PSC 336 - Latin American Politics 3 Credits
- PSC 484 - Seminar on Latin America 3 Credits
- SPN 212 - Hispanic Civilizations 3 Credits
- SPN 305 - The Hispanic Short Story 3 Credits
- SPN 309 - Hispanic Caribbean Literature and Culture 3 Credits
- SPN 322 - Survey of Spanish-American Literature 3 Credits
- SPN 408 - Contemporary Spanish-American Novel 3 Credits
- SPN 417 - Spanish-American Literature 3 Credits
- SPN 418 - Spanish-American Novel 3 Credits

Law

Contact Information

Phone: 401.865.2434

Fax: 401.865.1222

Location: Howley Hall 318

Please visit the Academic Resources section of this Catalog for additional information on Pre-Law Advising.

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.

Liberal Arts Honors Program

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.

Required Courses

- HON 101 - Development of Western Civilization I 5 Credits
- HON 102 - Development of Western Civilization II 5 Credits
- HON 201 - Development of Western Civilization III 5 Credits
- HON 202 - Development of Western Civilization IV 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.

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.

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.
Cayla D. McBee, 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

Please 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.

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
- Math majors placed into MTH 132 will have the MTH 131 requirement waived.

Mathematics/Secondary Education

Bachelor of Arts

Please 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.

Required Courses

Other assessment requirements include, but are not limited to, Basic Skills Tests, minimum of 2.5 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
- Mathematics/Secondary Education majors placed into MTH 132 will have the MTH 132 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

Computer Science

Bachelor of Science

Please 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.

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
- 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

Math elective chosen from:

- MTH 215 - Linear Algebra
- MTH 217 - Introduction to Statistics
- MTH 223 - Calculus and Analytical Geometry III
- MTH 307 - Combinatorics
- MTH 317 - Number Theory
- MTH 331 - Graph Theory OR
- MTH 325 - Probability Theory and Mathematical Statistics I

Computer Science: Business Programming

Minor

Required Courses

- MTH 117 - Discrete 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
- 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

Mathematics

Minor

Required Courses

1. One of the following courses:

- MTH 131 - Calculus and Analytical Geometry I 4 Credits
- OR
- MTH 109 - Calculus I 3 Credits

2. One of the following courses:

- MTH 132 - Calculus and Analytical Geometry II 4 Credits
OR
- MTH 110 - Calculus II 3 Credits

3. Foundations of Mathematics

- MTH 290 - Foundations of Higher Mathematics 3 Credits

4. Any three (3) math courses numbered 200 or higher with at least one numbered 300 or higher.

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.

Associate Professors

T.J. Harper, D.M.A., *Director of Choral Activities, Chairperson*

Sang Woo Kang, D.M.A.

Assistant Professors

Patricia W. Cichy, Ph.D., *Program Director of Music Education*

Christopher T. Kelton, D.M., *Director of Instrumental Activities*

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

Please 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.

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

Selected Courses (9 credit hours)

- MSC 303 - Composition 3 Credits
- MSC 305 - Conducting 3 Credits

- MSC 320 - Music in World Cultures 3 Credits
- MSC 321 - History of Church Music 3 Credits
- MSC 322 - History of Keyboard Literature 3 Credits
- MSC 324 - Vocal Repertoire from 1775 to the Present 3 Credits
- MSC 328 - Jazz Studies 3 Credits
- MSC 401 - Post-Tonal Music Theory and Analysis 3 Credits
- MSC 481 - Seminar in Music 3 Credits
- MSC 482 - The Life and Works of Johann Sebastian Bach 3 Credits

Upper-level courses in music require permission of instructor.

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.

Please 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.

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:

1. 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.
2. Completion of at least one practicum experience in an urban setting.
3. 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

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 216 - Music in the Age of Enlightenment 3 Credits
- MSC 223 - Music in the Theater 3 Credits
- MSC 224 - Women and Music 3 Credits
- MSC 227 - History of Jazz 3 Credits
- MSC 229 - Survey of Popular Music 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 321 - History of Church Music 3 Credits

- MSC 322 - History of Keyboard Literature 3 Credits
- MSC 324 - Vocal Repertoire from 1775 to the Present 3 Credits
- MSC 328 - Jazz Studies 3 Credits
- MSC 401 - Post-Tonal Music Theory and Analysis 3 Credits
- MSC 481 - Seminar in Music 3 Credits
- MSC 482 - The Life and Works of Johann Sebastian Bach 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.

Natural Science

The Faculty

Professor

Martin D. Saltzman, Ph.D.

Neuroscience Certificate Program

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 I and BIO 104 - General Biology II 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. 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:

Please 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.

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.

For Biology majors:

1. All requirements for the major, including BIO 360 - Neurobiology and **two** from the following:

BIO 201 - Comparative Anatomy

BIO 205 - Human Anatomy

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

2. 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

PSY 303 - Learning **OR** PSY 324 - Psychology of Abnormal Behavior

3. PSY 405 - Research in Neuropsychology **OR** PSY 426 - Experimental Biopsychology (must have the appropriate prerequisites, PSY 315 - Human Neuropsychology or PSY 326 - Biopsychology)

4. A neuroscience capstone course during senior year.

For Psychology majors:

All requirements for the major, including at least one psychology course from **each** of the following groups:

- PSY 315 - Human Neuropsychology **OR** PSY 326 - Biopsychology
- PSY 405 - Research in Neuropsychology **OR** PSY 426 - Experimental Biopsychology
- PSY 303 - Learning **OR** PSY 324 - Psychology of Abnormal Behavior
- PSY 316 - Cognitive Psychology, PSY 325 - Health Psychology **OR** PSY 482 - Drugs and Behavior

The following biology courses are required:

- BIO 103 - General Biology I
- BIO 104 - General Biology II
- 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 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
- A neuroscience capstone course during senior year.

Philosophy

Contact Information

Phone: 401.865.2335

Fax: 401.865.1449

Location: St. Catherine of Siena Hall 105

The Faculty

Professors

Peter R. Costello, 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.
Christopher Arroyo, Ph.D.
Giuseppe Butera, Ph.D.
Angela Licia Carlson, Ph.D.
Joseph K. Cosgrove, Ph.D.
Edmund Dain, Ph.D.
Rev. Nicholas Ingham, O.P., Ph.D.
Anthony K. Jensen, 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.
Raymond F. Hain, Ph.D.
Colin Guthrie King, Ph.D.
Patrick J. Macfarlane, Ph.D.

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, 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.

Please 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.

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.

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

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

Zygmunt J. Friedemann, 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.

Assistant Professors

Matthew P. Guardino, Ph.D.

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

Please 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.

Required Courses

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.

Political Science

Minor

Required Courses

- PSC 101 - Politics 3 Credits
- PSC 102 - Empirical Political Analysis 3 Credits
- Any four courses chosen from the department's offerings.

Psychology

Contact Information

Phone: 401.865.2435

Fax: 401.865.1227

Location: Albertus Magnus Hall 116

The Faculty

Professors

Theodore N. Bosack, Ph.D., Emeritus

Thomas J. Guilmette, Ph.D., ABPP-CN

Michael D. Spiegler, Ph.D.

Associate Professors

Christopher M. Bloom, Ph.D.

Mary E. Harmon-Vukic, Ph.D.

Mary K. O'Keeffe, Ph.D., *Chairperson*

Jennifer L. Van Reet, Ph.D.

Assistant Professors

Eliane M. Boucher, Ph.D.
Rev. Joseph J. Guido, O.P., Ed.D.
Saaid 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.

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.

Please 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.

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 - Learning 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 - Animal Learning 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 481 - History of 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 - Psychology in Human Services 4 Credits
- PSY 490 - Independent Study 4 Credits
- Neuroscience Capstone (Offered by the psychology (PSY 470-472) and biology (BIO 475) 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 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 Professor

Joseph P. Cammarano, 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.

The Requirements

Public Administration Core

- PSC 211 - Public Administration 3 Credits
- PSC 318 - American Public Policy 3 Credits
- PSC 419 - Public Program Evaluation 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

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.

Julia S. Jordan-Zachery, Ph.D.

Nicholas V. Longo, Ph.D., *Chairperson*

Keith Morton, Ph.D.

Raymond L. Sickinger, Ph.D.

Associate Professors

Joseph P. Cammarano, Ph.D.

Assistant Professors

Kendra R. Brewster, Ph.D.

Dana L. Dillon, Ph.D.

Michael L. Hayes, Ph.D.

Public and Community Service Studies

Bachelor of Arts

The Feinstein Institute for Public Service is the home of the Department of Public and Community Service Studies, which offers an interdisciplinary program of study leading to the degree of bachelor of arts.

The fundamental mission of the Feinstein Institute for Public Service is to provide the students of Providence College with an educational experience within our liberal arts curriculum that prepares them to become builders of human communities and responsible citizens of a democratic society. The mission of service flows from the understanding of the Judaeo-Christian heritage that all human beings, as sons and daughters of the living God, are called to serve one another. The educational vision of the institute is built upon the unique Catholic tradition of the Dominican Order, which calls upon all persons to bear witness to the human and social dimensions of their religious faith as expressed in the Mission Statement of Providence College and Alan Shawn Feinstein's dream of educating the young about the importance of compassionate service.

Consistent with the mission of Providence College and the Feinstein Institute, the major in public and community service studies involves a systematic and rigorous study of the major conceptual themes of community, service, compassion, public

ethics, social justice and social change, and leadership. The principal goal of the major is to provide students the tools with which to become fluent in these conceptual themes in both their academic and practical dimensions: students will learn community building and sustaining skills, community action research skills, and will become fluent with models of leadership. To achieve this in a liberal arts tradition, the major will emphasize critical thinking, analytic and communication skills, and public problem solving in all its students. In addition, the major will include: a strong field experience component, a strong ethical component, and a strong reflection and analysis component.

The Department of Public and Community Service Studies endeavors to:

- Provide students with a foundation in Catholic social principles and the Judaeo-Christian tradition of social justice as they apply to public and community service;
- Provide firm grounding in the concepts of citizenship, ethical behaviors, and the value of democratic institutions, as well as the recognition of contributions made by diverse people in a democratic society;
- Enable students not only to understand change but to become agents of change;
- Develop leadership skills;
- Provide decision-making opportunities in complex circumstances;
- Develop each student's ability to communicate effectively both in written and spoken word as well as using the tools of mass communication;
- Provide students with concepts and skills in community-centered analysis and action research; and
- Instill an understanding of the interdisciplinary nature of the study of public and community service.

Please 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.

Required Courses

A. The Foundational Courses (six courses, 18 hours)

1. PSP 101 - Introduction to Service in Democratic Communities
2. PSP 202 - Foundations of Organizational Service
3. PSP 303 - Community Organizing
4. Cultural Diversity/Cultural Boundaries in Community Service. Options for fulfilling this requirement include:
 - PSP 302 - Diversity, Community, and Service
 - PSC 416 - Race and Politics in the Americas
 - SWK 220 - Diversity and Culture in Social Work Practice
 - SOC 305 - Race and Ethnic Relations
 - SOC 307 - Urban Sociology
 - SOC 324 - Sociology of Women and Men in Society
5. PHL 301 - Ethics, Moral Leadership, and the Common Good
6. THL 376 - Catholic Social Thought

B. Tracks

Understanding the varied academic and professional interests, concerns, and specializations that the major represents, students will choose a track consisting of three courses (nine hours) from the College's course listings outside the Department

of Public and Community Service Studies. Each track stresses integration of conceptual and methodological materials from other disciplines at the College. While the courses comprising each student's track will be determined by the student, in consultation with a faculty member from the institute and a faculty member from the area the track represents, four representative tracks are as follows:

Not-for-Profit Management Track

This track will emphasize the skills and conceptual tools — derived from disciplines such as management, marketing, finance, and accounting — essential to anyone interested in the not-for-profit organizations and their work.

Humanities Track

This track will explore the philosophy, theology, arts, literature, and culture of community service, with a view toward integrating students' appreciation and analysis of the relationship among culture, values, and community, all as they relate to public service.

Social Science/Policy Analysis Track

This track will allow students to examine the connections between community service and larger social and public policy questions. Students may choose a specific policy interest for their emphasis (e.g., public health, education, science, and technology) or may craft a more general group of courses to make up the track.

Environmental Problems Track

This track will permit the exploration of environmental issues and problems through courses drawn from the physical sciences as well as the humanities.

It will be the student's responsibility, in conjunction with faculty advisors, to demonstrate the relationship of the track to the major and to show how the track of courses chosen deepens understanding of the particular subject area in relation to service. As such, students will normally not be allowed to use three introductory- or survey-level courses to comprise the track.

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. The Capstone Experience (two semesters, 6 credits)

- PSP 480 - Capstone Seminar 3 Credits
- PSP 481 - Capstone Seminar 3 Credits

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 303 - Community Organizing 3 Credits
- Cultural Diversity/Cultural Boundaries in Community Service 3 Credits*
- PSP 480 - Capstone Seminar 3 Credits
- PSP Elective - Any 1 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

Social Science

Contact Information

Phone: 401.865.2517

Fax: 401.865.2232

Location: Howley Hall 108

The Faculty

Associate Professor

Sister Leslie Ellen Straub, O.P., Ph.D., *Program Director*

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. Students work individually to plan the course of study, in conjunction with the Director of the Program, who currently serves as Faculty Advisor.

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).

Three of the social science disciplines included in the Program must be selected for emphasis, following the model of a minimum of three courses in two of the disciplines and two courses in the third.

At least six courses must be at the upper-division level, designated in the Social Science Program as offered at the 300-400 level.

For descriptions of courses other than SSC 480- Social Science Capstone Seminar, please see the section for each constituent discipline in the Undergraduate Catalog.

Please 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.

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

Kara Cebulko, Ph.D.
Cedric de Leon, Ph.D., *Chairperson*
Eve Veliz Moran, Ph.D.
Maureen C. Outlaw, Ph.D.

Assistant Professors

Abigail T. Brooks, 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.

Required Courses

Students who major in sociology complete a minimum of 10 courses, including four "core" courses:

1. SOC 101 - Introductory Sociology
 2. SOC 209 - Social Research Methods
 3. SOC 403 - History of Social Thought
- OR**
- SOC 417 - Contemporary Sociological Theory

4. SOC 480 - Senior Capstone Seminar
5. Students also must complete six electives and are encouraged to spread their electives over a wide range of sociological topics.
6. Those students interested in research-related fields or in attending graduate or professional schools are strongly encouraged to take SOC 336 - Social Statistics.
7. Ordinarily, the Research Methods and Theory courses must be completed by the end of the junior year.
8. SOC 450 - Sociology Internship and/or SOC 451 - Women and Family Issues Internship are strongly recommended in the junior or senior year.

Please 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.

Sociology

Minor

Required Courses

1. SOC 101 - Introductory Sociology, 1 semester, 3 credits
2. SOC 209 - Social Research Methods, 1 semester, 3 credits
3. 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.

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

John P. Garrity, M.F.A.

Assistant Professor

James M. Calitri, M.F.A.
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. The Dance Club is open to all and provides student-taught classes plus choreography performance opportunities.

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

Please 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.

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
- TDF 471 - Special Topics in Theatre/Text 3 Credits

Dance and Film courses may also be selected as electives.

Dance

Minor

Required Courses

1. 1. TDF 212 - Modern Dance 3 Credits
- OR
2. TDF 313 - Intermediate Modern Dance 3 Credits
 3. TDF 315 - Dance Composition 3 Credits
 4. TDF 319 - History of Dance 3 Credits
 5. TDF 252 - Crew Experience 1/2 Credit *
 6. 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.

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.

Musical Theatre Concentration

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
- 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, 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**.

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

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*

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.

Arthur P. Urbano, Jr., Ph.D.

Assistant Professors

Rev. John E. Allard, O.P., Ph.D.

Robert J. Barry, Ph.D.

Rev. Peter M. Batts, O.P., Ph.D.

Holly Taylor Coolman, Ph.D.

Dana L. Dillon, Ph.D.

Mahri Leonard-Fleckman, Ph.D.

Rev. R. Gabriel Pivarnik, O.P., S.T.D.

Rev. James G. Sabak, OFM, Ph.D.

Daria E. Spezzano, Ph.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.

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

Please 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.

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

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)

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

Abigail T. Brooks, Ph.D. (Sociology/Women's Studies), *Program Director*

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.

Bachelor of Arts

Required Courses

Students are required to complete 10 courses in women's studies which must include:

1. WMS 101 - Introduction to Women's Studies and
2. WMS 489 - Capstone Seminar: Issues in Women's Studies.
3. At least six of the 10 courses must be at the 300 or 400 level.
4. At least three of the 10 courses must be from WMS courses designated by the director as "Humanities."
5. At least three of the 10 courses must be from WMS courses designated by the director as "Natural or Social Sciences."
6. The remaining two courses must be from the WMS courses designated by the director as "Humanities or Social Sciences."

Please 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.

School of Business

Contact Information

Phone: 401.865.2332

URL: www.providence.edu/business

E-Mail: pcsb@providence.edu

Location: Koffler Hall

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. A certificate program with a concentration in business is offered for non-business majors.

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

1. **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.
2. **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.
3. **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.
4. **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.
5. **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.

Business Core

- ACC 110 - Computer Applications in Business I*
- ACC 111 - Computer Applications in Business II*
- ACC 203 - Financial Accounting
- ACC 204 - Managerial Accounting
- ECN 101 - Principles of Economics: Micro***
- ECN 102 - Principles of Economics: Macro***
- 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 108 - Mathematics for Business Analysis II***
- PHL 202 - General Ethics*** OR PHL 306 - Business Ethics***

* *Two one-credit self-paced courses covering the Microsoft Office Suite.*

** *MTH 217- Introduction to Statistics or higher-level MTH Statistics can be substituted for FIN 217 for Finance Majors.*

*** *Courses may fulfill College Core Curriculum requirements.*

Effective Fall 2017

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.

Effective with the class of 2021, the Math requirement for business majors may be met by one of the following:

- Successful completion of the MTH 107 course
OR
- Achieving the required score on the PCSB finite mathematics proficiency exam AND successful completion of any of the following courses: MTH 108, MTH 109, MTH 131, or MTH 132.

Additional information can be found on the School of Business website.

Honor Societies

Alpha Mu Alpha (AMA)

Beta Gamma Sigma (BGS)

Clubs & Organizations

American Marketing Association (AMA)

Beta Gamma Sigma (BGS)

Future Friar Executives Board

PC Lifestyle & Fashion

PCSB Student Mentor Program

Providence College Accounting Association

Providence College Entrepreneurship Society

Providence College Finance Society

Providence College Women in Business

Accountancy

Contact Information

Phone: 401.865.2332

Fax: 401.865.2978

Location: Koffler Hall 115

The Faculty

Professor

Christine E. Earley, C.P.A., Ph.D., *Chairperson*

Ann Galligan Kelley, C.P.A., M.B.A., C.A.G.S.

Associate Professor

Matthew J. Keane, C.P.A., Ph.D.

Patrick T. Kelly, Ph.D.

Michael Kraten, C.P.A., Ph.D.

Assistant Professors

Julia M. Camp, C.P.A., Ph.D.

Sonia Gantman, Ph.D.

Carol A. Hartley, C.P.A., M.B.A.

Judith M. Morse, M.S.T.

Stephen J. Perreault, Ph.D.

Instructor

Stephen G. Kuselias, C.P.A., M.S. (Ph.D. candidate)

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 www.providence.edu/BUSINESS/accountancy.

Please 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.

Required Courses

- ACC 110 - Computer Applications in Business I 1 Credit
- ACC 111 - Computer Applications in Business II 1 Credit
- 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
- ECN 101 - Principles of Economics: Micro 3 Credits
- ECN 102 - Principles of Economics: Macro 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 108 - Mathematics for Business Analysis II 3 Credits

Students transferring from Finance may substitute MTH 217 for FIN 217.

Accountancy

Minor

Students entering in the minor must have a GPA of at least 2.0.

Required Courses

- ACC 203 - Financial Accounting 3 Credits
- ACC 110 - Computer Applications in Business I 1 Credit
- ACC 204 - Managerial Accounting 3 Credits
- ACC 111 - Computer Applications in Business II 1 Credit
- ACC 310 - Intermediate Accounting I 4 Credits
- ACC 311 - Intermediate Accounting II 4 Credits
- ACC 301 - Cost Accounting 3 Credits

One (1) of the following:

- ACC 401 - Federal Income Taxes 3 Credits

OR

- ACC 406 - Taxes and Business Decisions 3 Credits

Elective

An elective in accounting numbered 300 or higher (excludes ACC 401 and ACC 406).

Business Studies Program

Certificate

Contact Information

Phone: 401.865.2656

Fax: 401.865.2978

Location: Koffler Hall 215

The Faculty

Professor

Ann Galligan Kelley, C.P.A., M.B.A., C.A.G.S., *Director*

When selecting a major, it is important that students discover their passion and interests. It is not necessary or even preferable for a student to major in business in order to obtain their desired career goal in business upon graduation. The objective of the Business Studies Program is to give students the opportunity to elect a non-business major while also obtaining a broad business background for a career or future studies in business. As an example, if a student has a strong interest in Psychology, that student would select Psychology as a major. The student would then utilize elective courses to complete the seven course requirements of the Business Studies Program. Upon graduation, the students who pursue the program will receive a degree in their major area (Psychology in the example we have given) along with the Certificate in Business Studies. An internship is NOT required but is strongly encouraged. Many alumni of the Program have gone on to have successful careers in Marketing, Human Resources, Hospital Administration, Finance, Education, Management, Information Technology, Publishing, Banking, Insurance and graduate schools including Medicine, Dental, MBA and Ph.D. Programs.

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 - American Business 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.*

- SOC 340 - Organizations in Society 3 Credits

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. Information packets and applications forms are available from Koffler Hall or by email request.

Finance

Contact Information

Phone: 401.865.2332

Fax: 401.865.2978

Location: Koffler Hall 115

The Faculty

Professors

Ronald P. Cerwonka, Ph.D., Emeritus

M. Cary Collins, Ph.D., *Michael A. Ruane Endowed Chair for Innovation in Business Education*

Gregory Lu Light, Ph.D.

Vivian O. Okere, Ph.D., *Chairperson*

David A. Zalewski, Ph.D.

Associate Professor

Alli Nathan, Ph.D.

Liu Wang, Ph.D.

Assistant Professors

Wendy Chen, Ph.D.

Teodros Getachew, Ph.D.

Jonathan E. Jackson, Ph.D.

Marcin W. Krolikowski, Ph.D.

Paul J. Maloney, C.P.A., C.F.P., M.B.A.

Michael T. Shafer, Ph.D.

Edward Szado, 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.

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:

ACC 310 - Intermediate Accounting I

ACC 311 - Intermediate Accounting II

FIN 420 - Corporate Treasury Management

FIN 440 - Options and Futures and

FIN 445 - Portfolio Management

Students may also enroll in the two-semester courses of FIN 495 - Student Managed Investment Fund I & FIN 496 - Student Managed Investment Fund II.

Please 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.

Required Courses

- ACC 110 - Computer Applications in Business I 1 Credit
- ACC 111 - Computer Applications in Business II 1 Credit
- ACC 203 - Financial Accounting 3 Credits
- ACC 204 - Managerial Accounting 3 Credits
- ECN 101 - Principles of Economics: Micro 3 Credits
- ECN 102 - Principles of Economics: Macro 3 Credits
- FIN 207 - Managerial Finance I 3 Credits
- FIN 210 - Introduction to the Finance Profession 1 Credit
- FIN 218 - Financial Markets and Institutions 3 Credits
- FIN 308 - Managerial Finance II 3 Credits
- FIN 317 - Investments 3 Credits
- FIN 419 - International Finance 3 Credits
- FIN 480 - Seminar in Finance 3 Credits

(1) Finance Elective:

- FIN 420 - Corporate Treasury Management
- FIN 440 - Options and Futures
- FIN 445 - Portfolio Management
- 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
- FIN 310 - Operations Management 4 Credits
- MGT 301 - Organizational Behavior 3 Credits
- MGT 330 - Legal Environment for Business I 3 Credits
- MTH 108 - Mathematics for Business Analysis II 3 Credits

MTH 109 - Calculus I & MTH 110 - Calculus II is recommended in lieu of MTH 108 for students with suitable math aptitude.

- MTH 217 - Introduction to Statistics 3 Credits
OR
- FIN 217 - Statistical Analysis for Business Decisions I 3 Credits

- MKT 205 - Principles of Marketing 3 Credits

- PHL 306 - Business Ethics 3 Credits
OR
- PHL 202 - General Ethics 3 Credits

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 308 - Managerial Finance II 3 Credits
- FIN 211 - Personal Financial Planning 3 Credits
- FIN 320 - Insurance and Risk Management 3 Credits
- FIN 325 - Entrepreneurial Finance 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

Management

Contact Information

Phone: 401.865.2332

Fax: 401.865.2978

Location: Koffler Hall 115

The Faculty

Professors

Matthew Eriksen, Ph.D.

Sylvia Maxfield, Ph.D.

Pamela D. Sherer, Ph.D.

Associate Professors

David P. McIntyre, Ph.D., *Chairperson*

Assistant Professors

Joseph A. Gemma, M.B.A.

Thomas R. King, Ph.D.

Deirdre G. Snyder, Ph.D.

Arati Srinivasan, D.B.A.

Instructor

Christopher J. Lyddy, M.C.P. (Ph.D. candidate)

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.

Please 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.

Required Courses

- ACC 110 - Computer Applications in Business I 1 Credit
 - ACC 111 - Computer Applications in Business II 1 Credit
 - ACC 203 - Financial Accounting 3 Credits
 - ACC 204 - Managerial Accounting 3 Credits
 - ECN 101 - Principles of Economics: Micro 3 Credits
 - ECN 102 - Principles of Economics: Macro 3 Credits
 - FIN 207 - Managerial Finance I 3 Credits
 - FIN 217 - Statistical Analysis for Business Decisions I 3 Credits
 - *Students transferring from Finance may substitute MTH 217 - Introduction to Statistics for FIN 217.*
 - 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
 - (2) Management Electives (MGT 450 - Internships is encouraged)
 - MTH 108 - Mathematics for Business Analysis II or higher
 - MKT 205 - Principles of Marketing 3 Credits
-
- PHL 202 - General Ethics 3 Credits
OR
 - PHL 306 - Business Ethics 3 Credits

Marketing

Contact Information

Phone: 401.865.2332

Fax: 401.865.2978

Location: Koffler Hall 115

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.

Assistant Professors

Sarah Alhouti, Ph.D.

Deirdre Bird, Ph.D.

Helen M. Caldwell, Ph.D.

Kevin Newman, Ph.D.

Scott A. Wright, 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.

Please 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.

Required Courses

- ACC 110 - Computer Applications in Business I 1 Credit
- ACC 111 - Computer Applications in Business II 1 Credit
- ACC 203 - Financial Accounting 3 Credits
- ACC 204 - Managerial Accounting 3 Credits
- ECN 101 - Principles of Economics: Micro 3 Credits
- ECN 102 - Principles of Economics: Macro 3 Credits
- FIN 207 - Managerial Finance I 3 Credits
- FIN 217 - Statistical Analysis for Business Decisions I 3 Credits
 - *Students transferring from Finance may substitute MTH 217 - Introduction to Statistics for FIN 217.*

- 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 108 - Mathematics for Business Analysis II or higher
- PHL 306 - Business Ethics is recommended

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 201 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.

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: Koffler Hall 115

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.

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

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.

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

Brian M. McCadden, 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.

Education: The Program

Providence College offers three education programs on the undergraduate level: a major in elementary/special education, a secondary education program, and a music education major.

All teacher education programs offered by the College have been approved by the Rhode Island Department of Education, a member of the National Association of State Directors of Teacher Education and Certification (NASDTEC).

Gaining admission to a PC education program is a two-step process.

Step 1: Prospective education majors apply to PC in the same manner as any other student, inclusive of following our test-optional policy. For prospective education majors, not submitting SAT or ACT scores will not exclude you from consideration of admission to Providence College, nor will it negatively impact your acceptance decision.

Step 2: Once a student is admitted to PC and formally declares a desire to become an education major, he or she begins a process of applying for admission to an education program (elementary/special, secondary, or music), which involves passing

introductory classes, completing introductory field experiences, achieving a specific GPA (2.75), and meeting state-mandated standardized testing requirements.

This process begins in freshman year and extends into sophomore year, with formal acceptance occurring after the first semester of sophomore year for elementary/special education, and at the end of sophomore year for secondary and music education.

Standardized Testing Requirement: By the middle or end of their sophomore year at PC, depending on their program, students must pass the SAT, ACT, or Praxis Core at the levels indicated in the charts below. The education programs provide tutorial support for students who do not enter PC with the required scores.

Class of 2016-2018

	Math Score	Reading Score	Writing Score	SAT Composite
SAT	530	530	N/A	1150
ACT	20	24	N/A	N/A
Praxis Core	150	156	162	N/A

Class of 2019-2020

	Math Score	Reading Score	Writing Score	English Score
SAT	520	500	490	N/A
ACT	20	21	N/A	20
Praxis Core	150	156	162	N/A

Students, once admitted to any education program, are required to pass supplemental tests in content knowledge and pedagogical knowledge prior to being approved for student teaching. Passing such tests is required for eligibility for certification in Rhode Island and NASDTEC states with reciprocal agreements.

Teacher Preparation Licensure

Student candidates in each of the three programs are required to complete a specific number of hours of supervised student teaching in order to be licensed in their discipline. Three hundred and sixty clock hours are required for secondary education teacher candidates in biology, chemistry, English, history, mathematics, physics, and foreign languages; 420 clock hours for music education teacher candidates, and 720 clock hours (2 semesters of 360 hours each) for elementary/special education teacher candidates.

Education Diversity Requirements

In helping to prepare future teachers to work effectively with students and families from all cultures and backgrounds, education majors must fulfill the following diversity requirements:

1. Completion of at least one Diversity Proficiency course from outside their education program coursework;
2. Completion of at least one practicum experience in an urban setting;
3. Demonstration of the ability to prepare and implement lessons that include effective strategies for working with students from diverse cultures and backgrounds.

Music Education

For students interested in the music education program, please refer to the [Music Education](#) section of this catalog.

Elementary/Special Education

Education: Elementary/Special

Contact Information

Phone: 401.865.2121

Fax: 401.865.1021

Location: Harkins Hall 328

The Faculty

Professors

Jane P. Callahan, Ph.D., Emerita

Lynne B. Ryan, Ph.D.

Associate Professors

Laurie L. Grupp, Ph.D.

Laura Boynton Hauerwas, Ph.D., *Chairperson*

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.

Anthony M. Rodriguez, 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; earn a B- or better in

EDU 231L, 270L, and 331L; meet Rhode Island Department of Education required scores on the SAT, ACT, or a standardized Praxis 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.

Please 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.

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

Secondary Education

Contact Information

Phone: 401.865.2121

Fax: 401.865.1021

Location: Harkins Hall 328

The Faculty

Associate Professors

Brian M. McCadden, Ph.D.

Carmen A. Rolon, Ed.D.

Associate Professors

Comfort M. Ateh, Ph. 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.

Prospective secondary education students must participate in a formal admissions process to the program either second semester of the sophomore year or first semester of the junior year. Minimally, this process will require students to have and maintain a cumulative grade point average of at least 2.50, earn a "C" or better in all education classes, maintain a grade point average of at least 2.0 in subject area, pass a standardized basic skills test, attend required assessment seminars, and participate in the assessment review process. Unsuccessful applicants will be able to continue their major only in their subject area department.

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.

To be admitted to student teaching as seniors, students must also pass standardized content and pedagogy tests. Please see the Undergraduate Assessment Handbook on our Web site for a thorough description of these requirements.

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 as follows:

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 412 - Teaching Science in Secondary Schools 3 Credits
EDU 414 - Teaching History & Social Studies in Secondary Schools 3 Credits

EDU 415 - Teaching Modern Languages in Secondary Schools 3 Credits

OR

EDU 416 - Teaching Mathematics in Secondary Schools 3 Credits

EDU 411L - Teaching English in Secondary Schools Field Experience 1 Credit
EDU 412L - Teaching Science in Secondary Schools Field Experience 1 Credit
EDU 414L - Teaching History & Social Studies in Secondary Schools Field Experience 1 Credit

EDU 415L - Teaching Modern Languages in Secondary Schools Field Experience 1 Credit

OR

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

- Please see the Education Programs section of this catalog for important admission information.
- Core Curriculum proficiencies met by completing the Secondary Education Program are civic engagement (EDU 301) and oral communication (EDU 450).
- A variety of study abroad opportunities are available for students in the program.
- For a list of additional education courses, please refer to the Elementary/Special Education section of this Catalog.

The Secondary Education Programs (biology, chemistry, English, foreign language studies, history, mathematics, and physics) fulfill the Core Focus requirement by virtue of completing all requirements for the degree.

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.
Jessica Mulligan, Ph.D.

Assistant Professors

Deborah I. Levine, Ph.D.
Todd M. Olszewski, Ph.D.

Health Policy and Management

Bachelor of Science

The Health Policy and Management Program (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 program'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.

Graduates of the Health Policy and Management Program at Providence College 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.

Please 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.

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.

Social Work

Contact Information

Phone: 401.865.2125

Fax: 401.865.2232

Location: Howley Hall 119

The Faculty

Associate Professor

Marian Mattison, M.S.W.

Assistant Professors

Susan Grossman, D.S.W.

Michael L. Hayes, Ph.D.

Katherine M. Kranz, Ph.D., *Chairperson*

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, and HIV/AIDS; 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 practicums* 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 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.

Practicum 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.

Practicum Experience

During students' junior and senior years, practicums 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

Please 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.

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 Practicum and Seminar I 4 Credits
- SWK 450 - Social Work Practicum and Seminar II 6 Credits
- SWK 451 - Social Work Practicum 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:

1. SWK 101, 220, 253, 254 should be fulfilled before junior year.

2. The department recommends that majors take BIO 122 at the sophomore level. This course may be credited toward the natural science core.
3. Graduate programs in social work want students to have a course in statistics before beginning advanced standing studies.
4. 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.
5. Students entering Providence College with two to three years of a foreign language, particularly Spanish, are strongly encouraged to continue their language study.

Special Programs

Center for International Studies

Contact Information

Phone: 401.865.2114

URL: www.providence.edu/cis

E-mail: pcabroad@providence.edu

Location: Harkins Hall 215

Adrian G. Beaulieu, Ed.S., *Dean*

The Center for International Studies 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.

International Students and Scholars

The Center 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. The Center also oversees the exchange partnerships with the NEOMA Business School in France and the University of Birmingham in England.

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 Web site 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 student's 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 International Studies by December 1 of the academic year prior to the intended semester(s) 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 international studies.

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. Rotating PC faculty members serve as the faculty resident director for the program each year, and teach alongside local scholars and experts. 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

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
- MIL 402 - Leadership in a Complex World 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 I 4 Credits
- BIO 104 - General Biology II 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 sophomore 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 five 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 Simmons Dean's 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

Wanda S. Ingram, Ed.D., Senior Associate Dean/ Interim Director of Academic Advising

Phone: 401.865.2498

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.

Course Descriptions

Accountancy

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 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

Provides students with a fundamental understanding of financial accounting. Accounting is the language of business, and understanding the basics of accounting is essential to a successful career in the business world. This includes 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 valuation and 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

Develops an awareness of the role of the accounting information system (AIS) in achieving organizational objectives. Explores, in detail, several typical AIS application subsystems, such as revenue/receivables, purchases/payables, inventory, cash receipts/disbursements, and financial planning/reporting. The concepts of risk and control are introduced in the context of the AIS. *Prerequisite: ACC 204 or permission of instructor.*

ACC 401 - Federal Income Taxes

1 semester, 3 Credits

Provides a basic understanding of Federal taxation in general, and Federal individual income taxation, in particular. Includes both manual and computer-assisted research and preparation of individual income tax returns. Tax planning considerations are discussed. *Prerequisite: ACC 203.*

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 441 - Frauds, Scandals, and Scams

1 semester, 3 Credits

Examines the history of accounting frauds, scandals, and scams from the early days of the McKesson-Robbins scandal in the 1930s to the more current frauds of Enron and World Com in the 21st century. This course explores common themes, ethical questions, motivational factors, and prevention. *Prerequisite: ACC 101 or ACC 103; Corequisite: PHL 202 or PHL 306.*

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 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 or minors; ACC 110/111, ACC 310/311, FIN 207, MKT 205, and MGT 301.*

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 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 108 - History of Photography

1 semester, 3 Credits

A history of the development of photography as an art, from its invention in 1839 to the present. *Same as ARH 108.*

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

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

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 226 - Music in the United States

1 semester, 3 Credits

A study of the history of American music from the Colonial period to the present, with special attention given to the interaction between music and society. Analytical listening and comparison will form an important part of the course. *Same as MSC 226.*

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 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 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 ARH 301 and ART 301. Prerequisite: ARH 106 or permission of instructor.*

AMS 304 - American and European Art Since 1945

1 semester, 3 Credits

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 313 - The Power of Whiteness

1 semester, 3 Credits

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 313, SOC 313 and WMS 313.*

AMS 318 - 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 318, SOC 318, and WMS 318.*

AMS 320 - Early American Literature

1 semester, 3 Credits

Examines early American texts, particularly the literature of colonial New England. Inquires how early New World encounters, as recorded and interpreted in the era's autobiographical and other writings, shaped the lives and identities of Native Americans, conquerors, settlers, slaves, and post-Revolutionary Americans. Topics include the impact of emerging print culture on the development of American democracy. *Same as ENG 320.*

AMS 321 - Social Change

1 semester, 3 Credits

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 SOC 321. Prerequisite: SOC 101. Not open to freshmen.*

AMS 325 - 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 325, SOC 325, and WMS 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 345 - 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 345, SOC 345 and WMS 345.*

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, Chesnutt, 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

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 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 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. A service project is normally required. *Same as SOC 411.*

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 450 - Internship

1 semester, 3 Credits

An opportunity for students to broaden their understanding of American history and culture by working as interns at institutions such as the Rhode Island or Newport Historical Society, Peabody Essex Museum, Providence City Hall, Slater Mill Historic Site, or the Providence Maritime Foundation. Internship opportunities within the broad area of communications also are available for students wishing to test out career interests and to develop professional skills.

AMS 470 - Seminar: Special Topics in American Studies

1 semester, 3 Credits

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

AMS 480 - Seminar: The History and Culture of the Cold War

1 semester, 3 Credits

Studies the roots and course of the Cold War, and its impact on domestic culture—Hollywood's response to McCarthyism, the impact of anticommunism on domestic ideology and sexuality, and the implications of America's international anti-Communist crusade on its political institutions. *Same as HIS 485.*

AMS 481 - Seminar: The West in the American Imagination

1 semester, 3 Credits

Focuses on 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; and the economic and environmental history of the region. Study some of the cultural icons that contribute to "imagining the West." *Same as HIS 486.*

AMS 482 - Seminar: Smith Hill: A Study in Community and Place

1 semester, 3 Credits

Serves as an interdisciplinary introduction to community history with emphasis on the concepts of identity, community, and place. It explores these concepts in the broader context of American culture and through the particular history of Smith Hill, a neighborhood adjacent to Providence College.

AMS 483 - Seminar: The Simple Life in American Culture

1 semester, 3 Credits

Explores the cultural history of simple living in America over the last 300 years and the tension between this idea and the dominant cultural emphasis on moral, institutional, political, and economic ideas that argue for high consumption of energy and resources. The focus is on simple living as an element of mainstream culture.

AMS 484 - Seminar: Childhood in America

1 semester, 3 Credits

Explores how American culture has defined and used the concept of "childhood" over the past 200 years, with a particular focus on the ways in which media transformations (literacy, radio, television, video, computers) have affected our ideas about childhood and informed many of the public and private institutions we take for granted.

AMS 486 - Seminar: Making of Modern America

1 semester, 3 Credits

Examines the emergence of "modern" America during the last quarter of the 19th century. Topics will include the impact of industrialization, urbanization, and immigration on all facets of American life and how these influenced art, architecture, music, and literature.

AMS 490 - Independent Study

1 semester, 1-3 Credits

Open primarily to senior American Studies majors. 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 Program Director. *Prerequisite: Permission of the Program Director.*

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 203 - Introduction to Physical Anthropology

1 semester, 3 Credits

An introduction to human evolution and racial variation, with consideration of population dynamics, Darwinian theory, classification and interpretation of fossil evidence, as well as the evolution of culture during the Ice Ages.

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 325 - India: Cultural Studies

1 semester, 3 Credits

Examines substantive and theoretical problems of caste, politics, language, family, social change, religion, and artistic expression in India and the surrounding cultures of Pakistan, Bangladesh, Nepal, and Sri Lanka. Peoples of the sub-continent include traditional, tribal, and "modern" groups in order to understand the multifaceted societies of this vast and influential area of Asia.

APG 327 - Himalayan Cultural Studies

1 semester, 3 Credits

This study of the Himalayan Region includes Nepal, Tibet, Ladakh, Sikkim, Bhutan, and Mongolia. It concerns historico-political, familial, linguistic, religious, and artistic elements of the various cultures; addressing cultural stability and change in relation to each of the people studied through past centuries and in the contemporary period.

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 450 - Field Experience

1 semester, 3 Credits

Offers an opportunity for understanding and growth in knowledge through a cultural setting other than one's own. Students and supervising faculty share responsibilities in preparation, actual time in the field, and the report upon return. The scheduling of the field experience depends on the nature of the project proposed with summer or other vacation periods being the preferred time.

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 - Photography I

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 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 248 - Digital Imaging: Web Animation

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

Through a series of carefully constructed assignments, images of the student's own creation will combine with sound to become professional quality digital animations. Students will draw with the computer, invent visual storytelling concepts, and learn to use interactive development software. 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 II

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 - Photography III: Color Photography

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. *Prerequisite: ART 272 or permission of the instructor.*

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 324 - Sculpture IV

1 semester, 3 Credits

Work done in this course looks toward the senior thesis exhibition. *This course requires six class hours per week. Prerequisite: ART 121.*

ART 325 - Sculpture V

1 semester, 3 Credits

Work done in this course looks toward the senior thesis exhibition. *This course requires six class hours per week. Prerequisite: ART 324.*

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 336 - Painting VI

1 semester, 3 Credits

This course requires six class hours per week. *Prerequisite: ART 335.*

ART 344 - Printmaking IV: Advanced Relief/Intaglio

1 semester, 3 Credits

Advanced and experimental work in relief or intaglio, including the use of multiple print media and collage in realizing an image as a unique impression or a limited edition. This course requires six class hours per week. *Prerequisite: ART 242.*

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 IV

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 272 and 273.*

ART 375 - Photography V: The View Camera

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 272.*

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 426 - Sculpture VI

1 semester, 3 Credits

This course requires six class hours per week. *Prerequisite: ART 325.*

ART 446 - Printmaking VI

1 semester, 3 Credits

Advanced image making through an independent study program prearranged with the instructor. This course requires six class hours per week. *Prerequisite: ART 344 or 345.*

ART 456 - Ceramics VI

1 semester, 3 Credits

This class will be based upon student needs. This course requires six class hours per week. *Prerequisite: ART 152.*

ART 470 - 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 478 - Photography VI

1 semester, 3 Credits

Further work in black and white or color; this class will be based upon student needs. This course requires six class hours per week. *Prerequisite: ART 374 or permission of the instructor.*

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.

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 107 - The African-American Artist

1 semester, 3 Credits

An introduction to African-American achievements in the visual arts, especially painting, from Colonial times to the present. *Same as AMS 107 & BLS 107.*

ARH 108 - History of Photography

1 semester, 3 Credits

A history of the development of photography as a visual art form, from its invention in 1839 to the present. *Same as AMS 108.*

ARH 109 - The History of Prints

1 semester, 3 Credits

A history of the printmaking media from the invention of paper in second century, A.D., China to the printmaking renaissance of contemporary America. *Prerequisite: ARH 106 suggested.*

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

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 211 - The Arts of Southeast Asia

1 semester, 3 Credits

A study of the varied artistic achievements of Southeast Asian countries from earliest times to the present. The arts of Burma, Cambodia, Indonesia, Laos, Thailand, and Vietnam will be examined in relation to their historical and cultural context.

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 302 - Nineteenth Century European Art

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

An exploration of major movements in European art, from the French Revolution to 1900. *Prerequisite: ARH 106.*

ARH 304 - American and European Art Since 1945

1 semester, 3 Credits

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

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 307 - From Abraham to Alexander: The Art and Archaeology of the Ancient Middle East

1 semester, 3 Credits

Introduction to the art and archaeology of ancient Middle Eastern cultures that formed the milieu for the Old Testament Hebrews. Translated texts supplement the analysis of Mesopotamian and Egyptian artistic achievements. Students learn Egyptian and Mesopotamian art from 3500 B.C. to the advent of Christianity.

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 444 - Sacred Space in Judaism, Christianity, and Islam

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

Students examine sacred spaces within Judaism, Christianity, and Islam, and analyze how architectural elements- boundary markers, altars, Torah shrines, mihrabs- generate categories of sacred/profane, pure/impure, and inclusion/exclusion. Students employ interdisciplinary approaches from art history, anthropology, women's studies, and religion, and encounter diverse communities in off-campus visits to churches, synagogues, and mosques. *No prerequisites; previous art history or theology courses encouraged.*

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 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 200 - Asian Perspectives

1 semester, 3 Credits

Traditional and modern Asian cultures will be studied from various perspectives. A team-taught interdisciplinary course that surveys historical development, the arts, religion, economics, and politics of such countries as India, Tibet, China, Korea, Japan, and countries of Southeast Asia. Course helps students gain appreciation for the rich historical and cultural diversity of Asia and of its continuing importance in the world today.

AST 480 - Asian Perspective Seminar

1 semester, 3 Credits

Topics discussed vary each semester. Each interdisciplinary seminar examines one Asian country from various perspectives. An introduction to the early history of the culture in relation to its neighbors will serve as a background. Considers the arts, economics, history, philosophy, political science, and other social sciences, and studies how these disciplines have impacted the people of the country. Emphasis placed on contemporary culture, including the "diaspora."

Biology

BIO 103 - General Biology I

1 semester, 4 Credits **Core Foundation/Proficiency:** Natural Science

Introductory course intended for science majors. Cell structure, function, and energetics are considered from the molecular and chemical viewpoints. The characteristics of the gene and reproduction are introduced as well as cell differentiation, pathogenesis, and growth. Laboratory work consists of manual and visual experience with selected areas of the topics listed. 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 II

1 semester, 4 Credits **Core Foundation/Proficiency:** Natural Science

Represents the second semester of the introductory biology course intended for science majors. Materials covered include the biology of populations and communities; including topics in evolution and their ecological interrelationships. 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: BIO 103; 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

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 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 209 - Introductory Botany

1 semester, 4 Credits

A survey of the structure, function, and evolutionary relationships of the major plant divisions. Three lectures and one laboratory per week (for which field trips may be substituted). *Prerequisite: Permission of the instructor.*

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

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

Examines a broad spectrum of symbiotic associations – types and characteristics of symbioses, their integrated and interdependent development, biochemistry, physiology, genetics, ecology, and evolution will be considered. *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 how they are regulated. *Biology elective and course for non-science major. Prerequisite: BIO 103 and approval of instructor.*

BIO 230 - Invertebrate Zoology

1 semester, 4 Credits

More than 95 percent of the animals on the planet earth do not have backbones – they are invertebrates. This course investigates principles of animal design and patterns of phylogenetic relationships among the major animal phyla. The course

will combine field and laboratory studies of animal structure and function. *Prerequisites: BIO 103-104 or permission of the instructor.*

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 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 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 403 - Plant Physiology

1 semester, 4 Credits

Designed to provide students with an overview of the functional aspects of higher plants: photosynthesis, nutrition, water balance, growth, developmental, and physiological responses to the environment. Emphasis is placed on emerging research and its applications. The laboratory is designed to acquaint students with current experimental techniques in this field. *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 412 - Microbial Physiology

1 semester, 4 Credits

Designed to introduce students to the physiology of prokaryotic and eukaryotic microbes emphasizing several key model systems: *E. coli*, *B. subtilis*, and *S. cerevisiae*. Emphasis is placed on the molecular underpinnings of microbial physiology. Laboratory introduces students to experimental protocols used in studies involving several microbial model systems. *Prerequisite: BIO 200.*

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 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 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

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

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 210 - Topics in African and African-American History

1 semester, 3 Credits

Black studies begins with black history. African civilization, technology and trade, European colonialism, slavery, the Civil War, Emancipation, Reconstruction, Jim Crow, the northward migration, the civil rights movement, Black Power, and black liberation—these are some important periods and themes that structure historical understanding of Africans in the United States.

BLS 215 - Dimensions of Contemporary Black Life

1 semester, 3 Credits

Social and cultural analysis provides an understanding of the structures and processes of social and political power. This course examines contemporary issues, achievements and problems of African Americans, their families, and their communities, offering both questions and answers about the persistent inequality and conflict that characterize the black experience in the late 20th century.

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 Ethnic Relations

1 semester, 3 Credits

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 313 - 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 313, SOC 313, and WMS 313.*

BLS 320 - Diversity and Culture in Social Work Practice

1 semester, 3 Credits

"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 contacts with others of different cultures in reading, cocurricular exploration, and service learning. *Same as SWK 320.*

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 325 - 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 325, SOC 325, and WMS 325.*

BLS 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 PSC 334.*

BLS 335 - The Economics of the 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 ECN 335. Prerequisite: ECN 101 or ECN 102.*

BLS 344 - History of Africa Since 1850

1 semester, 3 Credits

This survey course 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 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 HIS 346. Satisfies pre-1877 American history requirement for minor.*

BLS 347 - The Civil Rights Movement in the United States, 1955-1975

1 semester, 3 Credits

Examines the heroic civil rights movement, from the Montgomery bus boycott to the Boston bus boycott, and how the civil rights movement in this period developed, challenged, and ultimately defeated the system of legal segregation in the South. The class will study the legal and legislative success of the Civil Rights movement, and its failure to address other important problems, including racial issues outside the South. Also examines the split that emerged in Civil Rights Movement, most notably between the reformers led by Martin Luther King, Jr., who focused on non-violence, and the advocates of black nationalism, including Malcolm X and Stokely Carmichael. *Same as HIS 347. Satisfies post-1877 American history requirement for minor.*

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

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 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 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 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

The Capstone Seminar in Black Studies offers reading, writing, and small-group discussion in a particular aspect of black studies. Seminar 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

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 - Chemistry and Life

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

A study of how chemistry affects human life. The course will focus on how chemistry has influenced recent developments in areas such as biotechnology, genetic engineering, and drug development, which are at the frontiers of biology and chemistry. 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 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 402 - Advanced Inorganic Chemistry

1 semester, 3 Credits

A survey of the descriptive chemistry of the elements. In addition, time is devoted to the study of bioinorganic systems, organometallic chemistry, and pollution. (Lectures 3 hours.) *Prerequisite: CHM 401.*

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 452 - Nutritional Biochemistry

1 semester, 3 Credits

Covers biochemical aspects of nutrition, including digestion, absorption, and integrated metabolism of carbohydrates, proteins, and lipids. The role of hormones in feeding, fasting, and exercise is discussed. The components of energy

expenditure and the regulation of body weight are covered. Also covers the politics of our food distribution system including the roles of government and agribusiness.

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 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.

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.

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 180 - Computers in Education

1 semester, 3 Credits

An introduction to computers for the prospective teacher. Topics include the terminology and history of computers and the use of computers as a tutor, as a tool for administrative tasks, and as an aid in problem solving.

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

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 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 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 428 - Computer Graphics

1 semester, 3 Credits

Introduces software techniques and data structures used to implement interactive computer graphics applications. The student will become familiar with both hardware and software components used in graphics. Using a high-level language, the student will implement a collection of graphics procedures that incorporate the ideas of one of the field's main graphics standards. *Prerequisite: CSC 104.*

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.

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 306 - General Economic History

1 semester, 3 Credits

Traces the development of the modern economy from its pre-industrial origins to its contemporary global network of tight commercial and financial linkages. Particular attention is devoted to identifying and accounting for patterns in the broad economic movements of the past three centuries. *Prerequisite: ECN 101 or 102.*

ECN 307 - American Economic History

1 semester, 3 Credits

Examines the structure and ideology of economic change in the United States from Colonial times to the present together with the dynamic development of its economic institutions. The approach is analytical rather than descriptive. Political, social, and cultural events are acknowledged for their influence on economic events and institutions. *Prerequisite: ECN 101 or 102.*

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

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 341 - Urban Economics

1 semester, 3 Credits

Presents an economic view of the structure, functions, and contemporary problems of urban areas. The course is policy-oriented and uses the tools of microeconomics for analytical purposes. The economics of urban problems such as poverty, homelessness, congestion, pollution, and crime are explored. *Prerequisite: ECN 101.*

ECN 342 - Environmental and Natural Resource Economics

1 semester, 3 Credits

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 344 - Economics of Poverty and Discrimination

1 semester, 3 Credits

Examines the underlying causes of poverty and discrimination in the United States. It provides students with the necessary skills to understand the societal consequences of these problems and to evaluate alternative policy proposals. *Prerequisite: ECN 101 or 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 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 380 - Law and Economics

1 semester, 3 Credits

Presents an economic evaluation of the law. It examines the consequences of judicial decisions on the process of resource allocation and evaluates the legal system in terms of its ability to facilitate and achieve economic efficiency. The necessary framework for understanding the evolution of the law and the comparison of alternative legal systems is developed.

Prerequisite: ECN 101.

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 - Econometric Models

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 438 - Introduction to the Theory of Economic Growth

1 semester, 3 Credits

Presents an analysis of the factors that cause an economy to grow. Attention will be given primarily to one- and two-sector models of economic growth. Some emphasis will be put on the effects of technical progress on growth and optimality aspects of growth models. *Prerequisite: ECN 202.*

ECN 440 - Economics of Globalization

1 semester, 3 Credits

This lecture-seminar examines constitutive components of 20th-century global economic integration: trade liberalization, financial globalization, the knowledge economy, and market failures. By the end of the semester, students are expected to be conversant with the descriptive and analytical dimensions of globalization using neoclassical economic theory, including the contributions of leading scholars in the field. *Prerequisites: ECN 201 and ECN 202.*

ECN 449 - Financial Economics

1 semester, 3 Credits

Covers issues critical to the allocation of savings and examines questions related to the efficiency of financial markets and

asset pricing. Individual saver/investor portfolio formation and protection will be thoroughly discussed. Basic principles of financial economics, savings instruments, markets, and intermediaries will be covered as needed. *Prerequisite: ECN 202.*

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 486 - Seminar in Advanced Econometrics

1 semester, 3 Credits

Studies advanced topics in econometrics. Every seminar will include a rigorous discussion of the basic econometric theory needed to develop and analyze models of economic behavior. The student will be expected to write and present a major research paper using statistical analysis. *Prerequisites: ECN 314 and 315.*

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 - Readings and Research

1 semester, 1-3 Credits

Open primarily to senior Economics majors. The student is provided 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 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

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. At the beginning, the course is taught in both sign and voice and, as it progresses, there will be less voice.

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 115 - Concepts of Systems Science

1 semester, 3 Credits

Specifically designed for non-science majors. The course introduces the concept of a system and looks at the properties and features that all systems have in common. General systems principles will be illustrated by specific examples from natural systems: life cycles, entropy, system environments, feedback, and control. The morphology of models and their use will be emphasized.

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 118 - Introduction to Meteorology

1 semester, 3 Credits **Core Foundation/Proficiency:** Natural Science; Physics-Based Natural Science

Intended for non-science majors. The student will use actual data and perform in-class experiments to form a link between the empirical and theoretical aspects of the study of weather in order to appreciate how meteorology is a natural extension of the methods of inquiry used in physics. Numerical work is done, but the primary approach to the course material is conceptual.

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 125 - How Things Work

1 semester, 3 Credits **Core Foundation/Proficiency:** Physics-Based Natural Science

We will attempt to understand the workings of common technical devices in terms of simply physical principles. Examples range from bicycles to rockets, lights to lasers, radios to CDs, and solar panels to electrical power plants. No mathematics beyond algebra and trigonometry will be assumed.

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 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

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 308 - Sixteenth-Century Literature

1 semester, 3 Credits

Surrey, Spenser, Sidney, Shakespeare, Marlowe, and Drayton. The course may include prose romances, especially Sidney's *Arcadia*.

ENG 310 - Milton

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

Samples Milton's works from his early poetry on, culminating in his great epic, *Paradise Lost*. The focus is on Milton's ability to create moving experiences in his verse, as well as his original concerns about 17th-century English culture.

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.

ENG 314 - Spenser

1 semester, 3 Credits

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 320 - Early American Literature

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

Examines early American texts, particularly the literature of colonial New England. Inquires how early New World encounters, as recorded and interpreted in the era's autobiographical and other writings, shaped the lives and identities of Native Americans, conquerors, settlers, slaves, and post-Revolutionary Americans. Topics include the impact of emerging print culture on the development of American democracy. *Same as AMS 320.*

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.).

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

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

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 369 - Women in Literature

1 semester, 3 Credits

Explores great works of fiction, poetry, and drama by women. Critical analysis of literature considers differing forms of literary criticism, including psychoanalytical theory, feminist theory, Marxist criticism, and historicism. Emphasis on the analytical categories of gender, class, race, ethnicity, age, physical condition of writers, and the societies they depict. Victorian to Contemporary writers. *Same as WMS 369.*

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.

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 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 201 - Principles of Finance

1 semester, 3 Credits

An overview of the basic concepts of finance that surveys financial markets and institutions, corporations, and investments. The course emphasizes interest rate determination, financial analysis, capital budgeting, and investment valuation. Not open to finance majors or minors. *Prerequisites: ACC 103 (or ACC 101-102).*

FIN 203 - Monetary Management

1 semester, 3 Credits

The effect of money and monetary policy on economic activity. Particular emphasis will be placed on the relationship between monetary policy and the behavior of financial markets. *Prerequisites: ECN 101-102.*

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.

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 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: MGT 201.*

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 410 - Operations Research

1 semester, 3 Credits

Provides an advanced study of techniques useful in management decision-making. Topics include: strong emphasis on business spreadsheet modeling; classical optimization techniques; linear, nonlinear, and integer programming; network models; dynamic programming; queuing theory; inventory control and production planning models; and Monte Carlo simulation. *Prerequisite: FIN 217 or equivalent.*

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 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

Designed for students who have had prior formal exposure to modern standard Arabic; a continuation of ARB 101. 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

Designed for students who have had prior formal exposure to modern standard Arabic; a continuation of ARB 103. 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.

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 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 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 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, with particular attention to stylistic techniques.

FRN 210 - Conversational French

1 semester, 3 Credits

Designed for students who aspire to engage in normal conversation with confidence, ease, and near-native fluency. Classes are discussion-centered, based on readings and CD's 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 304 - French Culture

1 semester, 3 Credits

A study of contemporary French society through analysis of French customs, values, attitudes, expectations, and responses to various situations and events. *Prerequisites: Two FRN courses at the 200-level or above.*

FRN 307 - French for Business

1 semester, 3 Credits

Intended primarily for students considering careers in international business or foreign service, course provides an active study of commercial, banking, and legal practices and terminology, business letter writing and translating. *Prerequisites: Two FRN courses at the 200-level or above.*

FRN 311 - Masterpieces of French Literature

1 semester, 3 Credits

Recurring themes in French literature are studied through close reading of selected literary masterpieces. Class discussions include examination of the relationship between literary works and the historical and socio-cultural context in which they are produced, as well as the evolution of particular literary themes over the ages. Conducted in English.

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 social/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 401 - French Poetry: Origins Through the Age of Enlightenment

1 semester, 3 Credits

A critical examination of major works of French poetry from the Middle Ages through the 18th century pre-Romantic era. *Prerequisites: FRN 321 and 322.*

FRN 402 - French Poetry: 19th and 20th Centuries

1 semester, 3 Credits

A critical examination of major works of French poetry from early 19th century Romanticism to the modern day. *Prerequisites: FRN 321 and 322.*

FRN 403 - French Theater: Origins Through the Classical Age of Louis XIV

1 semester, 3 Credits

A study of the emergence of theater as a genre, from the earliest *jeux* and *farces* of the Middle Ages through the 17th century Classical Age and the major works of Molière, Corneille, and Racine. *Prerequisites: FRN 321 and 322.*

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.

FRN 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-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 202 - German Conversation II

1 semester, 3 Credits

Intended for students who wish to improve their degree of fluency in German. Students prepare and present oral reports, lead discussions, practice speech patterns, and build vocabulary.

GER 204 - German Culture

1 semester, 3 Credits

A study of contemporary German society through an analysis of the everyday lifestyle, customs, values, attitudes, and unique aspects of the German people. Multimedia materials are used in this course.

GER 212 - German Civilization

1 semester, 3 Credits

A study of German civilization from its beginning to the present day. Attention will be given to history, geography, the arts, politics, and other pertinent areas. A full range of multimedia materials will be used in this course.

GER 301 - Survey of German Literature to 1750

1 semester, 3 Credits

Covers the literature, language, and culture from the German Middle Ages to the 18th century. The student encounters heroic and courtly epics such as *Hildebrandslied*, *Parzival*, and *Tristan und Isolde* as well as political, religious, and *Minnesang* texts. Renaissance and Reformation literature illustrates development of thought and standardization of the language.

GER 302 - German Literature of the Enlightenment and Storm and Stress Periods

1 semester, 3 Credits

Covers the literature of the German Enlightenment and the unique *Sturm und Drang* movement. Aided by CD-ROMs, videos, Web sites, and other multimedia equipment, the student will study works by authors such as Lessing, Goethe, and Schiller.

GER 303 - German Literature of the Classical Period

1 semester, 3 Credits

Covers the literature produced in the era of Weimar Classicism by authors such as Goethe and Schiller. It surveys the meaning of "classicism" and shows how the Classical world influenced 18th-century German culture. Multimedia resources enhance the learning experience.

GER 304 - German Romantic Literature

1 semester, 3 Credits

Involves a study of the romantic literary movement in Germany, with emphasis on the period from 1790 to 1830. The course includes an introduction to the genre and continues with the reading and interpretation of selected literary works within the romantic time frame.

GER 311 - The German Theater

1 semester, 3 Credits

An introduction to the history of the drama and the development of the German theater, followed by a critical study of several major works of German drama. Authors include: Hauptmann, Brecht, Dürrenmatt, Frisch, and others. Conducted in English.

GER 370 - Special Topics in Germanic Studies

1 semester, 3 Credits

Provides students with the opportunity for independent, in-depth study of a particular topic. Topics will vary and may be drawn from current events, literary works, art, music, and other themes. *Prerequisite: Two GER courses at the 200-level or above.*

GER 401 - Introduction to German Drama

1 semester, 3 Credits

Reviews the development of drama as a literary form. Concentrates on the period from 1820 to 1830, which deals with the rise of German drama and includes representative works from authors. The readings of selected dramas will be enhanced by the use of multimedia resources.

GER 402 - Modern and Contemporary German Drama

1 semester, 3 Credits

Includes a study of representative dramatic works from the second period of German drama (1850-1880). A progression from classical to contemporary drama is examined.

GER 403 - Modern German Literature I

1 semester, 3 Credits

A study of the major trends in the evolution of modern German literature as exemplified in the works of Hauptmann, Schnitzler, Kafka, Hesse, and German Expressionism.

GER 404 - Modern German Literature II

1 semester, 3 Credits

A study of contemporary German and Swiss literature with particular emphasis on the works of Thomas Mann, Brecht, Rilke, Frisch, Dürrenmatt, and others.

GER 450 - Internship in Germanic Studies

1 semester, 3 Credits

Offers minors at the advanced level the opportunity to apply and deepen their knowledge of the 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.

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 107 - Intensive Elementary Italian

1 semester, 6 Credits

Concentrates one year's work into one semester. An introduction to Italian as a spoken and written language, the course is designed for students who wish to be fully immersed in the language, and who are motivated to do intensive oral practice, regular laboratory work, reading, and writing exercises.

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 303 - Authors and Works of the Early Renaissance

1 semester, 3 Credits

Designed to provide a comprehensive understanding of the ideals of the early Renaissance through the study of works by major authors, such as Bembo, Ariosto, Machiavelli, and Castiglione, and their brilliant fusion of idealism and realism. Readings will be examined in their historical and cultural context. *Prerequisites: ITA 321 and 322.*

ITA 304 - Authors and Works of the Late Renaissance

1 semester, 3 Credits

Examines the great works of the late Italian Renaissance following the 1527 sack of Rome, with the ensuing political crisis for the Italian states and the papacy. Special attention will be given to Torquato Tasso as well as to the evolution of genres typical of the late Renaissance, including theater, poetry, and historical and didactic treatises. *Prerequisites: ITA 321 and 322.*

ITA 318 - Modern Italy

1 semester, 3 Credits

Examines modern Italian society through a study of its cultural, literary, artistic, historical, and political development in order to provide students with an accurate understanding of the Italians and their contribution to the development of Western Civilization in general. Conducted in English.

ITA 321 - Survey of Italian Literature I

1 semester, 3 Credits

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

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 402 - Risorgimento II

1 semester, 3 Credits

Intends to study the literary production and development of late Romanticism and Verismo during the late 1800s. Attention will focus on the differing aesthetics of Bohemian and Neoclassical poets—such as Carducci, Rovani, Pascoli, D'Annunzio—as well as the master of positive realism, Giovanni Verga. *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 405 - Italian Cinema

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

A chronological examination of Italian cinema from its origin to the present. Emphasis will be on Italian art and history. Major directors will be discussed in the context of historical and theoretical influences. Conducted in English.

ITA 450 - Internship in Italian Studies

1 semester, 3 Credits

Offers majors at the advanced level the opportunity to apply and deepen their knowledge of the 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.

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 the 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 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 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

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 305 - The Hispanic Short Story

1 semester, 3 Credits

Designed to introduce the basic techniques for a critical reading of fictive discourse. It traces the development of the short story in Spain and Spanish America. Special emphasis is placed upon the analysis of contemporary narrative forms and on the variety of reading responses invited by the various fictive styles. *Prerequisites: SPN 321 and 322.*

SPN 309 - Hispanic Caribbean Literature and Culture

1 semester, 3 Credits

An introduction to the ideas, values, and cultural dynamics that shape the Hispanic Caribbean regions and its peoples with emphasis on their literature, music, films, and other cultural manifestations. An examination of distinct identities woven together throughout history to influence the development of contemporary Hispanic Caribbean societies. *Prerequisites: SPN 321 and 322.*

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

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

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 debates 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 405 - Contemporary Hispanic Poetry

1 semester, 3 Credits

A study of the poetics of the avant-garde in Spain and Spanish America. Emphasis will be placed on the various strategies by which the poets reconcile their modernist interest in aesthetic form and their traditional preoccupation with history. *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 410 - Spanish Applied Linguistics

1 semester, 3 Credits

Designed to introduce students to the field of Applied Linguistics and to prepare them to conduct research on the foreign language acquisition process. Offers a contrastive study of the Spanish and English linguistic systems with special emphasis on sociolinguistic differences, and the role that language plays in society. *Prerequisites: At least two 300-level SPN course or above.*

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 480 - Capstone Seminar in Hispanic Studies

1 semester, 3 Credits

Offers graduating majors an opportunity to focus in a comprehensive way on a specific time period or theme in the history of Hispanic world. The subject matter, theories, methodologies and interdisciplinary approaches presented in previous classes will be integrated in order to emphasize the connections between the Spanish, Spanish American and Latino populations. *Prerequisites: SPN 321 and 322.*

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

This course seeks to explore the major concepts and approaches of modern geography (physical, cultural, economic, political, regional, and environmental) and their application in the 21st century. This course 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. *Pass/Fail credit only (Spring 2016/Fall 2016).*

GST 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.*

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 318 - 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 318, SOC 318, and WMS 318.*

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 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 345 - 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 345, SOC 345, and WMS 345.*

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 postcolonialism. 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 354 - 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 354.*

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 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 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 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 350 - Health Care Reform in America

1 semester, 3 Credits

Examines efforts by state and federal officials to control costs and expand access to care in America; students will identify lessons from past campaigns to enact national health insurance to inform future debates over health care reform. Class readings and lectures explore the origins of private health insurance and consider various options for reforming the U.S. health care system. *Prerequisite: HPM 101.*

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 440 - Strategies for Health Promotion and Disease Prevention

1 semester, 3 Credits

Health education encompasses strategies for preventing disease and promoting health in schools, workplaces, patient care settings, and communities. Students explore the theoretical bases for health behavior acquisition, maintenance, and modification. Case studies illustrate the application of theory to the modification of predisposing, enabling, and reinforcing factors which support illness-inducing behaviors. *Prerequisite: HPM 240. Open to HPM juniors and seniors or by permission.*

HPM 445 - Diet, Nutrition, and Obesity in the United States

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

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

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.

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.

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.

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.*

HIS 215 - The Diversity of Latin American Religious History

1 semester, 3 Credits

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.*

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

1 semester, 3 Credits

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

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 225 - Women and the American Experience

1 semester, 3 Credits

Explores the contribution of women to the American historical experience from the beginnings of American history to the Civil War and examines the impact of changes in American politics, economics, and society on the lives of women and their families. *Same as WMS 225. Satisfies pre-1877 American 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. *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. *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. *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 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. *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. *Satisfies non-Western history requirement for major/minor.*

HIS 301 - History of American Involvement in Vietnam

1 semester, 3 Credits

A review of the American involvement in East Asia from World War II through Korea and Vietnam, up to the fall of Saigon in 1975. The course will not only examine the chronology of events and their impact on American society, but also review the recent scholarship and interpretations of this complex and generally ill-understood period of American history. *Satisfies post-1877 American history requirement for minor.*

HIS 303 - Medieval England

1 semester, 3 Credits

Considers the development of England and its culture from Roman times to the age of the Tudors. It examines the legacies of the Romans, Saxons, Vikings, and Normans; the influence of the Christian Church; and the intellectual and artistic developments of medieval England. *Satisfies pre-1715 European 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

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 307 - Europe from 1714-1815

1 semester, 3 Credits

This European survey course covers the period from the death of Louis XIV to the Congress of Vienna. It includes study of

the effects of the Westphalian settlement, struggles for the balance of power in Europe, the Baroque style and the Enlightenment, and the Age of Revolution. *Satisfies post-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 309 - Modern German History

1 semester, 3 Credits

From new nation-state in 1871 to the present economic powerhouse, Germany's history has shaped Europe profoundly in the 20th and the 21st centuries. Study of Germany's unification, its involvement in the imperial project, its participation in WWI, the chaotic Weimar period, Nazism, the division of Germany in the Cold War, and the post-Cold War Germany of the European Union are 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 312 - Nationalism and Independence in Eastern Europe

1 semester, 3 Credits

Examines the rise of nationalism and independence in Eastern Europe from the 18th century to the end of World War I as well as the impact that the region had on Europe as a whole. *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

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. *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 321 - American Diplomatic History I

1 semester, 3 Credits

Examines U.S. diplomatic relations from the American Revolution to the Spanish-American War. Topics will include the principles underlying U.S. policy of avoiding "entangling alliances" and the ways in which American exceptionalism, racism, and republicanism contributed to the expansion of America's boundaries and influence in the 19th century. *Satisfies pre- or post-1877 American history requirement for minor.*

HIS 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. *Satisfies post-1877 American history requirement for minor.*

HIS 323 - The Renaissance

1 semester, 3 Credits

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 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 331 - Medieval Europe I

1 semester, 3 Credits

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 334 - Men and Women in Medieval Society

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

Considers the status, experiences, and opportunities of men and women in the context of marriage, sexuality, and family life influenced from the time of the Roman Republic to the 13th century. Attention also is given to the major impact of the Catholic Church upon the development of marital and familial institutions. *Same as WMS 334. Satisfies pre-1715 European history requirement for major/minor.*

HIS 337 - Ancient World I: Near East and Greece

1 semester, 3 Credits

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 - Ancient World II: Rome

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 347 - The Civil Rights Movement in the United States, 1955-1975

1 semester, 3 Credits

Examines the heroic civil rights movement, from the Montgomery bus boycott to the Boston bus boycott, and how the civil rights movement in this period developed, challenged, and ultimately defeated the system of legal segregation in the South. The class will study the legal and legislative success of the Civil Rights movement, and its failure to address other important problems, including racial issues outside the South. Also examines the split that emerged in Civil Rights Movement, most notably between the reformers led by Martin Luther King, Jr., who focused on non-violence, and the advocates of black nationalism, including Malcolm X and Stokely Carmichael. *Same as BLS 347. Satisfies post-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 postcolonialism. 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 366 - American Business 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 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. *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. *Satisfies non-Western history requirement for major/minor.*

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 421 - History of Russia I

1 semester, 3 Credits

A survey of Russian history from the pre-Russian period to the beginning of the 19th century. Among the topics examined will be Kievan Russia, the Mongol conquest, the rise of Muscovy, the reigns of Ivan the Great and Ivan the Terrible, the Time of Troubles, and the reigns of Peter the Great and Catherine the Great. *Satisfies pre- or post-1715 European history requirement for major/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 438 - Early Constitutional History

1 semester, 3 Credits

Studies the background, drafting, adoption, and interpretation of the U.S. Constitution and its amendments, and the values, ideas, and experiences of Colonial and Revolutionary America that underlay the Constitution in 1787. Examines the changes in demographics, technology, medicine, sentiments influenced its reading and interpretation, and the legal reasoning and historical context of most of the major Supreme Court decisions. *Satisfies pre-1877 American history requirement for minor.*

HIS 439 - Later Constitutional History

1 semester, 3 Credits

A study of the American Constitution from the Progressive Era to the present. *Satisfies post-1877 American history requirement for minor.*

HIS 448 - The Rise and Fall of the Third Reich, 1920-1950

1 semester, 3 Credits

Studies the problems and policies of the Weimar Republic, the rise of Nazism, the career of Adolf Hitler, the history of the Nazi state, the Second World War in Europe, the Holocaust, and the post-war occupation of Germany. *Satisfies post-1715 European history requirement for major/minor.*

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 on Non-Western Topic

1 semester, 3 Credits **Core Foundation/Proficiency:** Diversity; Fine Arts; Oral Communication

Restricted to juniors and seniors.

HIS 482 - Seminar on Non-Western Topic

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 485 - Seminar: The History and Culture of the Cold War

1 semester, 3 Credits

Studies the roots and course of the Cold War, and its impact on domestic culture—Hollywood's response to McCarthyism, the impact of anticommunism on domestic ideology and sexuality, and the implications of America's international anti-Communist crusade on its political institutions. *Same as AMS 480. Satisfies post-1877 American history requirement for minor.*

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 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.*

Labor-Management Relations

LBR 386 - Labor Law

1 semester, 3 Credits

A discussion of the legal framework within which the collective bargaining process takes place. The rights of employees, unions, and management under applicable federal and state laws will be discussed in the context of organizing, electioneering, and bargaining.

Latin American Studies

LAS 460 - Tutorial in Latin American Studies

1 semester, 1-4 Credits

Open primarily to senior Latin American 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 Seminar in Latin American Studies

1 semester, 3 Credits

A capstone seminar for seniors. The seminar will integrate material from previous courses in the program and will stress in-depth research by students. Emphasis will vary from year to year.

LAS 495 - Independent Study

1 semester, 1-3 Credits

Open primarily to senior Latin American Studies minors. 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 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

This course will examine 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 I

1 semester, 5 Credits

An interdisciplinary study of the history, literature, philosophy, theology, art, and music of the West from ancient Mesopotamia to the fall of the Roman Empire.

HON 102 - Development of Western Civilization II

1 semester, 5 Credits

An interdisciplinary study of the history, literature, philosophy, theology, art, and music of the West from the Middle Ages to the late 17th century.

HON 201 - Development of Western Civilization III

1 semester, 5 Credits

An interdisciplinary study of the history, literature, philosophy, theology, art, and music of the West from the late 17th century to the late 19th century.

HON 202 - Development of Western Civilization IV

1 semester, 5 Credits

An interdisciplinary study of the history, literature, philosophy, theology, art, and music of the West from the late 19th 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 students 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 212 - The Development of Modern Biology

1 semester, 3 Credits

An in-depth study of the development of the theory of evolution, which forms the foundation of modern biology. Particular attention will be paid to the manner in which Darwin developed his theory of natural selection and the further development of evolutionary theory in the 20th century.

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 310 - Faith and Experience

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

An investigation of the nature of the religious act, given the secularized setting of modern man. Addresses questions of belief and unbelief in historical perspective. Open to freshmen and upperclassmen in the honors program.

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.*

HON 491 - 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.

LIN 202 - Introduction to Linguistics II

1 semester, 3 Credits

Introduces the study and research of sociolinguistics, and promotes dialogue and understanding of how socio-cultural patterns operate in the dynamics of language change, and linguistic attitudes and behavior. Topics include language, cognition and culture, speech communities and diglossia, language, ethnicity and racism, language, power and solidarity, language and globalization, and the fate of minority languages. May be taken independently of LIN 101, although the two courses together provide a survey of the field.

LIN 306 - Modern English Grammar

1 semester, 3 Credits

Teaches students to analyze Modern English as it is actually spoken and written. Students learn to recognize the subconscious rules they use to fashion sentences and how to use these to write elegantly and incisively. Attention is paid also to the notion of proper usage.

LIN 308 - Sociology of Language

1 semester, 3 Credits

Sociolinguistics examines how language allows individuals to project their identity, controls all social interactions, reveals ethnic and other cultural behaviors, and affects the law, medical encounters, and education. Bilingualism, dialects, gender issues, and paralinguistics, including body motion also are discussed, as is the accuracy of using language data to uncover social divisions within communities. *Same as SOC 308.*

LIN 471 - Topics in Linguistics

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: LIN 201 and LIN 202.*

Management

MGT 101 - Principles of Business Management

1 semester, 3 Credits

A thorough development of decision-making, managerial creativity, and the art of management. The principles of planning, organizing, staffing, directing, and controlling are treated as basic guides to effective management.

MGT 301 - Organizational Behavior

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

Involves the analysis of how people behave both as individuals and as members of groups and organizations. The topics covered in this course include perception, motivation, group dynamics and team effectiveness, leadership, power and politics, decision making, and managing diversity and individual differences.

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 basic study of legal aspects and concerns of the modern business community. Study of legal systems and constitutional law serve as a background. Emphasis is placed upon contracts, agency, partnerships, and corporations as topics.

MGT 331 - Legal Environment for Business II

1 semester, 3 Credits

This course is designed for accountancy majors. It 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

The emphasis is on 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 360 - International Business

1 semester, 3 Credits

This is a survey course to introduce students to the global business environment. Explores the economic, political/legal, cultural, and competitive complexities to conduct business internationally and globally. It discusses and analyzes international and global business practices. *Prerequisites: ECN 102 and FIN 207.*

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 - 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 430 - Managing Workplace Diversity

1 semester, 3 Credits

Explores the opportunities and challenges facing organizations and individuals as a result of the increasingly diverse workforce. It will investigate the changing nature of the workplace through the meaning of diversity; identify managerial challenges in addressing a diverse workforce; and examine individual attitudes, beliefs, and behaviors of key diversity issues. *Prerequisite: MGT 101.*

MGT 450 - Internships

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 480 - Seminar in Management Theory

1 semester, 3 Credits

Analysis of management functions. Emphasis on the study and analysis of various theoretical approaches to planning, organizing, staffing, directing, and controlling an organization in attaining objectives. Historical evolution and assessment of management research. Compares normative assumptions, theories, and methodologies. Explores research strategies on topics of current interest to participants. *Prerequisite: MGT 101.*

MGT 489 - Capstone Seminar in Strategy

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

Stresses the practice of strategic management in organizations. Focuses on strategic decision-making at the corporate, business, and functional levels. Business firms are examined within their respective industries for the purpose of developing and implementing strategies. The case method is the primary analytical tool. *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 310 - Personal Selling

1 semester, 3 Credits

Teaches the background concepts for professional selling applied from behavioral science and ethics. Creating long-term, mutually-rewarding relationships between buyer and seller will be explored. *Prerequisite: MKT 205.*

MKT 311 - Sales Management

1 semester, 3 Credits

Examines the sales manager function as required to manage a field sales organization. Topics include selling strategies, planning, forecasting, budgeting, control; organizing, recruiting, hiring, training, compensating; territory design and management, sales quota techniques, performance evaluation; leadership, motivating, ethics; and accessing and using traditional and electronic secondary information sources. *Prerequisite: MKT 205.*

MKT 335 - Buyer Behavior

1 semester, 3 Credits

Designed to present an overall view of the factors influencing consumer action, consumerism, and current theories of consumer behavior based on factors such as motives, attitudes, dissonance, and psychological and social influences. *Prerequisite: MKT 205.*

MKT 336 - Promotional Strategy

1 semester, 3 Credits

Explores integrated marketing communication and discusses how elements of the traditional promotions mix (advertising, sales promotion, public relations, and personal selling) as well as other, newer alternative forms of promotion (buzz, guerilla, social media, etc.) are most effective when they are coordinated in a consistent, cohesive, and coherent manner. *Prerequisite: MKT 335.*

MKT 340 - Marketing on the Internet

1 semester, 3 Credits

Introduces Internet marketing as an emerging communications tool that is becoming a necessary part of any organization's marketing plan. It explores challenges that marketing managers face in developing effective strategies for new media applications (e-mail, instant messenger, social networking, blogs, websites, search engines). It examines legal, ethical, and public policy issues related to marketing on the Internet. *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

An advanced study of advertising with emphasis on current trends and issues. Special focus given to media planning, as well as the creation of actual advertising campaigns and creative strategy. *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 425 - Marketing for Non-Profit Organizations

1 semester, 3 Credits

Although not highly visible, the not-for-profit sector of the economy is substantial and the contribution of these organizations to society is significant. This course will explore the unique challenges that not-for-profit organizations face in marketing their offering to multiple constituencies. *Prerequisite: MKT 205.*

MKT 426 - International Marketing

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

Marketing techniques and strategies for dealing with international markets are the focus of this course. Problems related to international marketing are studied with due consideration given to promotion, media, legal aspects, and cultural differences. *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

The internship program 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: Permission of the instructor.*

MKT 480 - Marketing Capstone

1 semester, 3 Credits

Capstone course for marketing majors. 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, ACC 203/204, FIN 207, MGT 301, MKT 336, and MKT 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.*

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.*

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.*

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. 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 302 - Topics in Mathematical Logic

1 semester, 3 Credits

An introduction to aspects of logic appropriate to both the mathematics and computer science student. Topics in propositional and predicate logic, formal theories, computability, and meta mathematics will be discussed. *Prerequisite: Calculus or permission of 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 307 - Combinatorics

1 semester, 3 Credits

An introduction to enumerative combinatorics and elementary graph theory. Basic definitions, properties of graphs, trees, cycles and graph labeling problems will be discussed. Also focuses on a variety of fundamental counting principles and techniques (general counting methods for arrangements and selections, generating functions, recurrence relations, inclusion-exclusion, etc.). *Prerequisite: MTH 117 or MTH 290 or permission of chair/instructor.*

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 or MTH 215, or MTH 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 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 301.*

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 301.*

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 301 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 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 391 - 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 396 - 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.

MTH 495 - Research

1 semester, 3 Credits

A continuation of MTH 395-396.

MTH 496 - Research

1 semester, 3 Credits

A continuation of MTH 395-396.

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 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 HIS 202.*

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 216 - Music in the Age of Enlightenment

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

A study of the development of the music of the Classical period within the context of the late 18th century European society, with special emphasis on the lives and the works of Haydn, Mozart, early Beethoven, and on the development of the sonata, symphony, the opera, the concerto, and chamber works.

MSC 223 - Music in the Theater

1 semester, 3 Credits

An examination of the relationship between music and drama. Consideration will be given to the historic aspects of this relationship as well as to specific works in the realm of opera, operetta, and the American musical.

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 229 - Survey of Popular Music

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

Historical survey covering the most important popular styles of music beginning in the late 19th and early 20th centuries to the present—blues, American rock and roll, pop, disco, and heavy metal, among other important genres. There also will be units on composers and/or performers.

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.*

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 321 - History of Church Music

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

A study of the development of music from Gregorian Chant motets to contemporary music including the development of polyphonic choral music as seen in the great anthems and mass settings in the Christian tradition.

MSC 322 - History of Keyboard Literature

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

A study of literature and composers for organ, harpsichord, and piano through listening, background reading, and live performance. Historical aspects from the Baroque to the Modern period will be stressed. Proficiency in an instrument is not required. *Prerequisite: Ability to read music.*

MSC 324 - Vocal Repertoire from 1775 to the Present

1 semester, 3 Credits

Primarily for music majors and minors, this course is a comprehensive survey of songs from the Classical, Romantic, and Modern periods by composers from England, France, Italy, Germany, and the United States. The focus is on the fusion of poetry and music inherent in the form, pronunciation, translation, analysis of text and music, and interpretation. *Prerequisite: MSC 202.*

MSC 328 - Jazz Studies

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

In this course, jazz performers develop basic musical and theoretical concepts and skills. Students study modal scales, tension theory, substitutions, and chromatic harmony as well as repertoires of jazz standards for analysis and performance to become functionally conversant with the jazz language. Solos of great masters also are transcribed, edited, and performed as a foundation for the study of improvisation.

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 401 - Post-Tonal Music Theory and Analysis

1 semester, 3 Credits

Addresses the techniques and materials of post-tonal music with a special emphasis on the analysis of atonal, serial, and centric music. Explores music on the brink of atonality; free atonal music and the classic pitch-class set theory of Allen Forte; 12-tone music and serialism; and linear analysis and voice-leading approaches to post-tonal music. *Prerequisite: MSC 202.*

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 482 - The Life and Works of Johann Sebastian Bach

1 semester, 3 Credits

Students study Bach's development as a composer and player; the various positions held throughout his life; the historical, social, and cultural events and issues that affected his life and works; and the influence and reception of his music. Analyses of works consider the concertante, obbligato, rhetorical, and symbolic principles.

MSC 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 TDF 483. Prerequisites: TDF 109, MSC 101 or 201, and TDF 206.*

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

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

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

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 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 342 - Sources of Philosophical Errors

1 semester, 3 Credits

Designed to engage students in the activity of philosophy by examining certain key philosophical problems from a different vantage point: as mistakes that have been made. *Open to Sophomores, Juniors, and Seniors only.*

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

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 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 434 - Ethical Problems and Technology

1 semester, 3 Credits

Investigates the ethical and spiritual significance of modern technology for human life and the human relationship to nature.

Focuses on the significance of modern technology as such and the future prospects for technological humanity. *Open to Juniors and Seniors only.*

PHL 460 - Tutorial

1 semester, 3 Credits

Open primarily, but not exclusively, to senior Philosophy majors. Small groups of students have the opportunity to explore in depth an advanced topic in philosophy 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.*

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

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

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. Includes basic concepts used in the discipline as well as an introduction to major ideologies. The pedagogy will stress the development of learning-related skills such as writing, oral presentation, use of scholarly sources, and discipline-related computer technology. May require student participation at specific times outside of the normal class period.

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 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 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.*

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 102 and 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.*

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.*

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 Koreans, 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.*

PSC 321 - Chinese Politics

1 semester, 3 Credits

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.

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.*

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.*

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 and 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 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 418 - Comparative Public Policy

1 semester, 3 Credits

A comparison of public policies in industrialized nations. Various explanations of why the mix of public policies varies across polities will be examined.

PSC 419 - Public Program Evaluation

1 semester, 3 Credits

Program evaluation derives from the idea that government and other social programs should have demonstrable results. Students become acquainted with the conceptual issues and primary methods (qualitative and quantitative) for conducting research to evaluate such programs. Students will evaluate a public or private nonprofit program as part of course requirements. *Prerequisite: PSC 102 or other social science department equivalent.*

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 431 - Transitional Justice

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

Transitional justice analyzes the ways in which new democracies deal with the legacies of an authoritarian past. Drawing on contributions from various disciplines (e.g. political science, law, history, sociology, philosophy and the arts,) the course

introduces the main concepts, theories, and institutions of transitional justice, and challenges students to elaborate strategies in the field.

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

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 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 461 - Tutorial

1 semester, 3 Credits

An intensive reading course on a topic to be arranged by a student and a supervising faculty member. Course meets regularly during the semester. There will normally be a major paper assignment as a frame for the readings. Students may count this course only once toward their major or minor requirements. *Prerequisite: For juniors and seniors only. Department chairperson permission.*

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 480 - Seminar on Political Philosophy and Theory

1 semester, 3 Credits

Open, with the consent of the instructor, to juniors and seniors.

PSC 481 - Seminar on Comparative Politics

1 semester, 3 Credits

Open, with the consent of the instructor, to juniors and seniors.

PSC 482 - Seminar on International Security

1 semester, 3 Credits

A study of the ends and means of security for states in the modern world system. Topics include nuclear and conventional deterrence, arms control, conflict management, bargaining, and war termination. *Fulfills the International Relations requirement. Prerequisite: PSC 207.*

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 interconnectedness between subfields of political science. Students critically review concepts, theories, approaches, and methodologies, then employ these to research and complete a substantial research project involving original research, critical review of the literature, 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 interconnectedness between subfields of political science. Students critically review concepts, theories, approaches, and methodologies, then employ these to research and complete a substantial research project involving original research, critical review of the literature, 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 492 - Scope, Methods, and Research in Political Science

1 semester, 3 Credits

Open, with the consent of the instructor, to juniors and seniors.

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 - Learning

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 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, 3 Credits

Students work as an assistant in a faculty member's laboratory, conducting psychological research. Involves 8-10 hours/week and periodic meetings during the semester. Must be taken on a pass/fail basis. May be repeated for credit, but may only be applied to the psychology major once. *Prerequisites: PSY 100 and permission of the instructor.*

PSY 402 - Animal Learning

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 or permission of the instructor. PSY 303 is recommended.*

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

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 both human and animal 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 479 - Special Topics

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

PSY 481 - History of Psychology

1 semester, 3 Credits

This seminar is an historical survey of psychology from its philosophical origins to the present. Emphasis will be placed on the various trends, schools of thought, and individuals who have contributed to the nature of contemporary psychology. *Prerequisites: PSY 202 or permission of the instructor. Junior/senior status.*

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 - Psychology in Human Services

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 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, 3 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 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

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 hands-

on service learning and 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 contacts with others of different cultures in reading, cocurricular exploration, and service learning. *Same as BLS 320.*

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 285 - Current Issues in the Addiction Field

1 semester, 3 Credits

Introduces the ever-changing field of addiction assessment, intervention, and treatment. Addresses the legal and illegal drugs of abuse, the neuroscience of addiction, the identification and assessment of addiction, and best practice approaches. Intends to provide accurate knowledge and experiences regarding alcohol and other drug problems and issues. A social work perspective using a bio-psycho-social approach will be utilized. Students will become familiar with concepts in the addiction field and gain an understanding of 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 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); 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); and

Mental Health and Dysfunction (offers a developmental, dynamic systems approach to understanding psychosocial problems and helping interventions).

SWK 302 - Problems and Practices with At-Risk Children and Families

1 semester, 3 Credits

Examines the social and environmental challenges contributing to the vulnerabilities that place children, youth, and families at physical, medical, and emotional risk for abuse, neglect, school failure, health, mental health, and substance abuse problems. Risk factors are identified, classified, and explored through a multidimensional, multi-systemic approach to understanding through actual case materials. Contemporary treatment interventions and existing services are identified and evaluated.

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 mobilize citizens to obtain collective power, to advocate for current relevant legislation in the R.I. General Assembly, and to complete needs assessments. *Prerequisite: Junior majors only.*

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 Practicum 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 community-based 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 Practicum and Seminar II

1 semester, 6 Credits

First semester of a two-semester practicum, 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 Practicum and Seminar III

1 semester, 6 Credits

A continuation of the senior level practicum 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

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 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 302 - Deviant Behavior

1 semester, 3 Credits

Theories of deviance are explained. Brief surveys of various forms of deviant behavior with an emphasis on the socio-cultural determinants of, and reactions to, such behavior are reviewed.

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 Ethnic Relations

1 semester, 3 Credits

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 313 - 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 313, BLS 313, and WMS 313.*

SOC 316 - Sociology of Education

1 semester, 3 Credits

The main objective is to determine who succeeds and who fails in school and beyond and why. We study the effects of schooling with attention to cognitive and affective outcomes, the problems of providing equal educational opportunity, the determinants of educational attainment, the controversial issue of tracking, and the effects of non-school-related factors upon student achievement.

SOC 318 - 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 318, GST 318, and WMS 318.*

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 Women and Men in Society

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 325 - 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 325, BLS 325, and WMS 325.*

SOC 328 - Juvenile Delinquency

1 semester, 3 Credits

Theories, empirical research, and policies pertaining to juvenile offenders and the juvenile justice system. Sociological approaches to delinquency; the extent and nature of the problem; types of offenders; theories, models, and causes of delinquent behavior; delinquency in the social context of the family, schools, youth subculture, and gangs; status offenders; the juvenile justice system (police, courts, and corrections); and prevention and treatment strategies.

SOC 333 - Environmental Sociology

1 semester, 3 Credits

Explores environmental problems as outcomes of human behaviors influenced by values, attitudes, and beliefs embedded in our social institutions. Examines the roles of individual consumption, cultural norms, science and technology, capitalism, and governments; the complexity of the social factors influencing human uses of the environment; and new ways of seeing the environment and human uses of it.

SOC 336 - Social Statistics

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

Introductory-level course covering techniques and tests commonly used in social research. Students practice using techniques and tests, thinking critically about strengths and weaknesses of each, and learning criteria for choosing among them. Suited to students headed to graduate or professional school or into applied or marketing research.

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 338 - The Criminal Justice System

1 semester, 3 Credits

An examination of the organizations and procedures through which offenders are identified and processed. Topics covered include the police, prosecution and defense attorneys, courts, corrections, and related topics as time permits.

SOC 340 - Organizations in Society

1 semester, 3 Credits

An analysis of bureaucratic organizations in modern society, with particular emphasis on a critical examination of the implications these structures have for society and its members. *Prerequisite: SOC 101 suggested.*

SOC 341 - Sociology of Human Fertility

1 semester, 3 Credits

An analysis of fertility as the major variable explaining changes in the size and characteristics of populations. Particular attention is devoted to human sexuality and family planning and their impact on fertility.

SOC 342 - Computer Applications in Sociology

1 semester, 3 Credits

Provides an intermediate coverage of the use of computer software and large data sets. Assumes that students have had an adequate introductory experience in both research methods as well as an introduction to statistics in some discipline.

SOC 345 - 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 345, GST 345, and WMS 345.*

SOC 347 - 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 347.*

SOC 354 - 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 354.*

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 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 405 - The Changing Family: Questions and Controversies

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

Views the family as a group, social structure, network of roles and statuses, social institution, "lived experience," and a social/public issue. Examines important questions and controversies about families in historical context, using sociological and other perspectives and statistical trends. Analyzes gender, race, class, age, adoption, and sexual orientation as central to students' understanding of changing families in contemporary American and other societies. *Prerequisite: Either SOC 101 or permission of the instructor.*

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 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 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 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.*

SOC 498 - Senior Thesis

1 semester, 3 Credits

A research project designed and executed by a student under the supervision of a faculty advisor.

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 495 - Printmaking Thesis

1 semester, 3 Credits

Required of all studio majors concentrating in printmaking.

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 245 - Guitar Ensemble

1 semester, 1/2 Credit

Designed to study basic ensemble practices and strives to improve sight-reading skills of guitar and electric bass players through the performance of musical styles ranging from the Renaissance to present day. Open to all guitarists and electric bass players and required for majors and minors with a concentration in these instruments.

MSC 247 - Oriana Women's Choir

1 semester, 1/2 Credit

Oriana Women's Choir is open to students with a desire to explore both traditional and multicultural choral repertoire, specifically composed for women's voices. In addition to semester concerts, the Oriana Women's Choir is occasionally invited to perform at special events both on and off campus.

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 442 - Symphonic Winds

1 semester, 1/2 Credit

Group of six to 30 players that performs major wind works from 18th century to the present. Wind Ensemble also can include strings and percussion when repertoire specifies. Music for this ensemble typically calls for a single player on each part. Audition required for eligibility.

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. *Previously offered as TDF 479.*

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

In this course in elementary modern dance technique, students explore some of the creative aspects of movement. Introduces the expression of emotion through movement, dynamics, special 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 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

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 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.*

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 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, 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

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 department 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 department 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 the department 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 471 - Special Topics in Theatre/Text

1 semester, 3 Credits

Provides an opportunity for in-depth study not found in the regular curriculum. Concerned with academic exploration of theatre history, theory, or literature. An advanced class for juniors and seniors and may be repeated for credit. Topics will vary. *Prerequisite: TDF 108 or 202.*

TDF 472 - Special Topics in Film/Video: Studio

1 semester, 3 Credits

Provides a setting to work with the video medium in a hands-on work environment. Academic exploration of film history, theory, analysis, and production also is included. Students produce a video or screenplay according to guidelines established within the context of the course. May be repeated for credit. *Prerequisite TDF 328 or 321.*

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 490-491 - 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 department 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.*

WMS 323 - Women in Film

1 semester, 3 Credits

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 334 - Medieval Christian Theology

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

An exploration of the theological doctrines and spiritual practices that developed from the end of Antiquity until the dawn of the Modern age in relation to non-Christian and non-Western currents of thought; the theological teachings of the diverse traditions operative in the schools, on topics such as faith and reason, redemption and Christ, and the moral and spiritual life. *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 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 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

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 416 - Wisdom Literature

1 semester, 3 Credits

The "wisdom" instruction of Israel, with attention to the themes of "the good" and "the bad"; divine justice in the face of the suffering of the innocent; and the limits of wisdom. The books of Job, Qoheleth, and Sirach will be read and evaluated in detail. *Prerequisites: Completion of the theology core requirements.*

THL 420 - The Resurrection of Jesus

1 semester, 3 Credits

A study of the passion, death, and resurrection of Jesus with special emphasis on the biblical data, the centrality of the mystery in the Christian faith, and the resurrection of Christ as the cause of our resurrection. *Prerequisites: Completion of the theology core requirements.*

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 442 - Theology of Redemption

1 semester, 3 Credits

A study of a central idea in biblical religion: redemption and its related terms — salvation, atonement, and expiation; biblical roots in the Old Testament and their use by New Testament writers; the several New Testament theologies of redemption;

historical theories; satisfaction and liberation theories; and Anselm and Aquinas. *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

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 127 - Genes and Gender

1 semester, 3 Credits

Explores the role of genes in the construction of gender stereotypes. A foundation in both classical and molecular genetics will be laid as the basis for consideration of the extent to which gender is determined by genes and environmental influences. Intended for non-science majors. Open to science majors as a free elective only, with permission of the instructor. *Same as BIO 127.*

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 225 - Women and the American Experience

1 semester, 3 Credits

Explores the contribution of women to the American historical experience from the beginnings of American history to the Civil War and examines the impact of changes in American politics, economics, and society on the lives of women and their families. *Same as HIS 225.*

WMS 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 HIS 226.*

WMS 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 AMS 260 and TDF 260.*

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 313 - 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 313, BLS 313, and SOC 313.*

WMS 318 - 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 318, GST 318, and SOC 318.*

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 Women and Men in Society

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 325 - 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 325, BLS 325, and SOC 325.*

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 345 - 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 345, GST 345, and SOC 345.*

WMS 347 - 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 347.*

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 postcolonialism. 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 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 369 - Women in Literature

1 semester, 3 Credits

Explores great works of fiction, poetry, and drama by women. Critical analysis of literature considers differing forms of literary criticism, including psychoanalytical theory, feminist theory, Marxist criticism, and historicism. Emphasis on the analytical categories of gender, class, race, ethnicity, age, physical condition of writers, and the societies they depict. Victorian to contemporary writers. *Same as ENG 369.*

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 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).*

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