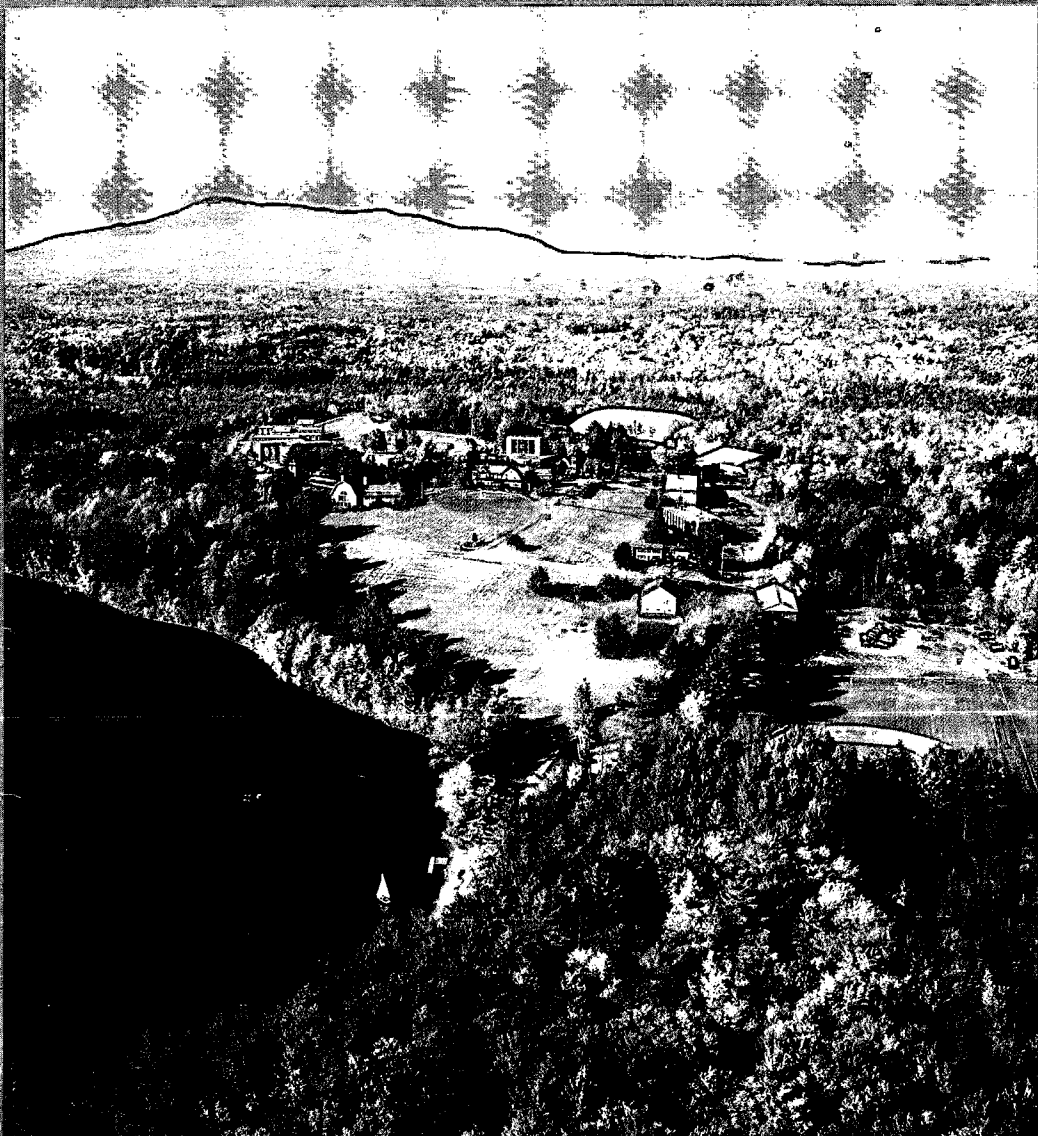


FRANKLIN PIERCE

NEW HAMPSHIRE

Academic Catalogue 2000-2001



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Academic Calendar 2000-2001 *

Fall Semester 2000

Residence Halls Open/New Students Arrive	Saturday, September 2
Orientation for New Students	Sat.-Mon., September 2-4
Returning Students Arrive	Sunday, September 3
Registration for Returning Students	Sunday, September 3
Registration for New Students	Monday, September 4
Classes Begin	Tuesday, September 5
Family Weekend	Fri.-Sun., September 22-24
Fall Break Day	Monday, October 9
Tuesday Classes Follow Monday's Schedule	Tuesday, October 10
Homecoming	Fri.-Sun., October 13-15
Admissions Open House	Saturday, November 11
Last Day of Classes Before Thanksgiving Break	Tuesday, November 21
Residence Halls Re-Open	Sunday, November 26
Classes Resume	Monday, November 27
Classes End for the Semester	Thursday, December 14
Reading Day	Friday, December 15
Final Examinations	Sat.-Wed., December 16-20
Winter Break Begins	Wednesday, December 20

Spring Semester 2001

Martin Luther King Day	Monday, January 15
Residence Halls Open/All Students Arrive	Tuesday, January 16
Orientation for New Students	Tuesday, January 16
Registration for New and Returning Students	Wednesday, January 17
Classes Begin	Thursday, January 18
Presidents' Holiday	Monday, February 19
Last Day of Classes Before Spring Break	Friday, March 16
Residence Halls Re-Open	Sunday, March 25
Classes Resume	Monday, March 26
Admissions Open House	Saturday, April 21
Awards Convocation	Wednesday, May 2
Classes End for the Semester	Wednesday, May 2
Reading Day	Thursday, May 3
Final Examinations	Fri.-Tue., May 4-8
Senior Breakfast	Friday, May 11
Baccalaureate/Senior Reception	Saturday, May 12
Commencement	Sunday, May 13

Summer Sessions

Summer Session I Begins	Monday, June 4
Summer Session I Begins	Friday, June 29
Summer Session II Begins	Monday, July 2
Summer Session II Begins	Friday, July 27

* Details of the calendar are subject to change. Students should consult official class schedules published by the Registrar.

The Franklin Pierce College video presentation has been distributed to 1,400 high schools nationwide. Check with your guidance office or career center to determine if the FPC video is at your school. If not, you may obtain one by calling the College at 1-800-437-0048 or sending an e-mail to: admissions@fpc.edu

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Notice of Nondiscrimination Policy as to Students

Franklin Pierce College admits students of any race, color, gender, national and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the College. It does not discriminate on the basis of race, color, disability, national and ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other College-administered programs.

In compliance with the Family Educational Rights and Privacy Act of 1974, the College guarantees that matriculating students have the right to inspect all personally identifiable records maintained by the College and may challenge the contents and accuracy of those records through appropriate College procedures.

It is further guaranteed by the College that student records containing personally identifiable information will not be released except as permitted by the Family Educational Rights and Privacy Act.

Franklin Pierce College

College Road, P.O. Box 60, Rindge, New Hampshire 03461-0060

Phone Number: 1-800-437-0048 or 1-603-899-4050

Web Site: <http://www.fpc.edu>

A Message from the President

Franklin Pierce College recognizes its highest goal to be the development of intellect and character. That which sets a Franklin Pierce education apart from others is that we demand that our students make contributions far larger than they could have hoped when they arrived.

Our purpose in pursuing our distinct mission of education and service is to prepare leaders of conscience for the next century, whether our graduates' aspirations are global or local. We understand this to be the paramount charge and responsibility of the College.

Franklin Pierce College commits its energies and resources to creating an academic home in the truest sense. Our community educates students from a rich diversity of backgrounds who are committed to advancing their lives and the lives of others through hard work, high standards, and service.

As an academic home, we are recognized as a superior New England regional institution grounded in the liberal arts, the sciences, business, and related professional disciplines. This identity and the mission which animates it has a special influence on the citizens of New Hampshire and north-central New England through the College's Division of Graduate and Professional Studies.



Dr. George J. Hagerty, President, Franklin Pierce College

George Hagerty has received national acclaim for his creative and inspired leadership in higher education, business, and government. In his roles as a senior official and commission member at the national and state levels, Dr. Hagerty has served both Democratic and Republican administrations in guiding education and finance policy, with a particular emphasis on issues of school reform and its impact upon special needs populations. From 1978 to 1985, he served in a series of administrative posts in the U.S. Department of Education, culminating in his appointment as Chief of Compliance and Enforcement in the Office of Special Education Programs.

Prior to assuming the Presidency of Franklin Pierce College, Dr. Hagerty was on the faculty of both Stonehill College and Harvard University, his alma maters. At Stonehill, he also served as the Director of Academic Development and, later, as the Director of Corporate, Foundation, and Government Relations. The author of over thirty book chapters, scholarly articles, opinion pieces, and reports on public policy, institutional development, and school finance, George Hagerty was a senior partner in a Washington, D.C.-based national consulting firm which provided counsel in education, legislation, and finance to a diverse clientele of state governments, national organizations, and institutions of higher education. His work in the interest of promoting grassroots educational reform has led to national recognition and his appointment to a series of prominent corporate and publicly-sponsored panels and governing boards.

Franklin Pierce College

Mission Statement

Franklin Pierce College offers a student-centered higher educational opportunity to individuals committed to academic and personal achievements. The College's academic program is grounded in the liberal arts and sciences—traditional, relevant disciplines vital to contemporary society. A distinctive element of the College is its core curriculum, the Individual and Community, the spirit of which pervades the academic culture of the College. The hallmark goal of Franklin Pierce College is to prepare its students to function well as citizens and leaders of a democratic society. The College recognizes no limits to the potential of its students for future achievement.

Franklin Pierce College admits students with varying levels of past achievement, and, by requiring them to become actively engaged in their own learning, encourages habits of thought and conduct which promote a lifetime of intellectual and personal growth.

The main campus in Rindge serves persons who wish to pursue baccalaureate education in a full-time residential setting. In addition, throughout New Hampshire the Division of Graduate and Professional Studies serves those who seek professional advancement and improvement in the quality of their lives through undergraduate and graduate studies. In all locations, study within one of the disciplines prepares a student for further formal education or for direct entry into a career field. Co-curricular programs, designed to respond to the social, moral, and physical dimensions of development, complement and support the academic programs.

Franklin Pierce College is committed to serving as an educational, intellectual, and cultural resource for the citizens of our region. The College affirms that learning, personal development, and service to others are lifelong commitments requiring continuous initiative. The College, therefore, strives to impress this realization on all its students.

Institutional Overview

Franklin Pierce is a four-year, coeducational, nonsectarian college located in the State of New Hampshire. Approximately 1400 students are enrolled at its main campus in Rindge. This campus covers more than 1000 acres, most of them heavily wooded, and is adjacent to Pearly Pond near the base of Mount Monadnock. In addition, the College operates six Graduate and Professional Studies centers enrolling almost 3000 students. The centers are in Concord, Keene, Lebanon, Nashua, Portsmouth, and Salem.

Rindge Campus

Physical facilities of the main campus include two modern classroom buildings (including a laboratory facility), the library, an academic services center, a campus center, six residence halls, two apartment houses, a townhouse complex, condo apartments, suites, an administrative services building, a field house, an air frame recreation complex, a fitness center, a health center, a theatre and administration buildings. For recreation, there are many lakes and streams, including the Pearly Pond beach facility which is ideal for fishing, swimming, and sailing. There are also numerous trails for hiking, mountaineering, camping and cross country skiing.

Majors and Minors

The College offers the Degrees of Bachelor of Arts and Bachelor of Science. The Associate of Arts degree is awarded in the Professional Studies programs.

Students may major in any of 28 subject areas: Accounting, Advertising, American Studies, Anthropology, Arts Management, Biology, Computer Science, Criminal Justice, Economic Theory, English, Environmental Science, Financial Management, Fine Arts, Graphic Communications, History, Information Technology, International Business, Management, Marketing, Mass Communication, Mathematics, Music, Political Science, Psychology, Social Work and Counseling, Sociology, Sports and Leisure Management, and Theatre Arts. Major requirements generally range from 30 to 54 credits.

Students also have the option of creating a Student-designed (interdisciplinary) major with the help of faculty advisors. See page 166, Student-Designed Major.

To supplement the major field of study, and often to provide additional coursework which has direct career relevance, students also have the opportunity to choose from among 32 minor programs: Advertising, American Studies, Anthropology, Art History, Biology, Biology and Behavior, Business Administration, Chemistry, Computer Information Systems, Computer Science, Creative Writing, Criminal Justice, Dance, Economic Theory, English, Environmental Studies, Fine Arts, General Science, Graphic Communications, History, Mass Communication, Mathematics, Music, Philosophy, Political Science, Psychology, Social Theory, Sociology, Spanish, Sports and Leisure Management, Theatre Arts, and Women's Studies. Students are also able (and are encouraged) to propose interdisciplinary minors built around particular themes of interest.

Several of the majors offer concentrations which provide a specialized track designed to meet particular interests and career objectives. They are as follows:

- In Anthropology Archaeology, Applied Anthropology, and Cultural Anthropology
- In Arts Management Art History, Dance, Fine Arts, Graphic Communications, Mass Communication, Music, and Theatre
- In English Creative Writing
- In Mass Communication Radio, Television, Media Studies, and Journalism
- In Theatre Arts Performance (Acting/Directing/Dance), Design & Technical

Teacher Certification

Teacher certification programs are offered in Art Education, Elementary Education, Biology Education, English Education, Mathematics Education, and Social Science Education.

Post-graduate certification programs are also available for Elementary Education, Art, Biology, English, Math, and Social Science. Education courses are offered at the Rindge campus as well as at several campuses in the Division of Professional Studies.

Activities

Campus activities include a variety of academic and special interest clubs such as the Campus Activities Board, Law Club, Student Senate, Pierce Arrow (newspaper), Raven (Yearbook), Northern New England Review (literary magazine) and the Crimson-Grey Cultural Committee. Bus trips to malls and special events are offered on weekends. Athletic programs meet the needs and interests of most students. They include many recreational and intramural sports. At the intercollegiate level, men compete in baseball, basketball, crew, cross country, lacrosse, golf, soccer, tennis, and ice hockey. For women, basketball, cross-country, crew, golf, lacrosse, field hockey, soccer, softball, tennis, and volleyball are available.

Division of Graduate and Professional Studies

(Formerly Division of Continuing Education)

The Division is comprised of six campuses strategically located in Concord, Keene, Lebanon, Nashua, Portsmouth, and Salem, offering programs designed for the adult student. The Division offers accelerated degree programs for those students who wish to gain their Bachelor's or Associate's degree in as short a time frame as possible. The accelerated degree programs can be completed in one, two, or three years, depending upon the number of credits awarded through advanced standing (see below). Undergraduate programs are scheduled in eight-week terms; Graduate program, twelve-week terms.

Enrollments: Undergraduate – 2,000 Graduate – 200

Undergraduate Studies

Offerings include a Bachelor of Arts Degree with majors in American Studies and Criminal Justice. A Bachelor of Science Degree is offered with a major in International Business. Associate of Arts and Bachelor of Science Degrees are offered with majors in

Accounting, Computer Science, Financial Management, Management, Marketing, and General Studies. The basic requirement for a degree is the successful completion of 60 semester hours for an Associate's degree or 120 semester hours for a Bachelor's degree. These must include the requirements of the College Core, Divisional Core, and of an approved major. A cumulative grade point average of 2.0 is required.

Graduate Studies

The Graduate Studies Program offers a Masters of Business Administration in Leadership degree. The MBA in Leadership program is structured around an 18 month schedule, and may be pursued at all Professional Studies campuses. An MBA in Leadership Speakers Series has been initiated to provide our graduate students with insight from many of our country's political and business leaders.

Paralegal Certificate Program

Paralegal and Nurse-Paralegal Certificate Programs are offered at the Concord, Lebanon, and Salem campuses. Each program includes ten courses and is completed in one year. Offered are nine substantive paralegal courses, a word-processing for paralegals course, and an internship component for interested students. The program prepares qualified students to sit for the prestigious National Certification Exam, sponsored by the National Association for Legal Assistants; in order to be qualified, a Bachelor's degree is required. The paralegal program culminates in a certificate and is open to anyone possessing a high school diploma, or its equivalent. All paralegal course credits are transferable to an Associate's or Bachelor's degree at the College.

Certificate Programs

Certificate programs are designed to meet the needs of students who want to achieve a limited specialty in a particular area of study. Certificate programs in Accounting, Computer Science, Financial Management, Human Services, International Business, Corporate Management, Marketing, and a Career Advancement Certificate, have been designed to give a maximum amount of specialized training with a limited amount of time and course work. Four of the courses required for a certificate must be taken with Franklin Pierce College.

Advanced Standing

Transfer from Other Accredited Institutions

Students may receive credit for courses previously taken at other accredited institutions. Students from Associate-level accredited colleges will receive transfer credit of up to 75 semester hours for grades of "C" or better.

Life Experience Advancement Program (LEAP)

LEAP is designed to help students analyze the knowledge they have accumulated through non-credit classroom experience, work-related experience, and informal experience, such as community service or self-study skills. It is important to note that credit is not granted for the life experience itself, but rather for the learning that has resulted.

Through our Corporate LEAP program, the College will evaluate company-specific training for college credit. Several existing agreements include Delta Dental, Prescott Park, Sullivan and Cogliano. For more information on Corporate LEAP, please call our new Corporate Relations Division at 899-4351.

The Life Experience Advancement Program (LEAP) allows students to request credit for knowledge they have accumulated through non-collegiate classroom, work-related, or personal experiences. When college-level learning is demonstrated, credits may be applied toward graduation. Students prepare a Life Experience Portfolio which is evaluated by an interdisciplinary Life Experience Advancement Program Review Board. Students should contact the Registrar for information about application procedures. (See page 179 regarding the maximum number of credits allowed through LEAP.)

Accreditation, Authorization, Affiliations, and Memberships

The College was chartered by the State of New Hampshire on November 14, 1962, under the provisions of Chapter 292 R.S.A. In 1965, the State Legislature granted the College statutory authority to grant baccalaureate degrees.

Franklin Pierce College is accredited by the New England Association of Schools and Colleges, Inc., a non-governmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering post-graduate instruction.

Accreditation of an institution by the New England Association indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group review process. An accredited school or college 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 New England Association is not partial; it applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to the students who attend the institution.

Franklin Pierce College is a member of the Association of American Colleges and the Council of Independent Colleges.

Inquiries regarding the status of an institution's accreditation by the New England Association should be directed to the administrative staff of the College. Individuals may also contact the New England Association of Schools and Colleges, The Sanborn House, 15 High Street, Winchester, Massachusetts 01890, (617) 729-6762.

The College is approved by the New Hampshire Postsecondary Education Commission, the U.S. Immigration and Naturalization Service, the Department of Justice, and the U.S. Department of Education.

Certification in elementary and secondary teacher education is approved by the New Hampshire State Department of Education.

The College is approved for veterans by the New Hampshire Department of Education, Postsecondary Division, Education Approving Agency.

The College holds membership in the following organizations: American Association of Collegiate Registrars and Admissions Officers, American Council of Education, American Library Association, American Personnel and Guidance Association, Association for Continuing Higher Education, Association for Innovation in Higher Education, Association of American Colleges and Universities, College and University Personnel Association, Council for the Advancement of Experiential Learning, Council of Independent Colleges, Interstate Certification Compact, National Association of College Admissions Counselors, National Association of College and University Business Officers, National Association of Student Personnel Administrators, National Collegiate Athletic Association, New England 10 Conference and New Hampshire College and University Council.

Study Abroad

London Program

Franklin Pierce College holds affiliate status with Richmond College in London, England. Richmond College is a four-year liberal arts institution, populated by students from over 80 countries. Of its approximately 1150 students, about 200 are visiting American students.

Richmond College is a fully-accredited (Middle States Association) four-year college in its own right. As such, it has a full and substantial array of course offerings which enables a broad range of our students to take advantage of study in London. Altogether, Richmond offers over 400 courses in such areas as performance, dance, drama, mathematics, science, British studies, computer science, and business. A student should be sophomore level or above to apply.

Students must be in residence at the Rindge campus for their final semester prior to graduation.

Richmond College also offers a variety of special programs that benefit our students. Of particular interest is Richmond's one-semester internship program which includes placement opportunities in major British and multinational companies, political parties and the House of Commons, social welfare agencies, museums, radio, theatre, television and newspapers, and many other fields. A recently developed Elementary Education experience provides experience in a British Infant School. This may be taken for Field Experience Credit or for Student Teaching credit.

Richmond College courses taken by our students are treated as Franklin Pierce College courses. The benefits of this arrangement include the direct transferability of both the grades and credits carried for courses taken, as well as the ability of eligible students to receive financial aid.

The Richmond College catalogue is available in each divisional office. In addition, a videotape of Richmond College is available in the library. Questions regarding Richmond College should be addressed to Dr. Elizabeth Chamberlin, Education Department (ext. 4114).

Walk In Europe

The Walk in Europe is a project that is unique to Franklin Pierce College and has been part of the curriculum since 1969. Approximately 25 students are chosen to participate in the semester-long project, a long-distance walk through several European countries. Once every eight days, as part of a rotating, three-member team, each student takes an active part in the Walk's leadership. From mapping out the day's route, to finding a site for our 30 ft. x 30 ft. tent, to cooking meals for the rest of the group, the team is responsible for the project's daily management. For the other seven days, the non-leading students are free to simply walk and enjoy the back roads and small towns of Europe.

The sheer adventure and vitality of the project profoundly changes the participants' outlook on the world. The Walk is a course in practical learning that challenges the students on many levels and demands their best ideas, strengths, and talents. The Walk is structured to facilitate an engagement with the Europeans and their cultures, the land we walk over, and with each member of the group. But perhaps the most significant aspect of the Walk is that it grants time for serious reflection while engaged in one of the healthiest of activities. Students who have participated have described the Walk as the single most valuable learning experience of their years at Franklin Pierce.

The Walk group is formed a year in advance of departure. In addition to preparatory meetings, participants must take two prerequisite courses during the summer session prior to the Walk semester. Language for Travelers covers the rudiments of practical communication skills in the applicable languages. The Walk Seminar is a lecture/discussion course that introduces a wide range of philosophy, literature, and history to enhance the walk experience. See NT 412 - Walk in Europe for more detail on these courses.

Each student will also finalize plans for an independent study related to his/her major (to be completed before or after the Walk). Juniors may waive either Reason & Romanticism (IC 360) or Ancient & Medieval Worlds (IC 310), whichever is offered during the Walk Semester) and Science of Society I (IC 305).

Prerequisites: junior class standing, sophomores in exceptional cases by permission of the Academic Dean. The minimum cumulative GPA is 2.00.

Questions regarding The Walk in Europe may be addressed to Taylor Morris (603-899-4047 or morrist@fpc.edu).

Academic Programs and Services

Liberal Education Requirements:

The Individual and Community Integrated Curriculum

Although the major is an important component of the college experience, in recent years the general education curriculum has taken on new importance. Employers and graduate schools seek students whose knowledge and background beyond the major give them an edge

in the highly competitive world beyond college.

No theme has more power or relevance in late twentieth-century America than that of the individual and community. What are the claims of community in our increasingly individualistic society? How can we reassert our responsibility to the human community while protecting and reaffirming the dignity of each individual? How shall we conduct ourselves as citizens in a democracy in circumstances in which "looking after number one" often seems the norm? The Individual and Community theme works its way through Franklin Pierce College's innovative, 42-credit general education curriculum. Most of its courses are interdisciplinary and team-taught, emphasizing the active participation of students in the learning experience.

Students will take the following courses to complete liberal arts education requirements (course descriptions are on pages 104-107).

Freshman Year

Fall

- IC 101 Individual & Community (3)
IC 105 College Writing I (3)
IC 110 Integrated Science I (4) or
BI 101, 102 Biology I & II (8), or
CH 101, 102 Gen. Chemistry I & II (8), or
GL 101, 102 Geology I & II, or
PH 101, 102 General Physics I & II

Spring

- IC 106 College Writing II (3)
IC 111 Integrated Science II (4)

Sophomore Year

- IC 205 Experiencing the Arts (3)
IC 210 The American Experience (3)

- IC 201 Foundations of Mathematics (3)*
IC 204 Portfolio Assessment Seminar (1)**
IC 260 The Twentieth Century (3)

* Although most students will not enroll in the Integrated Curriculum Mathematics course until their sophomore year, those students who wish to continue their high school sequence of courses may choose to enroll during their first semester in one of the alternative courses listed below.

** May be taken in first semester of the junior year.

- MT 151 Algebra I (3)
MT 221 Calculus I (4)
MT 321 Calculus III (4)

See pages 130-131 for further information on the above courses.

Junior Year

Fall

- IC 305 Science of Society I (3)
IC 310 Ancient & Medieval Worlds (3) -or-

Spring

- IC 306 Science of Society II (3)
IC 360 Reason & Romanticism (3)

Senior Year

Fall or Spring

- IC 410 Senior Year Liberal Arts Seminar (3)

The College Year

The academic year at Franklin Pierce College's Rindge campus consists of two fourteen-week semesters, each of which is followed by a final examination period, and summer sessions. During the fall and spring semesters, students typically enroll in five courses while working toward the graduation requirement of 120 semester hours of academic credit. By attending summer sessions and/or taking an extra course during any semester, students may accelerate their degree programs and thereby save time and finances. It should also be noted, however, that, depending on the major chosen and whether or not a minor is added, the student may need more than the usual four academic years to complete requirements for graduation. Other students opt to move at a more leisurely pace, taking five years to complete degree requirements.

Goals of the Student Experience

Students who graduate from Franklin Pierce College should:

1. be able to apply knowledge, values, and thinking skills to meaningful problems in their lives and their society;
2. be able to listen and read college level material with critical understanding and to speak and write grammatically, clearly and coherently in an organized and persuasive fashion;
3. be familiar with the range of information resources available to them, be able to draw findings accurately and critically from these resources, and be able to integrate such findings into their own thinking and expression, documenting the sources in accordance with accepted academic conventions;
4. show understanding of views differing from their own, seek to practice an unbiased habit of mind, and treat others with fairness and civility, regardless of factors including, but not limited to, race, creed, ethnicity, gender, or nationality;
5. be conscious of and able to articulate their own attitudes and values, the relationships between values and behavior, and the process by which they determine their ethical choices and commitments for themselves and their community;
6. show understanding of the interplay of self and community, the tension that exists between the two, and their mutual dependence; and show a commitment to active participation in that community;
7. develop the ability to cooperate with others in an atmosphere of mutual respect and complete tasks in a collaborative way;
8. be able to perform mathematical functions essential to an educated layperson; to think critically and to examine reasoning processes upon which mathematical arguments are based;
9. show knowledge of at least one non-western culture and be aware of differences and interactions between non-western and western societies;
10. have a sense of history as the context in which they may seek to understand their own times and their own lives;
11. understand science as a search for knowledge, and be aware of the significant issues of science and technology that require their attention as citizens;
12. be open to artistic experience, both intellectually and emotionally, and be able to articulate rationally their response to a work of art;
13. have begun preparation for the leadership roles that they may exercise in their communities and society;
14. strive for integration of mind, body, and spirit; and
15. understand that, as they are human, they must be active seekers of knowledge throughout their lives.

Honors Program

The Honors Program was established to help provide challenge and intellectual community to participants. The program offers honors sections of core courses, occasional honors electives, and honors options in major courses designed to appeal to the more academically committed student. Students will be invited to participate in the freshman honors program based on their high school academic records. Continuation or entry into the program beyond the freshman year will be based on academic performance at Franklin Pierce College. During

their years at Franklin Pierce College, students in the program will be required to take five honors courses, of which two must be at the 300 or 400 level. Students are required to maintain a 3.40 cumulative grade point average.

Majors

All degree candidates must complete an approved major program. The principal purpose of a major is to help students prepare for a career or graduate school through concentration in a particular discipline; this focussed academic training will also help students think critically and solve problems efficiently. Choice of a major is an important decision and should be made only after careful consideration. A student may choose to major in more than one academic area; however, all requirements for each major must be met. Major requirements generally range from 30 to 54 credits (See pages 3-4 for a complete list of majors and pages 17-177 for descriptions of them.) Students also have the option of designing their own interdisciplinary major (see Student-designed major, page 166). All majors must be completed in conjunction with the 42-credit Individual and Community Integrated Curriculum. (See Liberal Education Requirements, page 103.)

Minors and Interdisciplinary Thematic Minors

Students will be encouraged, but not required, to complete a minor. The purpose of the minor is to achieve a second area of competence through an exploration in depth of a particular subject area or theme. Students may choose a minor from an approved list of disciplinary or thematic minors, or develop their own proposal for a thematic minor with the approval of a faculty advisor and the Curriculum Committee. All minors must consist of at least 18 credits and should include both lower-division and upper-division courses.

Electives

Students may choose elective courses from any area to broaden their academic experience. Electives may also be combined to form a minor or teacher-certification program in certain disciplines.

Internships

Learning through a supervised work experience for credit is an available option for qualified upperclass students in several academic departments. Internships are available during January and the summer, or they may be arranged during the regular semester. Internships allow students to explore career applications of their academic programs and often provide entry-level job experience in their chosen field.

NHCUC Student Exchange

Franklin Pierce College is one of 13 member colleges of the New Hampshire College and University Council (NHCUC). As a group, NHCUC members seek to provide additional services to all their students through cooperative activities. The NHCUC Student Exchange Agreement allows students to take courses at other NHCUC colleges at no extra tuition cost. Students may take courses at both Franklin Pierce College and another college during the same semester, if transportation is not a problem, or may spend up to two semesters in residence at another NHCUC member college. In either case, students continue to pay normal tuition to Franklin Pierce College. Students in residence at another institution must make their own room and board arrangements directly with the other college. All student exchanges are on a space-available basis only. Interested students should see the Franklin Pierce College Registrar for information. Members of the NHCUC are: Colby-Sawyer College, New London; Daniel Webster College, Nashua; Dartmouth College, Hanover; Franklin Pierce College, Rindge; Keene State College, Keene; New England College, Henniker; New Hampshire College, Manchester; Notre Dame College, Manchester; Plymouth State College, Plymouth; Rivier College, Nashua; St. Anselm College, Manchester; the School for Lifelong Learning; and the University of New Hampshire, Durham.

The Washington Center for Internships and Academic Seminars

The Washington Center provides undergraduate students and recent college graduates with a comprehensive, participatory learning experience in Washington, D.C. In an effort to promote future leadership for public, private, and nonprofit sectors of society, this unique program provides students with the opportunity to experience and explore various career paths while sampling the intellectual and cultural diversity of our nation's capital.

More than just a résumé-building experience, the program seeks to enhance students' academic, civic, and professional development through academic course offerings and exposure to the ideas and insights of nationally and internationally renowned guest speakers and lecturers.

Through these programs Franklin Pierce students can earn academic credit while they gain practical experience, discover their professional strengths and weaknesses, evaluate career paths, interact with students from across the country and around the world, and develop a broad sense of civic and professional responsibility.

Participation is limited to students who have achieved second-semester sophomore status and who have a cumulative grade point average of 2.50 or higher. Recent FPC interns have worked on Capitol Hill, in the office of a congressional lobbyist, for a private television news station, for a nonprofit organization specializing in the Middle East, in the Office of the Curator for the Supreme Court of the United States of America, and on the Senate Finance Committee.

The Marine Awareness Research Expedition Center (M.A.R.E.)

The Marine Awareness Research Expedition Center (M.A.R.E.) was established in 1993 to provide multi-disciplinary marine education for college and high school students. All M.A.R.E. programs use challenge, adventure and direct contact with the sea environment as the context for learning.

Each summer and winter, the Center offers accredited sixteen-day programs on the coast of Maine, Nova Scotia, Canada, and the Caribbean: The Mariners, Global Voyagers and Explorers. Student Mariners and Global Voyagers participate in a voyage of discovery aboard the 131-foot schooner, *Harvey Gamage*. The Explorers is an kayaking expedition into the marine environment of Maine's Muscongus Bay.

The New England Center for Civic Life

The New England Center for Civic Life was established in 1999 at Franklin Pierce College as a non-profit, non-partisan organization dedicated to active and experiential civic education, which emphasizes constructive civil discussion of difficult and controversial issues—in classrooms, communities, organizations and among individuals—as the foundation for positive involvement in community and political life.

In classes taught by faculty associated with the Center, students have:

- learned specific knowledge, skills and strategies useful for facilitating action-oriented deliberative dialogue and group problem solving that they have put into practice in various ways;
- framed controversial issues for constructive dialogue, researched and written issue discussion guidebooks, convened and moderated public forums on and off campus on issues like drug abuse, intolerance based on race, gender and other kinds of difference;
- served as interns on the steering committee of the Center along with Franklin Pierce College faculty and community leaders from across New Hampshire;
- attended programs sponsored by the Center, including the annual summer National Issues Forums (NIF) Public Policy Institute;
- discovered the skills they learn from such programs to be useful in the classroom, the campus, workplace, and in their personal and civic lives beyond the College.

Monadnock Institute of Nature, Place, and Culture

Founded in 1996, the Monadnock Institute of Nature, Place and Culture at Franklin Pierce College seeks to understand and cultivate a sense of place by promoting studies of specific localities and encouraging inquiry into the larger concept of place. The word “place” denotes a geographical area and a complex, dynamic natural environment; it also signifies a cultural construct created and sustained over time by individuals and communities who live there. In order to appreciate the full meaning of this term, and to exercise the stewardship it suggests, we need to know in systematic ways about our localities—about the geographical features, the evolutionary processes, and the human histories that have, together, determined the heritage and potentiality of a given place. The interdisciplinary search for this knowledge forms the mission of the Monadnock Institute, which is comprised of faculty and staff at Franklin Pierce College along with a board of advisors from across New England.

The principal activities of the Monadnock Institute include education, research, and community outreach. We sponsor workshops focused on the interdisciplinary study of place for elementary, middle, and high school teachers. In addition, we host conferences and symposia on place-related topics of regional and national significance. The Institute also conducts formal and informal research on sense of place by collecting survey data and gathering regional stories.

Summer Sessions

Students may enroll in the summer sessions to accelerate their graduation plans or to make up courses. Most courses in the Integrated Curriculum, along with a selection of elective courses, are offered in the summer. Some specialized courses, such as Field Experiences in Archaeology or Local Flora, are offered only in the summer.

Reserve Officer Training Corps Programs

Students attending Franklin Pierce College may enroll in either the Army or Air Force Reserve Officer Training Corps (ROTC) programs at the University of New Hampshire at Durham. These programs lead to a commission as a second lieutenant in their respective services and are open to both men and women.

Reserve Officer Training Corps scholarships are offered on a competitive basis by both the Army and Air Force. Entering freshmen may compete for four-year scholarships during the last year of high school, but a variety of scholarships are also available to students already attending college. Scholarships pay up to full tuition, all mandatory fees, and required textbooks for all courses. In addition, all scholarship recipients receive a tax-free \$150-per-month subsistence allowance.

For more information, contact:
The University of New Hampshire
Air Force ROTC at (603) 862-1480
or Army ROTC at (603) 862-1078

Academic Advising

Academic advising, coordinated through the Academic Services Center, is an important dimension of each student's educational experience. Advisors assist students in the decision-making process and in making the most of the opportunities offered at the College. They help students plan their program, set goals, and utilize College resources. Advisors often become mentors and advocates for students.

Entering students are assigned an academic advisor who is also their instructor for the required Individual and Community or College Success course. This structure facilitates interaction between the student and advisor and allows the advisor to be aware of individual needs. Academic and Student Services Staff work closely with advisors in response to these needs. Once the student has declared a major, a faculty advisor from the major area is chosen to work with the student until graduation. A student may request to change his or her advisor at any time. The Coordinator of Advising is available to assist students with special academic decisions and concerns.

Academic Support Services

A variety of learning support services is available through the Academic Services Center. The Center is staffed by a team of professionals dedicated to assisting students in developing the skills, strategies, and attitudes necessary for academic success at Franklin Pierce College. All students are encouraged to avail themselves of the services offered. Some students may be required to use designated services. We try to be responsive to individual needs, so services continue to evolve and develop. Academic Support Services include the following:

1. Academic Services:

Academic advising, change of advisor, choice of major, peer advising, individual/small group tutoring, study skills courses, time management workshops, assistance with organization, resource material, developmental courses, strategies for academic success, reading skills instruction, computer assisted learning, mathematics skills instruction.

2. Learning Disability Support Services:

Peer assisted learning, support group, readers, note takers, reduced course loads, alternate testing, referrals for diagnostic testing, consultation with instructors, referrals to counseling center, individual tutoring, reading specialists, learning specialists, advocacy skills instruction.

Additional services are offered on an individual basis and are free to all Franklin Pierce students. Students are encouraged to make appointments or stop by to identify which services will be most helpful.

English As A Second Language (ESOL): College Transition Program

The College Transition Program prepares international students of college and university age for full-time study at an English speaking college. Transition students take a combination of English as a Second Language classes along with regular college courses. The program also offers support in adjusting to the academic and social demands of an American institution of higher learning.

ESOL Curriculum

The following courses were designed for non-native speakers of English who need extra support in order to reach the competency levels necessary for full matriculation. The students receive developmental credit for these course (grades are figured into the GPA but not counted as credit toward graduation). The number of ESOL credits a student is required to take each semester is decided according to the student's score on an initial placement test and his or her subsequent progress within the program.

TR 020 Speaking and Listening

3 credits

ESOL students practice patterns of formal and informal speech and improve pronunciation and grammatical accuracy. Students polish note taking skills, use idioms and expressions in conversations, and become active listeners and presenters of contemporary themes.

TR 030 Written English

3 credits

ESOL students are introduced to the skills expected in an American college writing class including drafting, organizing, varying sentence structure, and supporting opinions with concrete examples and details.

TR 040 Readings in Academic English

3 credits

ESOL students develop reading strategies and critical thinking skills through work with both ESOL texts and academic texts. Independent reading projects are pursued to improve reading fluency.

TR 050 ESOL Lab

2 credits

International students identify their own language weaknesses and collaborate with the

instructor to design a study plan. Students work individually or in small groups on oral competency and written English. In addition, students receive support as needed in their other academic classes.

TR 060 Critical Writing

3 credits

Advanced ESOL students further develop writing proficiency through essay writing. Approaches to be explored include descriptive, narrative, persuasive, and comparison/contrast styles. Students practice revising and editing through peer evaluation and discussion.

TR 070 American Culture and Community

3 credits

Advanced ESOL students refine their skills in listening, speaking, reading, and writing as they explore American culture, literature, issues, and humor. Students' cultural experiences and insights are used for oral and written contrastive analysis.

Students with Disabilities

Students requesting accommodations based on specific disabilities should meet with the appropriate contact person early in the semester.

Students with physical disabilities should meet with the Director of Health Services. Individuals with mobility problems should be advised that the College is on hilly terrain and that winters can be severe.

Students with psychoeducational disabilities should meet with the Coordinator of Services for Students with Learning Differences, who can be reached in the Academic Services Center. In order to access academic accommodations, results of the most recent psychoeducational evaluation must be on file in the Academic Services Center.

We encourage the use of self-advocacy skills, and work with disabled students on the development of these skills.

Career Planning and Placement

The Career Planning and Placement Office offers a variety of comprehensive services to students and alumni concerning career decision making and job search issues. These include individual counseling, workshops, career assessment tests, career panels, alumni connections, job and internship listings, on-campus recruiting, career fairs, and graduate school information. A career resource library provides a variety of materials to help students research career options and identify potential employers and job opportunities.

As a vital part of the Student Affairs Division, the Career Planning and Placement Office works closely with the faculty and staff from all areas of the campus to help students reach their full potential. The office supports students in identifying and choosing careers and developing the skills necessary to succeed in a competitive job market. Assistance is available for writing resumes and cover letters, applying to graduate school, job searching, interviewing and making the transition to the world of work.

Library

Franklin Pierce College Library is acutely aware of its role as information provider in an increasingly demanding technological environment. As a result, library faculty play a crucial role in the process of educating students to be information literate. Through formal library instruction sessions and strong one-on-one assistance, students are introduced to and given experience using tools essential for success in their quest for information.

In support of its educational mission, the Franklin Pierce College Library provides a comfortable open stack environment for study and research. The 116,000 volume collection includes books, CD-ROM databases, microform, compact discs, slides, software, audio and video cassettes, as well as subscriptions to 1940 full-text electronic and print periodical titles. Web-based resources, including EbscoHost full-text periodicals database, enhance the physical collection. Library resources and services are available on the web at: library.fpc.edu.

Open 90 hours a week during the academic year, the library offers a variety of services including online and electronic database searching and interlibrary loan through the Online

Computer Library Center (OCLC). Through the College's membership in the New Hampshire College and University Council, students are accorded normal borrowing privileges at thirteen college libraries.

The Franklin Pierce Computer Network

The Franklin Pierce College network at the Rindge campus provides access to all members of the Franklin Pierce community. Students use it for e-mail, word processing, and other applications for recreational activities, coursework, and professional development. Software supported include Microsoft Office, C, C++, Visual Basic, Java, J++, Adobe PageMaker, Photoshop, Premiere, and AfterEffects. The operating system of the network is Microsoft NT.

Internet Access

Internet access is available to all computers on campus and the six labs at Graduate and Professional Studies, as well as most residence halls. The FPC network is connected to the Internet via a T-1 link for the highest speed available.

Computer Labs

Ten computer labs serve the curricular needs of the College. The Rindge campus has three labs: two Windows95 labs consisting of ninety Pentium II PCs, and a Macintosh Lab with fourteen Apple G3 computers. Our Graduate and Professional Studies campuses have seven Pentium-based labs, each with a minimum of twelve desktop computers which are used to support our MIS, MBA, Paralegal, and other programs

Pre-Health Program: Medicine, Dentistry, Veterinary Medicine

This program exists for students who desire to enter one of the health services fields. Periodic pre-professional meetings are held to inform students of various career options; some of them may include field trips to health care facilities. The Pre-Health Advisor orients individual students to the general requirements for admission to medical schools.

Extensive resources, including computer software and videotapes, are available for preparation for the MCAT and DAT.

While specific requirements for admission to professional schools vary considerably, all schools expect applicants to have a demonstrated ability in the physical and life sciences. Biology is often the major chosen, but individual students are urged to choose one consistent with their own interests and aptitudes.

To be adequately prepared to apply for admission to a professional school, the student should complete those courses which qualify him or her as "premedical" or "predental" by the end of the junior year. Those courses are:

BI 101-102	Biology I-II
CH 101-102	General Chemistry I-II
CH 211-212	Organic Chemistry I-II
MT 151-152	Algebra and Trigonometry I-II or MT 221-222
PH 101-102	General Physics I-II

Additional information is available from Michele Hood, Pre-Health Advisor, Natural Sciences Division. (603-899-4384).

Pre-Law Advising Program

The College recognizes that most law schools prefer a broad undergraduate curriculum with demonstrated competence in one area of study. The Pre-Law Advisor will help pre-law students develop a program which will prepare them for strong applications to law school. Law school candidates should take a rigorous undergraduate curriculum and achieve a high level of academic performance in college.

There is an active Law Club through which speakers and field trips provide interested students with insights regarding the field of law. Club members gain practical experience through participation in the campus judicial system and by participating in the Intercollegiate Mock Trial Tournament. For information, contact Professor Frederick Walsh (4157).

Franklin Pierce College . . . at a glance

Type: Four year, coeducational, liberal arts, residential, independent, non-sectarian

Accreditation: New England Association of Schools and Colleges

Enrollment: 1,450 (Fall, 2000)

Geographical Distribution: 28 states, 25 countries (Fall, 1999)

Degree: Bachelor of Arts, Bachelor of Science

Academic Programs:

Individual and Community Integrated Curriculum

An innovative, thematic approach to a liberal arts education

Areas of Study

Accounting	Education: elementary,	Mathematics
Advertising	secondary, and art	Media Studies
American Studies	English	Music
Anthropology	Environmental Science	Political Science
Archaeology	Financial Management	Pre-Law
Arts Management	Fine Arts	Pre-Medicine
Biology	Graphic Communications	Psychology
Business Administration	History	Radio and Television
Computer Science	Information Technology	Social Work and Counseling
Creative Writing	International Business	Sociology
Criminal Justice	Journalism	Sports and Leisure Management
Dance	Management	Theatre Arts
Drama	Marketing	Women's Studies
Economic Theory	Mass Communication	

Students also have the option of designing an interdisciplinary major program with the help of faculty members and the approval of the Curriculum Committee.

Highlights:

Teacher Certification: Elementary, secondary, and art

Pre-Professional: Medicine, dentistry, veterinary medicine, law

Study Abroad Program: Richmond College, London/Walk In Europe

Calendar: Two 14-week semesters and two 4-week summer sessions

Faculty-Student Ratio: 1 to 15

Average Class Size: 19

Library: 116,000 volumes, 1940 periodical titles

Cost: Yearly tuition and fees (including room and board) 2000-2001 – \$25,335

Financial Aid: FAFSA (Free Application for Federal Student Aid)
Federal School Code for Franklin Pierce – 002575

Intercollegiate Sports:

- | | |
|--------|---|
| Men: | Baseball, Basketball, Crew, Cross Country, Golf, Ice Hockey, Lacrosse, Soccer, and Tennis. |
| Women: | Basketball, Crew, Cross Country, Field Hockey, Golf, Lacrosse, Soccer, Softball, Tennis, and Volleyball |

Location: The main campus is located at Rindge, in southwestern New Hampshire. Rindge is 65 miles from Boston, 112 miles from Hartford, and 236 miles from New York City.

Graduate and Professional Studies

Six New Hampshire campuses serving 2,000 undergraduate and 200 graduate students.
(Concord, Keene, Lebanon, Nashua, Portsmouth, and Salem)

Courses of Instruction

Accounting (AC)

PROFESSORS: Robert A. Coburn, Benjamin G. Gardiner,
Frederick J. Walsh, Margaret S. Ziegler

A major is offered in Accounting. A minor in Accounting is offered to students majoring in one of the areas within the Division of Business Administration.

The major in Accounting combines a basic liberal arts education with a strong preparation for a career in Accounting. During the first two years of study, emphasis is placed on the College and Division core course requirements. During the junior and senior years, emphasis is placed on those areas most necessary for entry into the accounting field. The College offers a two track accounting curriculum, Public Accounting and Managerial Accounting. While both tracks receive a strong accounting foundation, there is a focus on those areas most useful to the differing careers in accounting.

Major Requirements

In addition to the Individual and Community Integrated Curriculum (page 103) and the Division of Business Administration core course requirements (page 48), students must pass the following courses with a grade point average of at least 2.0 to fulfill the Accounting major requirements:

AC 101 Principles of Accounting I

AC 102 Principles of Accounting II

AC 213 Intermediate Accounting I

AC 214 Intermediate Accounting II

AC 314 Cost Accounting I

AC 323 Auditing Theory

AC 354 Individual Income Taxes

or

AC 355 Taxation of Partnerships and Corporations

AC 474 Advanced Accounting I

Students selecting the public accounting track will also have to complete AC 475 Advanced Accounting II. Strongly suggested electives for the public accounting track are:

AC 324 Audit Ethics and Practice

BA 214 Business Law II

CS 101 Introduction to Computers

Students selecting the managerial accounting track will also have to complete AC 315 Cost Accounting II. Strongly suggested electives for the managerial accounting track are:

CS 101 Introduction to Computers

FM 423 Investment Analysis

FM 454 Problems in Finance

Minor Requirements

In addition to the Division of Business Administration core requirements:

Intermediate Accounting I & II

Any three of the upper level accounting courses.

Required for Graduation

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

- IC 101 Individual and Community
- IC 105 College Writing I
- IC 110 Laboratory Science I
- AC 101 Principles of Accounting I
- _____ Elective (CS101 suggested)

Spring Semester

- IC 106 College Writing II
- IC 201 Foundations of Math
- IC 111 Laboratory Science II
- AC 102 Principles of Accounting II
- _____ Elective

Sophomore Year

Fall Semester

- IC 205 Experiencing the Arts
- IC 210 American Experience
- AC 213 Intermediate Accounting I
- ET 101 Principles of Economics I
- BA 100 Introduction to Business

Spring Semester

- IC 260 Twentieth Century
- IC 204 Portfolio Assessment Seminar
- AC 214 Intermediate Accounting II
- FM 224 Principles of Financial Management
- _____ Elective
- _____ Elective

Junior Year

Fall Semester

- IC 305 Science of Society I
- IC 310 Ancient & Medieval Worlds*
- BA 258 The Legal & Social Environment
of Business
- AC 314 Cost Accounting
- AC 323 Auditing Theory
- _____ Elective (if IC310 not selected)

Spring Semester

- IC 306 Science of Society II
- IC 360 Reason & Romanticism*
- MT 260 Statistics
- BA 374 Research (if AC 491 selected)
- AC 354 Individual Income Taxes
- AC 315 Cost Accounting II
- _____ Elective (if AC 315 not selected)
- _____ Elective (if IC 360 not selected)

*One of these two courses may be taken either in the Fall or the Spring semester.

Senior Year

Fall Semester

- AC 391 Internship
- or
- AC 491 Senior Indep. Research Paper
- IB 363 The Global Economy
- AC 474 Advanced Accounting I
- AC 355 Taxation of Partnerships and
Corporations
- _____ Elective

Spring Semester

- IC 410 Senior Liberal Arts Seminar
- BA 471 Senior Business Seminar
- AC 475 Advanced Accounting II
- AC 324 Audit Ethics and Practice
- _____ Elective (if AC 475 not selected)
- _____ Elective

Accounting Curriculum

AC 101 Principles of Accounting I

3 credits

Emphasizes basic principles and concepts and the use of accounting information. This segment of the course concentrates on accounting for a sole proprietorship from inception to the preparation of financial statements. (*Required for Accounting Majors*)

AC 102 Principles of Accounting II

3 credits

Applies the principles and concepts learned in Principles of Accounting I to the partnership and corporation forms of business organization. Special attention to the analysis and interpretation of financial data, and to the measurement and control of costs. *Prerequisite: AC 101.* (*Required for Accounting Majors*)

AC 105 Introduction to Financial Accounting**3 credits**

This one semester course has been designed for business students who do not intend to declare a major in accounting. This course will provide the background necessary for future business leaders to read, understand, and analyze financial statements of business entities. Less emphasis has been placed on the bookkeeping aspects of accounting while still providing the student with knowledge about the sources of business information which become the financial statements of business; the balance sheet, the statement of income and retained earnings, and the statement of cash flows. *Accounting Majors will take Principles of Accounting I & II in lieu of this course.*

AC 213 Intermediate Accounting I**3 credits**

An intensive examination of accounting principles related to financial statements. Overall survey of the accounting cycle followed by an in-depth consideration of cash, receivables, inventories, and plant assets. *Prerequisite: AC 102.*

AC 214 Intermediate Accounting II**3 credits**

Accounting principles as they pertain to the areas of intangibles, long term investments, current liabilities, stockholders' equity, funds flow, and financial statement analysis. *Prerequisite: AC 213.*

AC 314 Cost Accounting I**3 credits**

Cost Accounting I addresses the problem of cost control in a manufacturing environment by studying common cost accounting techniques, job order, process, and standard cost accounting methods. *Prerequisite: AC 214.*

AC 315 Cost Accounting II**3 credits**

This course builds on the knowledge gained in the first semester of Cost Accounting but develops those areas most useful to accountants and managers in a non-public accounting career. The course covers various decision-making tools: budgets, cost/volume/profit analysis, and other quantitative techniques for decision-making and performance evaluation. *Prerequisite: AC 214 or permission of instructor.*

AC 323 Auditing**3 credits**

Auditing reports and standards of professional ethics and legal responsibility. Methods of internal accounting control. The interpretation and preparation of audit reports. *Prerequisite: AC 214 or permission of instructor.*

AC 324 Audit Ethics and Practice**3 credits**

This accounting capstone course will discuss various case studies involving ethical issues in accounting. A complete audit case will be performed by the student. *Prerequisite: AC 323.*

AC 354 Individual Income Taxes**3 credits**

This course examines the Internal Revenue Code as it applies to individuals and sole proprietorships. The student will apply this knowledge in the preparation of income tax returns and related schedules and forms. There are no prerequisites for this course. Sophomore or Junior standing recommended.

AC 355 Taxation of Partnerships and Corporations**3 credits**

This tax course examines the Code as it applies to business entities. The student will apply this knowledge in the preparation of income tax returns and related schedules and forms for corporations and informational returns prepared for partnerships. *Prerequisite: AC 354 or permission of instructor.*

Spring of odd years.

AC 390 Internship in Accounting**2-3 credits**

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business

Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites: AC102, ET102, MN 201, MK 201, junior class standing, a CGPA of at least 2.0 and permission of Division Chair.*

AC 391 Internship in Accounting

2-3 credits

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for AC390. The granting of more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate by the department head and the Division Chair, a second internship, which is entirely different than that pursued under AC 390, may be taken. *Prerequisite: AC 390.*

AC 474 Advanced Accounting I

3 credits

This Advanced Accounting course is a requirement for all Accounting Majors, and concentrates in areas which are common requirements for both public and non-public careers. Topics to be covered are: consolidated financial statements, foreign operations and transactions, and SEC reporting. *Prerequisite: AC 214.*

AC 475 Advanced Accounting II

3 credits

Advanced Accounting II is required for the Public Accounting Track of the Accounting Curriculum and is available as an elective to all Accounting Majors. Topics covered are: troubled debt restructuring, not-for-profit entities, partnerships and trusts. *Prerequisite: AC 214.*

AC 491 Senior Independent Research Paper

4 credits

The student is required to develop a research topic and a testable hypothesis which uses primary and/or secondary data for its support or rejection. Under the direction of an advisor, the student develops the background of the problem, a review of current literature relative to the research topic, and an appropriate methodology for collecting and analyzing data and for reaching appropriate conclusions. The student next proceeds to the collection of data, its analysis, and the writing of the paper. While length of paper and number of sources are not primary objectives in its preparation, a minimum of 25 main body pages and the use of at least 20 separate and distinct reference sources will be found in any acceptable paper except under the most unusual circumstances. The research may be defended before a committee of faculty and administrators. *Prerequisites: BA 374 and senior class standing; declared major in the Division of Business Administration or permission of Division Chair.*

AC 299, 399, 499 Independent Study in Accounting

2-3 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Advertising (AD)

PROFESSORS: Richard Block, Robert Diercks

ASSOCIATE PROFESSOR: Ray E. Oakes

ASSISTANT PROFESSOR: Kelly Kilcrease

INSTRUCTOR: Jason Little

A major and a minor are offered in Advertising in the Division of Business Administration.

While the basic program is outlined below, students may elect additional coursework for an emphasis in Media, Art, or Advertising Management.

Major Requirements

In addition to the Individual and Community Curriculum (page 103), the following courses must be completed successfully with a grade point average of at least a 2.0 to fulfill the major requirements. The Advertising Major combines a basic liberal arts education and specialized preparation in the areas of marketing, graphics, and mass communication. Divisional core requirements (page 48) do not apply to advertising majors. In lieu of the business administration core comprehensive exam, advertising majors will be required to only take the major comprehensive exam.

AD 304 Advertising

AD 491 Internship in Advertising

EN/MC Upper level* Writing Course

GC 201 Graphic Design I

GC 251 Graphic Production I

MC 100 Communication, Media, & Society

MC 271 Writing for the Electronic Media

MK 201 Principles of Marketing

MK 314 Consumer Behavior

TH 180 Public Speaking

* Beyond IC 105 & IC 106 : appropriate courses include one from EN 105, EN 220, EN 235, EN 237, EN 241, EN 417, EN 421, MC 160, MC 260, MC3 00, or MC360

Additionally, students must complete two (2) courses from the following list of electives:

FA 101 Two-Dimensional Design

FA 180 Foundation of Art

FA 183 History of Art

FA 286 19th and 20th Century Art

GC 302 Graphic Design II

GC 371 Computer Graphic Design

GC 321 Typography

FA 211 Creative Photography

GC 367 Commercial Photography

AD 370 Advertising in America

MN 201 Principles of Management

AC 101, 102 Principles of Accounting I & II

MK 333 Marketing Research

MC 282 Visual Communication

MC 302 Media Law

MC 321 Media Policy and Economics

MC 362 Media Marketing

MC 384 Persuasion Through Media

Students may elect to take an additional 5 courses (only one of which may be used as a major elective—see list immediately above) in one of the three areas listed below. Following is the coursework recommended for each of these areas.

Art/Graphics

FA 211 Creative Photography

GC 367 Commercial Photography

GC 302 Graphic Design II

GC 321 Typography

GC 371 Computer Graphics Theory

Media

MC 230 Introduction to Media Production

MC 301 Media Criticism

MC 341 Media and Culture

MC 342 Mass Communication Theory

MC 362 Media Marketing

Advertising Management

MN 201 Principles of Management

AC 105 Intro to Financial Accounting

FM 224 Principles of Financial Management

MC 302 Media Law

or

BA 258 Legal and Social Environment of Business

MK 333 Marketing Research

MK 474 Marketing Management

Minor Requirements

The minor requires 21 credits distributed among the disciplines of Marketing, Mass Communication, and Graphic Communications, as follows:

- MK 201 Principles of Marketing
- MC 100 Communication, Media and Society
- GC 201 Graphic Design I
- MK 314 Consumer Behavior
- MC 271 Writing for the Electronic Media
- GC 251 Graphic Production I
- AD 304 Advertising

Students majoring in one of the disciplines comprising the minor (Business area, Mass Communication, or Graphic Communications), should add to the minor no less than one from the following list and should consult their advisors:

- EN/MC Writing Course
- MC 362 Media Marketing
- GC 371 Computer Graphic Design I
- MK 333 Marketing Research

Required for Graduation

The number of semester hours required for graduation is 120, and include the Individual and Community Integrated Curriculum. The normal course load is 15-16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

- IC 101 Individual and Community
- IC 105 College Writing I
- IC 110 Integrated Science I
- CS 101 Intro. to Computers
- _____ Elective

Spring Semester

- CS 101 Introduction to Computers
- IC 106 College Writing II
- IC 111 Integrated Science II
- _____ Mathematics Requirement
- MC 100 Communication, Media & Society

Sophomore Year

Fall Semester

- IC 210 American Experience
- IC 205 Experiencing the Arts
- MK 201 Principles of Marketing
- _____ Major Elective**
- _____ Elective

Spring Semester

- IC 260 Twentieth Century
- GC 201 Graphic Design I
- MK 314 Consumer Behavior
- TH 180 Public Speaking
- IC 204 Portfolio Assessment
- _____ Major Elective**

Junior Year

Fall Semester

- IC 310 Ancient and Medieval Worlds*
- IC 305 Science of Society I
- MC 271 Writing for the Electronic Media
- GC 251 Graphic Production I
- AD 304 Advertising
- _____ Elective

Spring Semester

- IC 360 Reason and Romanticism*
- IC 306 Science of Society II
- MC/EN Upper Div. Writing Requirement**
- _____ Major Elective**
- _____ Elective
- _____ Elective

Senior Year

Fall Semester

- IC 410 Senior Liberal Arts Seminar
- AD 390 Internship in Advertising
- _____ Major Elective and/or Electives

Spring Semester

- _____ Electives

*One of these two courses is required. **See description under Major Requirements

Advertising Curriculum

AD 304 Advertising

3 credits

Study of the discipline's components: creative, media, research, and account work. During the course of the semester students develop an advertising campaign. *Prerequisite: MK 201.*

AD 370 Advertising in America: A Cultural and Historical Perspective

3 credits

This course surveys the development of thought and practice in the field of advertising. It addresses changes in media, creative expression, organization, theory and criticism in American advertising from the Colonial period to the present. Lecture and seminar format. *Prerequisite: IC 210.*

Spring

AD 390 Internship in Advertising

2-3 credits

The internship allows students to gain experience in the field of advertising. It is taken after most of the major or minor requirements have been met and in no case before the second semester of the Junior year. The internship may be arranged with the assistance of the major internship advisor. An agreement is drawn up and approved by the student, the proposed employer, the internship advisor and the Division Chair. Internships require a minimum of 55 hours on-the-job work for each hour of credit. Evaluation is made by the internship advisor in consultation with the employer. *Prerequisites: declared major or minor in Advertising, Junior class standing, CGPA of at least 2.0, and permissions of the instructor/advisor and Division Chair.*

AD 391 Internship in Advertising

2-3 credits

This course may be taken when an unusual level of job responsibility or a unique learning opportunity, generally encompassing an extended period of time, is encountered which would warrant additional credit above that granted for AD390. The granting of more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate, a second internship, which is entirely different from that pursued under AD 390 may be taken. *Prerequisite: AD 390.*

AD 491 Senior Independent Research Paper

4 credits

The student is required to develop a research topic and testable hypothesis which uses primary and/or secondary data for its support or rejection. Under the direction of an advisor, the student develops the background of the problem, a review of current literature relative to the research topic, and an appropriate methodology for collecting and analyzing data and for reaching appropriate conclusions. The student then proceeds to the collection of data, its analysis, and the writing of the paper. While length of paper and number of sources are not primary objectives in its preparation, a minimum of 25 main body pages and the use of at least 20 separate and distinct reference sources will be found in any acceptable paper except under the most unusual circumstances. The research may be defended before a committee of faculty and administrators. *Prerequisites: declared major, completion of a course in Research Methods with a grade of B- or higher, Senior class standing, and permission of the Division Chair.*

AD 299, 399, 499 Independent Study in Advertising

2-3 credits

Independent study offers an opportunity to explore an area of study not included in the catalog listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399, or 499 depending on the level of the course.

American Studies (AS)

COORDINATOR: Gerald T. Burns

AFFILIATED FACULTY: Douglas F. Challenger (Sociology), Kelli A. Costa (Anthropology), Sarah T. Dangelantonio (English), John R. Harris (English), Billy D. Horton (Sociology), Mary C. Kelly (History), Douglas A. Ley (History), Jason Little (Marketing), Alana J. Mosley (Elementary Education), Paul E. Scharfenberger (Music), Phyllis S. Zrzavy (Mass Communication)

A major and a minor are offered in American Studies.

American Studies offers the opportunity to explore American life and culture through a variety of disciplinary perspectives. This interdivisional program consists of courses dealing with American history, literature, society, government, media, arts and music, thought and belief, education, and economics.

Students pursuing an American Studies major or minor are allowed, and encouraged to make creative use of a large degree of flexibility in their choice of individual courses. Academic coherence within the program is promoted by a carefully designed overall curricular structure, by the requirement for an informal concentration (e.g., American communities, popular culture, politics and justice, minority experience, literature and history, etc.) to be fashioned from at least three elective courses, and by an integrative senior project, which might take the form of a research essay, a documentary or creative work in a variety of possible media, a curriculum unit or an internship.

Major Requirements

In addition to the Individual and Community Integrated Curriculum (page 103), a total of 33 credits in American Studies must be completed with a grade point average of at least 2.0 in order to fulfill the major requirements. These credits must include at least three Introductory courses, one Methods course, six Electives, and the American Studies Senior Project Seminar. In accordance with College regulations, at least four of the courses taken within the major must be at or above the 300 level. In addition, it should be understood that The American Experience, IC 210, serves as a basic prerequisite for study in the program. Transfer students who have not taken a comparable interdisciplinary course dealing with American materials will be required to take The American Experience as a part of their degree requirements.

Note: Students majoring in American Studies who are also pursuing Elementary Certification must, in order to satisfy New Hampshire certification requirements, take at least five courses within a single disciplinary field, e.g., History, Literature, Sociology. Ordinarily, this would be done by taking one (of three) introductory course, the methods course, and three (of six) electives in the chosen disciplinary field.

Introductory Courses

Any three of the following:

- EN 204 Introduction to American Literature
- HS 201, 202, 203, or 204 U.S. History Surveys (any one of these)
- MC 100 Communication, Media and Society
- PO 201 U.S. Government
- SO 106 Social Problems
- WS 115 Introduction to Women's Studies

Methods Courses

Any one of the following:

- SO 218 or 219 Quantitative or Qualitative Research Methods
- MC 301 Media Criticism
- HS 301 Historical Methods
- EN 210 Introduction to Literary Studies

Note: A double major whose other program requires one of these courses must take another from the list in order to fulfill American Studies degree requirements.

Integrative Capstone Course:

AS 401 American Studies Senior Project Seminar

Elective Courses

Any six of the following, no more than three of which may be from the same department, no more than *two* of which should be 100-level courses, and three of which must go toward defining a *concentration* approved by the faculty advisor:

AD 210	Contemporary Native America	HS 313	U.S. Labor History
AN 221	Prehistoric Indians of North America	HS 314	Alien Nation: The History of American Immigration & Ethnicity
AN 331	Violence and Aggression	HS 319	History of New England
AS 103	Fielder's Choice: American Culture and Baseball	HS 320	African-American History
AS 301	Place, Community, and American Culture	HS 323	Topics in American Cultural and Intellectual History
ED 212	Foundations and Issues in Education	HS 341	American Women's History
ED 250	Childhood and Adolescent Literature	HS 370	US Foreign Relations to 1914
EN 110	American Mosaic: Multicultural Literature in U.S.	HS 371	20th Century U.S. Foreign Policy
EN 342	19th Century American Novel	MC 281	Understanding Film
EN 343	American Short Story	MC 382	Women in Media Representation
EN 344	American Poetry to 1900	MC 341	Media and Culture
EN 351	20th Century American Poetry	MK 314	Consumer Behavior
EN 352	20th Century American Fiction	MU 212	Jazz History
ES 210	Evolution of Environmental Thought	MU 213	Popular Musical Culture Since Bill Haley
FA 285	Modern Art	PO 351	American Presidency
HS 111	Protest in America	PO 352	Constitutional Law
HS 112	Boomers to Yuppies: American Society Since 1945	PS 115	Introduction to Women's Studies
HS 201, 202, 203, 204	U.S. History Surveys (a course or courses not taken to satisfy the introductory requirements)	RE 302	Religion Facing Social Change
		SO 205	Race and Ethnic Relations
		SO 315	Contemporary Social Movements
		SO 320	U.S. Social Policy
		SO 421	Poverty and Wealth
		TH 343	Modern American Drama

Minor Requirements

One of the introductory courses listed for the major (see above), other than a course required by the student's other department (s).

One of the methods courses listed for the major, other than a course required by the student's other department (s).

Four of the electives listed for the major. No more than two of these courses should come from the other department (s), and no more than two should be 100-level courses.

Honors

Honors in American Studies will be granted to students whose grade point average at graduation is at least 3.25 in courses required for the major, and who receive a grade of B+ or better in the American Studies Senior Project Seminar. High Honors will be accorded those who attain a grade point average of at least 3.75 in major courses and a grade of A- or better in the Senior Project Seminar.

Required for Graduation

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to residency requirement section of catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC 101	Individual and Community
IC 105	College Writing I
_____	Laboratory Science I
_____	Elective
_____	Elective

Spring Semester

IC 106	College Writing II
AS ____	100-Level Elective
_____	Laboratory Science II
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC 210	American Experience
IC 205	Experiencing the Arts
AS ____	Introductory Course
_____	Elective
_____	Elective

Spring Semester

IC 260	Twentieth Century
_____	Mathematics Requirement
AS ____	Introductory Course
AS ____	Introductory Course
IC 204	Portfolio Assessment

Junior Year

Fall Semester

IC 305	Science of Society I
IC 310	Ancient and Medieval*
AS ____	Methods Course
_____	Elective
_____	Elective

Spring Semester

IC 306	Science of Society II
IC 360	Reason and Romanticism*
AS ____	Elective
AS ____	Elective
_____	Elective

*One of these two courses may be taken either in the Fall or the Spring semester.

Senior Year

Fall Semester

IC 410	Senior Liberal Arts Seminar
AS 401	Senior Project Seminar
AS ____	Elective
_____	Elective
_____	Elective

Spring Semester

AS ____	Elective
_____	Elective
_____	Elective
_____	Elective
_____	Elective

AS 103 Fielder's Choice: American Culture and Baseball

3 credits

An exploration of the history of baseball with emphasis on its influences in American literature, art, film, music and language. Major social issues (e.g., the Civil Rights Movement) will be examined using baseball's own experiences in grappling with these dilemmas.

AS 301 Place, Community, and American Culture

3 credits

An introduction to the natural and cultural history of a place—using the FPC campus and nearby Rindge as a laboratory. Students will learn to observe nature and culture first hand, “read” the landscape, link local history to larger regional and national patterns, examine contemporary community issues, and understand the importance of sense of place.

AS 401 Senior Project Seminar

3 credits

A seminar featuring readings in the field of American Studies and culminating in an independent research and/or creative project on a particular aspect of American life and/or culture.

Anthropology (AN)

PROFESSOR: Debra S. Picchi

ASSISTANT PROFESSORS: Kelli A. Costa, Robert G. Goodby

A major and a minor are offered in Anthropology.

The human species is unique among all life forms because ours is at once a biological and a cultural form. A major objective of the Anthropology program is to guide the student to an appreciation of the complexity of our heritage and to an awareness that we stand at but one point in the vast continuum of human experience.

Patterns of course development chosen by students who wish to major in Anthropology may build general competency or a more specialized competency in one of the following areas: Archaeology, Biological Anthropology, or Cultural Anthropology. An applied component is part of the program. Course selection is guided by a major professor in light of specific student needs and may include course work in other disciplines.

A faculty advisor will assist those Anthropology majors interested in preparing for graduate school to develop a program at the Honors level. This is a different program from the College Honors Program. Anthropology Honors programs are designed for students oriented toward graduate study in a number of fields, such as urban studies, law, medicine, public archaeology, community resource development, national and international development agencies, and any of the social service professions.

An Honors candidate must have a 3.0 overall grade point average with a 3.25 in Anthropology and no grade lower than "C" in Anthropology. For High Honors a student must have an overall 3.0 average with a 3.5 in Anthropology. Both Honors and High Honors students are required to successfully defend a thesis.

Students who wish to minor in Anthropology may do so by working with an Anthropology faculty member in order to complete specified course work. The minor program is designed to complement the undergraduate's program of studies by introducing him or her to the cross-cultural perspective.

Completion of the Anthropology major program requires the completion of 46 credits in the major.

Students who intend to teach Anthropology (Social Science) in high school should refer to page 65 for information on the secondary teacher certification program.

Major Requirements

(In addition to the Individual and Community Curriculum, page 103 students must complete sections I through IV listed below.)

I Basic Course Work

- AN 101 Introduction to Anthropology
- AN 102 Human Origins
- AN 113 Introduction to Archaeology
- AN 201 Applied Anthropology
- AN 482 Anthropology Theory and Ethics

II A Methodology Course (one of two)

- AN 218 Quantitative Research Methods *or*
- AN 219 Qualitative Research Methods

III A Practicum (practical experience) (one of three)

(Taken during the academic year, January or the Summer between the sophomore/junior or junior/senior years)

- AN 495 Internship
- AN 213 Field Archaeology or Cultural/Archaeological field experience from another college.

IV Elective Course Work (six of the below - one from each section)

100-200 Level Courses

Cultural Anthropology Courses

- AN 225 Women and Culture
- AN 216 Human Sexuality
- AN 211 International Business Cultures

Applied Anthropology Courses

- AN 105 Culture Through Film
- AN 230 Celtic Europe
- AN 210 Contemporary Native America

Archaeology Courses

- AN 217 Archaeology of the Unknown
- AN 252 World Archaeology
- AN 221 Prehistoric Indians of N. America

300-400 Level Courses

Cultural Anthropology Courses

- AN 331 Violence and Aggression
- AN 317 Third World Problems
- AN 434 Ecological Anthropology

Applied Anthropology Courses

- AN 410 Feminist Theory
- AN 340 Anthropology of Tourism
- AN 320 The Archaeology of Gender

Archaeology Courses

- AN 352 The Archaeology of Ancient Egypt
- AN 311 Museology
- AN 435 Behavior and Biological Humans

Honors and High Honors candidates are also required to take:

- AN 490 Senior Thesis in Anthropology

Concentrations within the Major

Note: The following concentrations are recommendations.

Students majoring in Anthropology are not required to choose one of them.

Cultural Anthropology Concentration

100-200 level courses

- AN 116 Non-Western Cultures
- AN 216 Human Sexuality
- AN 211 International Business Cultures

300-400 level courses

- AN 331 Violence and Aggression
- AN 317 Third World Problems
- AN 437 Ecological Anthropology

Applied Anthropology Concentration

100-200 level courses

- AN 105 Culture Through Film
- AN 230 Celtic Europe
- AN 210 Contemporary Native America

300-400 level courses

- AN 410 Feminist Theory
- AN 340 Anthropology of Tourism
- AN 320 Archaeology of Gender

Archaeology/Physical Concentration

100-200 level courses

- AN 217 Archaeology of the Unknown
- AN 252 World Archaeology
- AN 221 Prehistoric Indians or North America

300-400 level courses

- AN 352 Archaeology of Ancient Egypt
- AN 311 Museology
- AN 435 Behavior & Biological Humans

Minor Requirements

Students who wish to minor in Anthropology may do so by working with an Anthropology faculty member to complete specified course work. The minor program enriches an undergraduate's program of study by means of cross-cultural and historical perspectives.

Requirements are as follows:

- AN101 Introduction to Anthropology
- AN102 Human Origins
- AN113 Introduction to Archaeology
- AN116 Non-Western Cultures or AN317 Third World Problems
- AN434 Ecological Anthropology or AN435 Behavior and the Biological Humans

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15-16 credits per semester. Transfer students should refer to residency requirement section of catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

- IC 105 College Writing I
- BI 101 Biology I
- IC 101 Individual & Community
- AN 101 or AN 113 Introductory Course
- _____ Elective

Spring Semester

- IC 106 College Writing II
- AN 102 Human Origins
- AN 201 Applied Anthropology
- AN _____ Anthro. Elective I (100-200 level)
- _____ Elective

Sophomore Year

Fall Semester

- IC 210 American Experience
- IC 205 Experiencing the Arts
- AN 101 or AN 113 Introductory Course
- AN 218 or AN 219 Methodology Requirement
- AN _____ Anthro. Elective 2 (100-200 level)

Spring Semester

- IC 260 Twentieth Century
- _____ Math Requirement
- IC 204 Portfolio Assessment Seminar
- AN _____ Anthro. Elective 3 (100-200 level)
- _____ Elective
- _____ Elective

Junior Year

Fall Semester

- IC 305 Science of Society I
- IC 310 Ancient & Medieval Worlds*
- AN _____ Anthro. Elective 4 (300-400 level)
- _____ Elective
- _____ Elective

Spring Semester

- IC 306 Science of Society II
- IC 360 Reason & Romanticism*
- AN 482 Anthropology Theory & Ethics** or
- AN _____ Anthro. Elective 5 (300-400 level)
- _____ Elective
- _____ Elective

*One of these two courses may be taken either in the Fall or the Spring semester.

** This course is offered every other spring in even years.

Senior Year

Fall Semester

- IC 410 Senior Liberal Arts Seminar
- AN _____ Anthro. Elective 6 (300-400 level)
- AN 400 Readings in Anthropology
- _____ Elective
- _____ Elective

Spring Semester

- AN 482 Anthropology Theory & Ethics** or
- AN _____ Anthro. Elective (300-400 level)
- AN 499 Independent Study or
- AN 490 Senior Thesis if Honors Student
- _____ Elective
- _____ Elective
- _____ Elective

** This course is offered every other spring in even years.

Anthropology Curriculum

AN 101 Introduction to Anthropology

3 credits

Introduces the four subfields of anthropology: archaeology, cultural anthropology, linguistics, and physical anthropology. Presents key concepts, terminology, principles, and methods used in each.

AN 102 Human Origins (laboratory)

4 credits

Investigates the processes by which humans have evolved biologically by the examination of the fossil record over the course of five million years.

AN 105 Culture Through Film

3 credits

This course is an introductory level course that examines wide-ranging cultures through the medium of ethnographic film. Through the use of ethnographic film, students will be able to visualize issues that correlate directly to the discipline of anthropology: culture, ecology, multiculturalism, and discourse.

- AN 113 Introduction to Archaeology (laboratory)** **4 credits**
Examines theory and methods of archaeological research and their underlying principles through the analysis of selected monographs and readings. Includes a laboratory section in which the examination and interpretation of research collections excavated by faculty and student members of the Department will be carried out. Field experience will be included when possible.
- AN 116 Non-Western Cultures** **3 credits**
Studies peoples from non-industrial cultures: their sexual mores, nonviolent solutions to conflict, and the changes affecting their cultures.
- AN 201 Applied Anthropology** **3 credits**
This course is an introduction to the field of applied anthropology which is characterized by problem-oriented research among the world's contemporary populations. Students will participate in a semester-long experiential field work project as well as analyze readings and case studies.
- AN 210 Contemporary Native America** **3 credits**
This course covers the history of Native America beginning with a brief review of archaeological evidence and culminating with present day issues of concern to Native Peoples. We will discuss issues such as spirituality, social issues, government relations, Native art, and education.
- AN 211 International Business Cultures** **3 credits**
Relates the theories and methods of cultural anthropology to business and management. Enhances students' sensitivity to cultural differences so that they more successfully relate to business in international and interethnic contexts.
Spring, odd-numbered years
- AN 213 Field Archaeology I (laboratory)** **4 credits**
Provides experience in basic archaeological techniques: site survey, excavation techniques, archaeological control, sampling techniques, mapping, analysis of pottery, tools and faunal remains, classification, interpretation, scientific method, and research design. *Prerequisite: permission of instructor.*
Summer
- AN 214 Field Archaeology II (laboratory)** **2 credits**
Additional training and experience in archaeological survey, excavation and laboratory processing experience. *Prerequisite: AN 213 or permission of instructor.*
Summer
- AN 215 Magic and Witchcraft** **3 credits**
Studies cross-culturally the phenomena of magic and witchcraft as features of the human experience in modern and ancient times. Magic, religion, and science are viewed as significant aspects of the evolving adaptiveness of human society.
- AN 216 Human Sexuality** **3 credits**
Examines the subject from biological and behavioral perspectives in an evolutionary framework. Separates misinformation about sexuality from scientific data. Reviews cross-cultural options for expression of sexuality which can be integrated into adult behavioral patterns. *Prerequisite: sophomore, junior or senior level.*
- AN 217 Archaeology of the Unknown** **3 credits**
Studies the archaeological evidence of alleged pre-Columbian, extraterrestrial, and hypothetical origins of various human cultures. Phenomena such as the Nazca lines, Sasquatch, Atlantis, and psychical archaeology are considered.
- AN 218 Quantitative Research Methods** **3 credits**
This course is an introduction to the social science research procedures that collect data which

are easily subject to statistical handling. It is designed to provide instruction and practice in methodological skills that include research design, techniques of data gathering, procedures for data analysis, and strategies for writing up of research findings. *Prerequisite: AN 101, SO 101 or SO 106.*

AN 219 Qualitative Research Methods

3 credits

This course is an introduction to the theoretical foundations and techniques of the qualitative research tradition in the social sciences. It is designed to give students a general background in procedures that include participant observation, life history analysis, intensive interviewing, note taking, and audio and visual recording. Extensive writing course. *Prerequisite: AN 101, SO 101 or SO 106.*

AN 221 Prehistoric Indians of North America

3 credits

Surveys historical and contemporary Native American origins and adaptations. The Indian's position in American society is reviewed. *Prerequisite: AN 101 or permission of instructor.*

AN 225 Women and Culture

3 credits

Compares and contrasts women's lives across time and space. Begins by discussing our hunting-and-gathering legacy before going on to examine the broad range of experiences women have in the modern world. Richly illustrates main theoretical points with examples from Latin America, Africa, Asia, and North America.

AN 230 Celtic Europe

3 credits

This course is designed to give students an introduction to Celtic Europe, what it is, what it means, and what it has meant in the past. We will discuss the archaeology of Celtic Europe, Celtic social structure, and its peculiar influence in today's social structure in the west, Celtic mythology, law, revivalism, and the Celtic diaspora.

AN 252 World Archaeology

3 credits

Traces the emergence of civilization in the Old and New Worlds. The circumstances that gave rise to the shift from hunting and gathering to farming, and in the last 5000 years to the origin of urbanism and civilization. *Prerequisites: AN102 and AN113 or permission of instructor.*

AN 311 Museology

3 credits

Examines the science and history of museums, their diversity and their role in contemporary society. Techniques in museum display, curation and preservation will also be covered.

AN 317 Third World Problems

3 credits

Examines social, political, and economic issues within historical and cultural contexts. Focus will be on Asian, Latin American, and Islamic societies.

AN 320 The Archaeology of Gender

3 credits

This course is a comprehensive feminist theoretical synthesis of the history of archaeological research on gender. Students examine the roles of women and men in such areas as human origins, the sexual division of labor, kinship and other social formations, state development, and ideology. *Pre-requisite: Intro to Archaeology, Intro to Women's Studies, or Permission of Instructor.*

AN 322 Human and Animal Skeletal Analysis

3 credits

Examines the bones and osteological structures of modern humans. Sex and age variations are studied. Forensic techniques will be applied to human skeletons and taphonomic studies to animal remains. *Prerequisite: AN 102 or permission of instructor.*

AN 331 Violence and Aggression

3 credits

Investigates theories that account for violence. Biological and cultural factors which affect how aggression is expressed. Anger management. *Prerequisite: AN 101, PS 101, or SO 101.*

AN 340 The Anthropology of Tourism

3 credits

This course will concentrate on two fields of anthropological inquiry: cultural and applied

studies. It will serve as an introduction to a specific area of anthropology, that of tourism, which has become the mainstay of cultural exchange among the general public.

Prerequisites: Introduction to Anthropology, Applied Anthropology, or permission of instructor.

AN 352 The Archaeology of Ancient Egypt

3 credits

Surveys the 3,000 years of this society and civilization. Emphasis will be on its art, architecture and literature, and how and why these cultural expressions changed over time. *Prerequisite: AN 113 or permission of instructor.*

AN 354 Human Genetics

3 credits

Examines the genetic material of humans. The behavior of genes in individuals, small groups, and populations. The relationship of genetics to evolution, medicine, and society. *Prerequisite: AN102 or permission of instructor.*

AN 400 Readings in Anthropology

1–5 credits

Encourages motivated students to pursue specialized knowledge in their major field. Required for students doing a Senior Thesis in Anthropology. *Prerequisites: Anthropology major and permission of instructor.*

AN 410 Feminist Theory

1–5 credits

This course charts the various contributions of anthropologists, feminist theorists, and others toward a rethinking of the aims and methods of feminist anthropology. We will focus on major areas of innovation including post-structural and post-colonial theories. *Prerequisites: Intro to Anthropology, Intro to Women's Studies, or permission of instructor.*

AN 413-414 Advanced Field Archaeology I and II

1–2 credits each

For students who have successfully completed an acceptable program of independent or supervised field study. *Prerequisites: Anthropology major and permission of instructor.*

Summer

AN 420 Evolution Seminar

1 credit

This course will examine the factual, historical, and philosophical basis of modern evolutionary theory using recent articles and publications. (also listed as BI420). *Prerequisites: junior or senior standing in Biology or Anthropology, or permission of instructor.*

AN 424 Advanced Archaeology Laboratory

3 credits

Examines techniques of laboratory analysis of archaeologically recovered data. Emphasis will be on practical hands-on experience with actual artifactual materials: lithic, ceramic and biological. *Prerequisite: AN 113 or permission of instructor.*

AN 431 Problems in Cross-Cultural Analysis

3 credits

Uses the Human Relations Area File to provide the research foundation for this seminar which stresses the articulation of problems in human behavior and social organization. *Prerequisites: AN 101 and PS 260 or AN218, or permission of instructor.*

AN 434 Ecological Anthropology

3 credits

Considers the interactional relationship between culture and the environment. Analysis will focus on cultural adaptations to energy resources. *Prerequisite: AN101 or BI101.*

AN 435 Behavior and the Biological Human

3 credits

Investigates and categorizes the kinds of human interactions. The relative influences of biology and culture on aspects of social behavior. *Prerequisite: AN 101 or SO 101 or BI 101.*

AN 482 Anthropology Theory and Ethics

3 credits

Examines the discipline of Anthropology from the perspective of disciplinary theory and ethics. *Prerequisite: Anthropology majors of junior or senior standing.*

AN 490 Senior Thesis in Anthropology

3 credits

Researches an original topic selected by the student and approved by the advisor. The student

must do a review of the relevant literature and synthesize ideas in a new way. Primary data collection is required using surveys, questionnaires, interviews, participant observations, or laboratory analyses. Theses are written under the guidance of a department advisor and two other faculty, and must be successfully defended before a thesis committee. *Prerequisite: AN 400 and senior honors in the Anthropology major.*

AN 495–497 Senior Internship in Anthropology

3–15 credits

Field experience in a learning situation. Only students who have demonstrated the ability to work independently and to present themselves in a professional manner are eligible for internships. Placement is arranged by a student in consultation with an anthropology faculty advisor. *Prerequisites: Anthropology major and permission of instructor.*

AN 299, 399, 499 Independent Study in Anthropology

3 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course. *Prerequisite: 3.0 cumulative grade point average.*

Art – Arts Management (AM)

ASSISTANT PROFESSOR: Kelly Kilcrease

INSTRUCTOR: Jason Little

AFFILIATED FACULTY: Richard Block (Graphic Communications), David Brandes (Music), Loretann Devlin-Gascard (Art History), Robert Diercks (Graphic Communications), Lee Dunholter (Theatre Arts), Wendy Dwyer (Dance); William Jenisch (Fine Arts), Robert Lawson (Theatre Arts), David MacAllister (Fine Arts), Ray Oakes (Mass Communication), Paul Scharfenberger (Music)

The Division of Business Administration offers a major in Arts Management with concentrations in Art History, Dance, Fine Arts, Graphic Communications, Mass Communication, Music, and Theatre Arts.

The Arts Management program of study combines a liberal arts core curriculum and an interdisciplinary blend of artistic and managerial courses. This framework will provide the student with the necessary theory and practice to begin a career as an artist; work in managerial settings of theatres, music organizations, art museums, dance groups and other arts organizations; or gain acceptance into a graduate program.

Major Requirements

In addition to the Individual and Community Curriculum (page 103), the following courses must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements. Divisional core requirements (page 48) do not apply to the Arts Management Major. In lieu of the Business Administration core comprehensive exam, Arts Management majors will be required to only take the major comprehensive exam.

BA 100 Introduction to Business

AC 105 Intro to Financial Accounting

ET 101 Principles of Economics I

MK 201 Principles of Marketing

AM 201 Principles of Arts Management

BA 258 Legal and Social Environment

AM 301 Arts Management Seminar

FM 224 Principles of Financial Management

AM 390 Internship in Arts Management

Choose one of the following:

MN 371 Small Business Management *or*

MN 314 Human Resource Management *or*

AN 311 Museology

Required for Graduation

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15-16 credits per semester. Transfer students should refer to Residency Requirement section of catalogue.

Arts Management Concentration in Art History

Two required courses:

- FA 101 Two-Dimensional Design *or*
- FA 102 Three-Dimensional Design
- FA 183 The History of Art

Four electives:

- FA 283 Greek and Roman Art
- FA 180 Foundations of Art
- FA 286 19th & 20th Century Art
- FA 380 History & Tech. of Art Criticism

Arts Management Concentration in Dance

- TH 132 Dance Movement II
- TH 205 Dance Technique & Composition I
- TH 215 Dance Technique & Composition II
- TH 344 Dance History
- TH 141 Production Performance Dance I
- TH 142 Production Performance Dance II

Two courses from the following for a minimum of eighteen total credits:

- TH 133 Dance Movement III
- TH 136 Theatre Dance and Jazz
- TH 137 Ballet I
- TH151 Costume Design & Construction
- TH 305 Dance Technique & Composition III
- TH 261 Lighting Design I
- TH 143 Production Performance Dance III
- TH 144 Production Performance Dance IV
- ID 241 Production Performance Musical

Arts Management Concentration in Fine Arts (Minimum of 6 courses)

Three required courses:

- FA 101 Two-Dimensional Design
- FA 201 Drawing I
- FA 180 Foundations of Art *or*
- FA 183 History of Art

Two to four studio electives from the following:

- FA 102 Three-Dimensional Design
- FA 211 Creative Photography I
- FA 221 Ceramics I
- FA 231 Painting I
- FA 241 Stained Glass I
- FA 251 Glassblowing I

One to three studio electives from the following:

- FA 302, 303, 304 Drawing II, III, IV
- FA 312, 313, 314
- Creative Photography II, III, IV
- FA 322, 323, 324 Ceramics II, III, IV
- FA 332, 333, 334 Painting II, III, IV
- FA 342, 343, 344 Stained Glass II, III, IV
- FA 352, 353, 354 Glassblowing II, III, IV
- FA 261, 362 Sculpture I, II
- GC 261,362
- Color Photography Workshop I, II

Arts Management Concentration in Graphic Communications

A minimum of 7 courses is required for the concentration.

Two Fine Arts courses:

- FA 101 Two-Dimensional Design
- and either:*
- FA 102 Three-Dimensional Design *or*
- FA 201 Drawing I *or*
- FA 211 Creative Photography I

At least one Graphic Communications elective:

- GC 452 Graphic Production II
- GC 367 Commercial Photography
- GC 341 Illustration
- GC 227 Calligraphy
- GC 371 Computer Graphic Design I
- GC 472 Computer Graphic Design II

Four Graphic Communications courses:

- GC 201 Graphic Design I
- GC 302 Graphic Design II
- GC 321 Typography
- GC 251 Graphic Production I

Arts Management Concentration in Mass Communication

The following four courses are required of all students seeking a concentration in Mass Communication:

- MC 100 Communications, Media and Society
- MC 271 Writing for the Electronic Media
- MC 342 Mass Communication Theory
- MC 341 Mass Media and Culture

Additionally, students must complete three courses in one of the following areas of concentration:

Journalism:

- MC 160 Journalism I: Breaking News
- MC 260 Journalism II: Reporting the News
- MC 360 Feature Writing

Media Studies:

- MC 301 Media Criticism
- MC 323 Understanding Film
- MC 472 Advanced Media Studies Seminar

Radio:

- MC 270 Media Programming or
- MC 355 Audio Production
- MC 300 Broadcast Journalism or
- MC 362 Media Marketing
- MC 470 Media Management

Television:

- MC 230 Intro. to Media Production
- MC 350 Television Directing or
- MC 450 Television Field Production or
- MC 451 Electronic Movie Making
- MC 355 Audio Production

Arts Management Concentration in Music

- MU 151 Theory of Music I
- MU 152 Theory of Music II
- Three semesters of private instruction on the same instrument
- Three semesters of ensemble

Choose one of the following sequences:

- MU 201, 202 History of Western Music I and II
- or

- MU 212, 213 Jazz History and Popular Musical Culture Since Bill Haley

Arts Management Concentration in Theatre

- TH 101 Introduction to the Theatre Arts
- TH 272 Theatre History Survey
- TH 211 Techniques of Acting I
- TH 111 Stagecraft I or
- TH 112 Stagecraft II
- TH 171 Production Design/Technical I
- TH 172 Production Design/Technical II
- ID 241 Musical Production I
- ID 242 Musical Production II

One Dramatic Literature course from the following:

- EN 310 Shakespeare Comedies & History
- TH 342 Modern European Drama
- TH 343 Modern American Drama

One course from the following group:

- TH 131 Dance Movement I
- TH 251 Scenography (Scenic Design) I
- TH 261 Lighting Design I
- TH 151 Costume Design & Construction

Two production courses from the following:

- TH 161 Production Performance I
- TH 162 Production Performance II

Recommended Courses for General Electives:

- TH 180 Public Speaking
- CS 101 Introduction to Computers or other Computer Elective
- BA 213 Business Law I
- MT 260 Statistics
- AD 304 Advertising
- AD 370 Advertising in America: A Cultural and Historical Perspective
- AM 299, 399, 499 Independent Study in Arts Management
- IB 211 International Business Cultures
- Courses from other Arts Management Concentrations

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC 105	College Writing I
_____	Laboratory Science I
IC 101	Individual and Community
BA 100	Introduction to Business
AC 105	Intro to Financial Accounting

Spring Semester

IC 106	College Writing II
_____	Laboratory Science II
ET 101	Principles of Economics I
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC 210	American Experience
IC 205	Experiencing the Arts
MK 201	Principles of Marketing
AM 201	Principles of Arts Management
_____	Elective

Spring Semester

IC 260	Twentieth Century
_____	Mathematics Requirement
IC 204	Portfolio Assessment Seminar
BA 258	Legal and Social Environment
_____	Elective

Junior Year

Fall Semester

IC 305	Science of Society I
IC 310	Ancient & Medieval Worlds*
FM 224	Principles of Financial Management
_____	Elective
_____	Elective

Spring Semester

IC 306	Science of Society II
IC 360	Reason & Romanticism*
MN_____	or AN311 Museology
AM 301	Arts Management Seminar
_____	Elective

* One of these two courses may be taken either in the Fall or the Spring semester.

Senior Year

Fall Semester

AM 390	Internship in Arts Management
_____	Elective
_____	Elective
_____	Elective
_____	Elective

Spring Semester

IC 410	Senior Liberal Arts Seminar
_____	Elective
_____	Elective
_____	Elective
_____	Elective

Arts Management Curriculum

AM 201 Principles of Arts Management

3 credits

The study of nonprofit and for-profit arts organizations including organizational structure, the board of trustees, staffing, marketing, fund raising, financial management, planning and evaluation. The course also addresses major trends taking place in the field and career opportunities. *Prerequisite: BA 100 - Strongly recommended*

AM 301 Arts Management Seminar

3 credits

This course examines problems and issues that face arts administrators of theatres, music organizations, art centers, dance groups and other arts organizations, through case studies. Students will apply the principles and business tools necessary in making sound decisions for arts organizations. *Prerequisites: AM 201 and junior class standing.*

AM 390 Internship in Arts Management

3 credits

The opportunity to gain experience in the administration of nonprofit or for-profit arts organizations. The internship is taken after most of the major or concentration requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and the Division Chair. Internships require a minimum of 165 hours of on-the-job work. Evaluation is made by the major internship

advisor and the Division Chair in consultation with the employer. *Prerequisites:* AC 101, AM 201, BA 100, BA 258, ET 101, MK 201, junior class standing, a CGPA of at least 2.0 and permission of Division Chair.

AM 299, 399, 499 Independent Study in Arts Management

2-3 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers 299, 399, or 499 depending on the level of the course.

ART – Fine Arts (FA)

PROFESSORS: William P. Jenisch, David MacAllister

ASSISTANT PROFESSOR: Loretann Devlin-Gascard

LECTURERS: Katherine Coker-Cronin, Peter Dixon, Jordana D. Korsen,
Susan Link Silverman, Robert D. Van Valzah, Elsa Voelcker

A major is offered in Fine Arts.

Minors are offered in Fine Arts and Art History.

A student majoring in Fine Arts is offered historical, critical, and practical instruction. Courses in Art History consider the forms, traditions, developments, and historical context of particular works. Studio courses provide instruction in the skills required by various methods and mediums to create art.

A major and a minor are also offered in Graphic Communications (see Graphic Communications, page 87).

Required courses:

(In addition to the Individual and Community Curriculum, page 103)

FA 101 Two-Dimensional Design

FA 201 Drawing I

FA 102 Three-Dimensional Design

FA 302 Drawing II

Two 100-level courses are required for students with a Fine Arts major.

At present, these are:

FA 180 Foundations of Art

FA 183 History of Art

One 200-level period course is required for Fine Arts majors.

At present the following are offered:

FA 281 Oriental Art

FA 283 Greek and Roman Art

FA 286 19th and 20th Century Art

One 300-level Art History course is required for Fine Arts majors.

At present the following is offered:

FA 380 History and Techniques of Art Criticism

Nine art studio courses from the following:

(four courses must be taken to 300 level and one medium to Level IV):

FA 303, 304 Drawing III, IV

FA 211, 312, 313, 314 Creative Photography I, II, III, IV

FA 221, 322, 323, 324 Ceramics I, II, III, IV

FA 231, 332, 333, 334 Painting I, II, III, IV

FA 235 Printmaking I

FA 241, 342, 343, 344 Stained Glass I, II, III, IV

FA 251, 352, 353, 354 Glassblowing I, II, III, IV

FA 261, 362 Sculpture I, II

GC 261, 362 Color Photography Workshop I, II

Seniors must present an acceptable senior portfolio prior to being declared candidates for the Baccalaureate Degree.

Requirements for a minor in Art History

Art History minors are required to take six art history courses from the following three levels:

Two 100-level courses are required for an Art History minor:

FA 180 Foundations of Art

FA 183 History of Art

Three 200-level courses are required for Art History minors:

FA 281 Oriental Art

FA 283 Greek and Roman Art

FA 286 19th and 20th Century Art

One 300-level course is required for Art History minors:

FA 380 History and Techniques of Art Criticism

Requirements for a minor in Fine Arts (Minimum of six courses)

Three required courses:

FA 101 Two-Dimensional Design

FA 180 Foundations of Art or

FA 201 Drawing I

FA 183 History of Art

Two to four studio electives from the following:

FA 102 Three-Dimensional Design

FA 231 Painting I

FA 205 Oriental Brush Painting

FA 241 Stained Glass I

FA 211 Creative Photography I

FA 251 Glassblowing I

FA 221 Ceramics I

One to three studio electives from the following:

FA 302, 303, 304 Drawing II, III, IV

FA 352, 353, 354 Glassblowing II, III, IV

FA 312, 313, 314 Creative Photography
II, III, IV

FA 261, 362 Sculpture I, II

FA 322, 323, 324 Ceramics II, III, IV

GC 261, 362 Color Photography
Workshop I, II

FA 332, 333, 334 Painting II, III, IV

FA 342, 343, 344 Stained Glass II, III, IV

Certification Program in Art

Certification in Art is for the levels kindergarten through twelfth grade (K–12). To complete the program, a student must complete a major in Art designed for certification candidates:

FA 212 Foundations of Art

FA 221 Ceramics I

FA 183 History of Art

FA 231 Painting I

FA 2__ 200-level Art History course

FA 261 Sculpture I

FA 380 History and Techniques of
Art Criticism

FA 235 Printmaking I

FA 101 Two-Dimensional Design

_____ 300-level Studio Elective

FA 102 Three-Dimensional Design

_____ 300-level Studio Elective

FA 201 Drawing I

_____ 300-level Studio Elective

FA 302 Drawing II

_____ Level IV in drawing, painting,
or ceramics

FA 211 Creative Photography I

For more information on teacher certification in art, and education requirements, refer to Education (ED). See page 63 of catalogue.

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to residency requirement section of catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC 105	College Writing I
_____	Laboratory Science I
IC 101	Individual and Community
FA 101	Two-Dimensional Design
FA 180	Foundations of Art

Spring Semester

IC 106	College Writing II
_____	Laboratory Science II
FA 102	Three-Dimensional Design
FA 201	Drawing I
FA 183	History of Art

Sophomore Year

Fall Semester

IC 210	American Experience
IC 205	Experiencing the Arts
FA 302	Drawing II
FA ____	Art Elective
_____	Elective

Spring Semester

IC 260	Twentieth Century
_____	Math Requirement
IC 204	Portfolio Assessment Seminar
FA ____	Art Elective
FA ____	Art Elective
_____	Elective

Junior Year

Fall Semester

IC 305	Science of Society I
IC 310	Ancient & Medieval Worlds*
FA ____	Art Elective
FA ____	Art Elective
_____	Elective

Spring Semester

IC 306	Science of Society II
IC 360	Reason & Romanticism*
FA ____	Art Elective
FA ____	Art Elective
_____	Elective

*One of these two courses may be taken either in the Fall or the Spring semester.

Senior Year

Fall Semester

IC 410	Senior Liberal Arts Seminar
FA ____	Art Elective
FA ____	Art Elective
_____	Elective
_____	Elective

Spring Semester

FA ____	Art Elective
FA ____	Art Elective
_____	Elective
_____	Elective
_____	Elective

Fine Arts Curriculum

FA101 Two-Dimensional Design

3 credits

An investigation of the fundamentals of design on a two-dimensional surface and within a rectilinear format. Attention will be given to qualities of line, qualities of tone, the dynamics of color and composition. *Materials fee.*

FA 102 Three-Dimensional Design

3 credits

An investigation of the fundamentals of designing in three dimensions. Emphasis on clay modeling, figure studies and non-figurative exploration of form and space relationships. *Materials fee.*

FA 180 Foundations of Art

3 credits

This course studies the major forms of art—architecture, sculpture, painting and graphic arts, and crafts—in terms of their elements, techniques and individual expression. By focusing on the nature of each of these forms separately, we will be able to observe that each form has its own set of rules which apply regardless of the culture-or period in which a work was produced. *Materials fee.*

FA 183 History of Art

3 credits

This course surveys architecture, sculpture, and painting from prehistoric times to the present. How did one style of art grow from another? Which cultures influenced one another? Which cultures have most strongly influenced our culture? *Materials fee.*

FA 201 Drawing I**3 credits**

An introduction to the methods of rendering forms and spaces according to the principles of figurative representation. Attention will also be given to methods of rendering tonal values. Students will employ a variety of tools and materials including pencil, charcoal, pen and ink, brush, conté, and pastels. Subjects will usually include still lifes, landscapes and the human figure. *Materials fee. Prerequisite: FA101 or permission of instructor.*

FA 205 Oriental Brush Painting**3 credits**

The introduction to the art and discipline of sumi-e, Oriental Ink Painting, through the study of the four traditional subjects: orchid, bamboo, chrysanthemum and plum. Emphasis will be placed on acquiring skill with specific brush strokes, composition and concentration. Study and analysis of ancient and contemporary masterworks of Oriental painting will be included. For the beginning and continuing students of sumi-e. *Materials fee.*

FA 211–312 Creative Photography I and II**3 credits each**

Introduction to the techniques of black and white photography, including exposing and developing film, making contact prints and enlargements. Emphasis on technical proficiency and creative potential of the image. A survey of the history of photography is undertaken as well in Photography II. *Prerequisite: Manually adjustable 35mm camera. Materials fee.*

FA 221–322 Ceramics I and II**3 credits each**

Introduction to wheel-throwing and hand-building techniques, glaze preparation, and the process of firing. Ceramics II includes advanced study of wheel-built and hand-built forms, glaze preparation, and kiln operation. *Materials fee.*

FA 231 Painting I**3 credits**

An introduction to painting on paper, panels, and stretched canvases. The painting will be of still lifes, models, and landscapes. *Materials fee. Prerequisite: FA201 or permission of instructor.*

FA 235 Printmaking I**3 credits**

An introduction to the methods and materials of printmaking techniques including linocut, woodcut, collograph, drypoint, and a variety of methods for art education majors who would apply this course towards the K-12 requirement. This would include string prints, vegetable and fruit prints and simple stencils. *Materials fee. Prerequisite: FA201 or permission of instructor.*

FA 241–342 Stained Glass I and II**3 credits each**

The art and discipline of traditional and contemporary stained glass. This involves the making of drawings and cartoons, pattern cutting, the cutting of the various glasses to size, subsequent leading or foiling into panels or Tiffany-style lamps, and glazing. Elements of color and design are explored, and work progresses from simple to more complex work. *Materials fee.*

FA 251–352 Glassblowing I and II**3 credits each**

The art of free hand-blown glass. Traditional tools and techniques are used to transform molten glass into utilitarian and decorative objects. *Materials fee.*

FA 261–362 Sculpture I and II**3 credits each**

Exploration in three dimensional creative relationships of form and space, with emphasis on one medium; clay modeling, stone carving, wood carving or welded steel. *Materials fee. Prerequisite: FA102 or permission of instructor.*

FA 281 Oriental Art**3 credits**

The art of India, Japan, China, and their peripheries. The objective of the course is threefold: to acquaint the Western student with a new artistic language; to examine historically the stylistic changes of Eastern art (Bronze, Sculpture, Calligraphy, Painting) and to interpret art as manifestations of cultural and historical ideas.

FA 283 Greek and Roman Art**3 credits**

The objects and architecture of ancient Greece and Rome from the Aegean and Etruscan cultures to very early Christian art, circa 300 A.D. Particular emphasis is placed on the ways in

which artistic styles and vocabularies of these ancient cultures evolved in relation to one another and independently.

FA 286 Nineteenth and Twentieth Century Art

3 credits

During the first half of the nineteenth century, visual expression was strained between the precision and logic of neoclassicism and the passion and brooding of romanticism. This controversy between styles marked the beginnings of radical changes in the forms and functions of art. Artistic styles emerged prolifically and in rapid succession. This course is designed to examine these issues.

FA 302 Drawing II

3 credits

An introduction to methods of rendering the human figure employing principles of line and tone. Particular attention will be given to the understanding and mastering of foreshortening as it applies to the figure. Work will be executed in a variety of materials including pencil, charcoal, pen and ink, brush, conté and pastels. The subjects will most usually be models, clothed and nude. *Materials fee. Prerequisite: FA 201*

FA 303–304 Drawing III and IV

3 credits each

A further development directed to the mastering of those methods and materials learned in Drawing I and II. Particular attention will be given to developing original compositions through the study of old and modern masters. Work executed in class will most often be of models, clothed and nude. *Materials fee. Prerequisite: FA 302.*

FA 313–314 Creative Photography III and IV

3 credits each

An extension of Creative Photography I and II with emphasis placed on the meaning and quality of images. *Materials fee. Prerequisite: permission of instructor.*

FA 323–324 Ceramics III and IV

3 credits each

Advanced study of wheel-throwing and hand-built forms, clay formation, glaze calculation and testing, and kiln design. *Materials fee. Prerequisite: permission of instructor.*

FA 332 Painting II

3 credits

Continuation of the study of easel painting using acrylics and/or oils. Students will be free to pursue aspects of realism or abstraction with emphasis given to applied theory. *Materials fee. Prerequisite: FA231.*

FA 333–334 Painting III and IV

3 credits each

A continuation of the study of easel painting with emphasis given to the development of one's personal vision. *Materials fee. Prerequisite: permission of instructor.*

FA 343–344 Stained Glass III and IV

3 credits each

A continuation of Stained Glass II with increased emphasis on technique and imagery. May include glass painting, staining, and etching. *Materials fee. Prerequisite: permission of instructor.*

FA 353–354 Glassblowing III and IV

3 credits each

A continuation of Glassblowing II with more emphasis on sophistication of design and technique. *Prerequisite: permission of instructor.*

FA 380 History and Techniques of Art Criticism

3 credits

The focus of this course is to trace the history of art criticism from antiquity to the present, and to investigate methods of criticism used to interpret and evaluate works of art.

FA 299, 399, 499 Independent Study in Art

2–6 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Biology (BI)

PROFESSORS: Richard L. Burns, Harry G. Davis, Paul M. Kotila,
Linda A. Malmgren, William C. Preston
ASSISTANT PROFESSOR: Rhine Singleton

A major is offered in Biology. Minors are offered in Biology and in General Science.

The Department of Biology offers a program of studies leading to a Bachelor of Arts (BA) or Bachelor of Science (BS) degree. The basic philosophy of the department is that a sound undergraduate program should provide either a solid foundation for specialized studies at the graduate level or a broad base of educational experience in preparation for career employment.

In keeping with this philosophy, course selection within the major is accorded sufficient flexibility to accomplish the objectives of students desiring to meet entrance requirements of graduate and professional schools, as well as those of students planning to end their formal studies with the Bachelor's Degree. The primary distinction between these two approaches is in the number and specificity of related courses in science and mathematics. In either case, the program provides students with the basic informational contents of the life sciences and with the disciplined attitudes, methods, and experiences of biological investigation.

Departmental Honors in Biology are awarded students achieving a 3.25 grade point average in Biology courses and a 3.00 grade point average in related science and mathematics courses. High Honors require a 3.50 grade point average in Biology courses and a 3.25 grade point average in related science and mathematics courses.

Students who intend to teach Biology in high school should refer to page 65 for information on the secondary teacher certification program.

Students interested in pre-health programs (Medicine, Dentistry, Veterinary Medicine) please refer also to page 15 for a list of courses necessary for adequate preparation for professional school.

Major Requirements

In addition to the Individual and Community Curriculum (page 103), a minimum of 48 credits (Bachelor of Arts) or 56 credits (Bachelor of Science) in the major must be completed successfully, with a grade point average of at least 2.00.

Bachelor of Arts

BI 211 Genetics
BI 212 Cellular Biology *or*
BI 325 Microbiology
BI 218 Ecology
BI 480 Biology Seminar
BI 481 Senior Thesis *or*
BI 460 Internship in Biology
CH 101-102 General Chemistry I & II
CH 211 Organic Chemistry I
Two semesters of Mathematics
Four Biology electives, including at least one from each group.

Bachelor of Science

BI 211 Genetics
BI 212 Cellular Biology *or*
BI 325 Microbiology
BI 218 Ecology
BI 480 Biology Seminar
BI 481 Senior Thesis
CH 101-102 General Chemistry I & II
CH 211-212 Organic Chemistry I & II
MT 151-152 Algebra & Trig. I & II *or*
MT 221-222 Calculus I & II
PH 101-102 Physics I & II
Three Biology electives, including at least one from each group.

Biology Electives

Four Biology electives (12 credits minimum) for B.A. and three Biology electives (9 credits minimum) for B.S.

Ecology and Systematics

BI 221	Entomology
BI 223	Local Flora*
BI 225	Ornithology*
BI 250	Introduction to Plant Biology
BI 365	Limnology
BI 312	Vertebrate Zoology
BI 318	Invertebrate Zoology
BI 324	Biology of Algae
BI 326	Parasitology

Anatomy and Physiology

BI 212	Cellular Biology
BI 260	Human Anatomy and Physiology
BI 325	Microbiology
BI 351	Endocrinology
BI 355	Ecophysiology

*offered in summer sessions only

Minor in Biology

Requirements:

BI101-102 Biology I & II	8 credits
Two elective courses in Biology at the 200 level or above (excluding Biophotography, BI233)	6-8 credits
Two elective courses in Biology at the 300 level or above	6-8 credits
At least two of the four elective courses must be laboratory courses (4 credits or more).	
Total	22-24 credits

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to residency requirement section of catalogue.

Recommended Curriculum Guide – Bachelor of Arts

Freshman Year

Fall Semester

IC 105	College Writing I
BI 101	Biology I
IC 101	Individual and Community
CH 101	General Chemistry I
MT ____	Mathematics Requirement

Spring Semester

IC 106	College Writing II
BI 102	Biology II
CH 102	General Chemistry II
_____	Elective
MT ____	Mathematics Requirement

Sophomore Year

Fall Semester

IC 210	American Experience
IC 205	Experiencing the Arts
BI 218	Ecology
CH 211	Organic Chemistry I
IC 204	Portfolio Assessment Seminar

Spring Semester

IC 260	Twentieth Century
BI 211	Genetics
BI ____	Biology Elective
BI ____	Biology Elective

Junior Year

Fall Semester

IC 305	Science of Society I
IC 310	Ancient & Medieval Worlds*
BI ____	Biology Elective
_____	Elective
_____	Elective

Spring Semester

IC 306	Science of Society II
IC 360	Reason & Romanticism*
_____	Elective
BI 212	Cellular Biology or
BI 325	Microbiology
BI 480	Biology Seminar

* One of these two courses may be taken in the fall or spring semester

Senior Year

Fall Semester

IC 410	Senior Liberal Arts Seminar
BI ____	Biology Elective
_____	Elective
_____	Elective
_____	Elective

Spring Semester

BI 481	Senior Thesis <i>or</i>
BI 146	Internship in Biology
_____	Elective
_____	Elective
_____	Elective
_____	Elective

Recommended Curriculum Guide – Bachelor of Science

Freshman Year

Fall Semester

IC 105	College Writing I
BI 101	Biology I
IC 101	Individual and Community
CH 101	General Chemistry I
MT 151	Algebra & Trigonometry I <i>or</i>
MT 221	Calculus I

Spring Semester

IC 106	College Writing II
BI 102	Biology II
CH 102	General Chemistry II
_____	Elective
MT 152	Algebra and Trigonometry II <i>or</i>
MT 222	Calculus II

Sophomore Year

Fall Semester

IC 210	American Experience
IC 205	Experiencing the Arts
BI 218	Ecology
CH 211	Organic Chemistry I
IC 204	Portfolio Assessment Seminar

Spring Semester

IC 260	Twentieth Century
BI ____	Biology Elective
BI 211	Genetics
CH 212	Organic Chemistry II

Junior Year

Fall Semester

IC 305	Science of Society I
IC 310	Ancient & Medieval Worlds*
BI ____	Biology Elective
PH 101	Physics I
_____	Elective

Spring Semester

IC 306	Science of Society II
IC 360	Reason & Romanticism*
BI 480	Biology Seminar
PH 102	Physics II
BI 212	Cellular Biology <i>or</i>
BI 325	Microbiology

* One of these two courses may be taken in the fall or spring semester

Senior Year

Fall Semester

IC 410	Senior Liberal Arts Seminar
BI ____	Biology Elective
_____	Elective
_____	Elective
_____	Elective

Spring Semester

BI 481	Senior Thesis
_____	Elective
_____	Elective
_____	Elective
_____	Elective

Biology Curriculum

BI 101 and 102 Biology I and II (laboratory)

4 credits each

The human species, the basic mechanisms of life, and the delicate balance in the biosphere. In Biology I the approach is through study of life processes from the molecular to the organ system level of structure. Biology II studies the evolutionary process, the diversity of living things, ecological relationships, and the impact of the human species on the biosphere.

Fall, Spring

- BI 211 Genetics (laboratory)** **4 credits**
 Hereditary mechanisms of cells, individuals, and populations. Experiments and reasoning through which genetic information has been achieved will be described and analyzed. Heredity in microbes, plants, and animals is explored from the molecular, chromosomal and phenotypic points of view. Genetics is presented as unifying the study of all organisms. *Prerequisite: BI 102*
 Spring
- BI 212 Cellular Biology (laboratory)** **4 credits**
 Cell chemistry, structure, replication, and physiology. Bacterial, plant, and animal cells are considered with the objective of developing a conceptual model of the cell adequate to explain its operation. *Prerequisite: BI 211.*
 Spring, alternate years
- BI 217 Tropical Forest Ecology** **4 credits**
 This course will introduce the fundamental characteristics of the rainforest and adjacent ecosystems. Students will learn, through direct observation, lectures, seminars, field exercises and interpretation, about the physical and biological forces that shape the tropical forest and its plant and animal inhabitants. The course begins with a series of seminars in the fall semester on campus, followed by an extended field trip to Costa Rica during the winter break. *Prerequisites: BI 101 and BI 102.*
 Fall-January
- BI 218 Ecology (laboratory)** **4 credits**
 The interactions of individual organisms, populations, and communities with their environments. Lectures and laboratories emphasize principles and techniques of ecological investigations. *Prerequisite: BI 102.*
 Fall
- BI 221 Entomology (laboratory)** **4 credits**
 Insect morphology, physiology, and behavior. Special topics include pest management strategies, medically important arthropods, and pesticide use and resistance. An accurately identified and properly curated student collection is required. *Prerequisite: BI 102.*
 Fall, alternate years
- BI 223 Local Flora** **3 credits**
 Identification of local flowering plants. The use of keys and herbarium specimens in identification and knowledge of characteristics of a number of common plant families. Each student is required to collect a personal herbarium. *Prerequisite: BI 102.*
 Summer
- BI 225 Ornithology** **3 credits**
 Structural, functional, and behavioral adaptations of birds. Frequent field trips to identify local birds and to observe nesting activities. *Prerequisite: BI 102.*
 Summer
- BI 231 Animal Behavior** **3 credits**
 The integration of traditional ethology and comparative psychology by using the major biological paradigm of evolution. Readings and lectures discriminate the levels of behavioral analysis, from physiological to ecological, and the method of investigation used at each level.
 Spring, alternate years
- BI 233 Biophotography (laboratory)** **4 credits**
 The techniques involved in photographing biological specimens of all types. Students learn about the physical properties of light, the principles of photomicrography and macrophotography, nature photography, medical portrait photography, and slide production techniques. The student must own or have the use of, and be familiar with, the operation of a 35mm camera.
 Spring, alternate years

BI 235 Human Health and Nutrition**3 credits**

A survey of human nutrition that is accurate, up-to-date, and consistent with scientific principles. The course is designed in such a way that the information presented may be easily understood, enjoyed, and found applicable to important concerns in the daily lives of students with little scientific background.

Spring, alternate years

BI 250 Introduction to Plant Biology (laboratory)**4 credits**

The evolutionary history of the plant kingdom. Cytology, anatomy, physiology, and reproduction of land plants. *Prerequisite: BI 102.*

Fall, alternate years

BI 260 Human Anatomy and Physiology (laboratory)**4 credits**

The structural and functional coordination of human cells, tissues, organs, and organ systems in the context of the overall life of humans. The workings of the human body in health and disease. *Prerequisite: BI 102.*

Fall, alternate years

BI 312 Vertebrate Zoology (laboratory)**4 credits**

The vertebrates, with consideration of classification, adaptive radiation, functional morphology, and natural history of each class. Laboratory work stresses identification and field studies of local vertebrate fauna. *Prerequisite: BI 102.*

Spring, alternate years

BI 318 Invertebrate Zoology (laboratory)**4 credits**

The invertebrates, with consideration of classification, diversity, natural history, and functional morphology. Field collections and study of marine, freshwater, and terrestrial invertebrates. *Prerequisite: BI 102.*

Spring, alternate years

BI 324 Biology of Algae (laboratory)**4 credits**

Evolution, taxonomy and morphology of the major groups of freshwater and marine algae. Emphasis on the distribution and function of algae in the environment. *Prerequisite: BI 102.*

Fall, alternate years

BI 325 Microbiology (laboratory)**4 credits**

Morphology, physiology, genetics and cultural characteristics of microorganisms with emphasis on their impact on humans in disease, food production and pollution. *Prerequisite: BI 102.*

Spring, alternate years

BI326 Parasitology (laboratory)**4 credits**

Host-parasite relationships. The medically important protozoan and metazoan parasites of humans and domestic animals. *Prerequisite: BI 102; CH 102 recommended.*

Fall, alternate years

BI 342 Conservation Biology**3 credits**

A course on the problems of protecting and maintaining biological resources, including endangered species and ecosystems. Application of ecological concepts to maintenance and management of individual species and biodiversity will be emphasized. Ethical, legal and social aspects of these problems will be discussed. *Prerequisite: BI 102; ES 101 or BI 218.*

Fall

BI 351 Endocrinology (laboratory)**4 credits**

Structure and physiology of endocrine glands and associated hormones. Basic physiological and specific endocrinological laboratory techniques will be practiced. *Prerequisites: BI 211, CH 211.*

Spring, alternate years

BI 355 Ecophysiology (laboratory) 4 credits

This course will introduce students to some of the different evolutionary adaptations that allow animals and plants to function in their natural environments. It will examine physiological diversity across taxonomic groups, as well as a range of environments. *Prerequisite: BI 102.*

Fall, alternate years

BI 365 Limnology (laboratory) 4 credits

This course examines the physical, chemical and biological characteristics of inland lakes and streams. The laboratory emphasizes field and bench techniques for measuring qualitative and quantitative characteristics of these systems. *Prerequisite: BI102; CH102 recommended.*

Fall, alternate years

BI 420 Evolution Seminar 1 credit

This course will examine the factual, historical, and philosophical basis of modern evolutionary theory using recent articles and publications. (also listed as AN420) *Prerequisites: junior or senior standing in Biology or Anthropology or permission of instructor.*

BI 430 Forest Ecology (laboratory) 4 credits

This course examines the basic ecological processes that influence forest type and forest structure. Topics covered range from broad scale landscape patterns of natural and human disturbance to the specific habitat requirements of individual plant species. The lab section consists of weekly field trips to forests both on and off the FPC campus, and we will emphasize quantitative techniques for the collection and interpretation of field data, as well as basic natural history. *Prerequisites: BI 218 and MT260 or permission of instructor.*

BI 460-462 Internship in Biology 2-6 credits

An on-site, field experience with a public or private agency or institution such as a biological laboratory, hospital, natural resources department or public health office. Internships normally require a minimum of 55 hours of on-the-job work per semester-hour of credit, a grade point average of 3.00 or higher, and demonstrated ability to complete the work expected. Internships are developed in consultation with a faculty internship advisor and require approval of the advisor, prospective internship supervisor, and the Division Chair. Evaluation is made by the internship advisor, in consultation with the supervisor. *Prerequisites: Biology major, junior or senior standing, and permission of the instructor.*

BI 480 Seminar in Biology 2 credits

Reading and discussions of selected topics. Consideration of the goals and methods of biological research. Required of all Biology majors. *Prerequisite: junior standing.*

Spring

BI481 Senior Thesis 3 credits

A student is required to define a problem or objective in consultation with a departmental advisor, conduct the necessary research, and then write a thesis or execute a project of corresponding value. Required of all B.S. Biology majors. *Prerequisites: senior standing and permission of instructor; BI 480.*

BI 299, 399, 499 Independent Study in Biology 2-6 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Business Program

PROFESSORS: Bonnie C. Black, Robert A. Coburn, Edward J. Dennis,
Benjamin G. Gardiner, T. David McCullough, Frederick J. Walsh,
Robert F. Wiesenauer, Margaret S. Ziegler

ASSOCIATE PROFESSOR: Bryan O'Neil

ASSISTANT PROFESSOR: Kelly Kilcrease

INSTRUCTOR: Jason Little

Majors in the Business Program are offered in Accounting (AC), Advertising (AD), Arts Management (AM), Economic Theory (ET), Financial Management (FM), International Business (IB), Management (MN), Marketing (MK), and Sports and Leisure Management (SL).

Students wishing to major in other specific areas such as Entrepreneurship/Small Business may follow the procedures outlined under Student-Designed Majors (page 166), and design an appropriate program tailored to their goals through electives, independent studies and internships.

Minors in Accounting, Economic Theory, Financial Management, Marketing, Management, and International Business are offered for students who are majoring in areas of study within the Business Program.

Students majoring in areas of study outside the Business Program may minor in any of the Business Program areas of study.

Minors in Advertising (AD), Business Administration (BA), Economic Theory (ET) and Sports and Leisure Management (SL) are available to any student.

Note: Divisional policy requires that a grade of C- or better be obtained in the applicable Principles course before upper level courses may be taken.

To complete degree requirements for the Bachelor of Science degree, the student must complete successfully the Individual and Community Curriculum, the core course requirements of the Division of Business Administration, and the course requirements of the major. Course requirements of the major must be completed with a minimum grade point average of 2.0. Comprehensive examinations in the Business Administration core and in the chosen major must be passed. A student will be allowed to take Business Administration core and major comprehensive examinations no more than twice in any academic year. A student may not major in more than one area within the Division of Business Administration. Students wishing to graduate with a Bachelor of Arts degree must complete two semesters of a foreign language, at least one of those semesters at the intermediate or higher level, in addition to all other requirements for the Bachelor of Science degree.

Students majoring in the Division of Business Administration may pursue a minor in an additional area within the division. The requirements for minors are seven additional courses which are applicable to the area of minor study and are approved by the appropriate department and the Division Chair. None of these courses may be credited toward other college or division requirements.

Requirements and course descriptions may be found on the following pages:

Accounting – page 17, Advertising – page 21, Economic Theory – page 60, Financial Management – page 84, International Business – page 113, Management – page 116, Marketing – page 118 and Sports and Leisure Management – page 161.

Division Core Requirements

All students graduating with a major in one of the Division of Business Administration areas must complete successfully the following courses:

AC 105 Intro to Financial Accounting	BA 258 Legal & Social Environment of Business
BA100 Intro to Business	IB 363 The Global Economy
ET 101 Principles of Economics I	MT 260 Statistics
FM 224 Principles of Financial Management	BA 471 Senior Business Seminar

** Each student must also complete a thesis, an internship, a senior research project, or a business plan.*

Divisional Honors

An Honors candidate for any major in the Business Program must have a 3.0 overall grade point average and a 3.25 grade point average, with no grade lower than a C, in all major courses. A candidate for High Honors will meet all requirements for Honors, but will have a 3.5 or higher grade point average for those courses specified for the major. Candidates for Honors/High Honors must have completed and defended a thesis in their major area.

Business Administration (BA)

A minor is offered in Business Administration

Minor Requirements

Award of the minor in Business Administration requires successful completion of the following courses:

BA 100	Intro to Business	FM 225	Principles of Financial Management
AC 105	Intro to Financial Accounting	BA 390	Internship in Business
ET 101	Principles of Economics I	BA 258	Legal & Social Environment of Business
IB 363	The Global Economy		

Business Administration Curriculum

BA 100 Introduction to Business

3 credits

The course gives students insight into business activities and tools.

BA 210 Business Executive Conferences

2 credits

This experience is a series of discussions and seminars with Business Executives in several industries in the New York Metropolitan area. Students travel to various places of business and are exposed to a variety of experts with differing points of view. Oriented toward large corporate cultures. *Prerequisite: permission of course coordinator; junior standing suggested.*

BA 213 Business Law I

3 credits

Principles of the law of contracts, sales, and agency. An overview of torts and criminal law. Using the problem-solving method, this course is intended to develop an awareness of and a logical approach to the legal factors which affect business decisions. *Prerequisite: AC 101 and MN 201, or permission of instructor.*

BA 214 Business Law II

3 credits

The law of commercial paper, partnerships, corporations, real property, personal property, and bailments. *Prerequisite: BA 213.*

BA 229 Report Writing for Business

2 credits

Research methods, data presentation, and idea organizing in formal and informal reports prepared in an organizational context. *Prerequisites: IC 106, MN 201.*

BA 245 International Business Law and Its Environment

3 credits

This course emphasizes the law as it affects international business transactions whether in the area of trade, licensing, or investment. Particular emphasis focuses on comparison of laws of different countries. The cultural, political, and economic forces which impact management decision-making for the business person are examined. *Prerequisite: BA 213.*

BA 258 The Legal and Social Environment of Business

3 credits

A study of the legal, economic, ethical, and political environments which influence the decision-making process of profit and not-for-profit organizations. Topics include the nature of law and the legal system, consumer law, securities and antitrust law, labor law, environmental law and corporate social responsibility. *Prerequisite: BA 213.*

BA 265 Law and the Environment**3 credits**

This course provides an overview of administrative law, and federal and state environmental statutes and regulatory policy affecting the environment. Emphasis will be on constitutional issues as well as on specific substantive laws arising out of the basic concepts of the common law, contract law and property law. Criminal law and the environment, and international environmental law will also be covered. *Prerequisites: ES101, BI101, and BI102 or by permission of the instructor.*

BA 374 Research Methods in Business Administration**3 credits**

The collection, analysis, and reporting of research data as applicable to business topics. Research project selection, hypothesis development, reporting formats, types and sources of data, collection instruments and techniques, statistical and non-statistical analytical techniques, and preparation and writing of the finished report. *Prerequisite: junior class standing.*

BA 390 Internship in Business Administration**2-3 credits**

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the internship advisor and the Division Chair in consultation with the employer. *Prerequisites: AC 102, ET 102, MN 201, MK 201, junior class standing, a CGPA of at least 2.0 and permission of Division Chair.*

BA 391 Internship in Business Administration**2-3 credits**

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for BA 390. The granting of more than 3 credits for one internship will be a rare occurrence. *Prerequisite: BA 390.*

BA 410 World Business and Finance**3 or 4 credits**

This course allows the student to learn from a variety of business and government decision makers overseas. The course allows the student to personally experience a variety of environments (economic, cultural, legal, and political) and international institutions such as the Organization for Economic Cooperation and Development. *Prerequisite: permission of Course Coordinator.*

BA 420 World Business and Finance

Same as BA 410. Allows student to repeat the experience of BA 410 in a different world area.

BA 471 Senior Business Seminar**3 credits**

Examination of administrative problems through case studies. Familiarization with current business issues through readings and discussions. Students apply the principles they have learned and develop an appreciation for the enterprise as an integrated system of resources. *Prerequisite: second-semester senior standing.*

Chemistry (CH)

ASSOCIATE PROFESSOR: Frank Hubacz, Jr.

A minor is offered in Chemistry.

Minor Requirements

The Chemistry minor is made up of five required courses plus one elective in Chemistry:

CH 101-102	General Chemistry I and II	CH 312	Quantitative Analysis
CH 211-212	Organic Chemistry I and II	CH ____	Elective

Chemistry Curriculum

CH 101-102 General Chemistry I and II (laboratory) **4 credits each**

Fundamental principles of chemistry including atomic structure, the periodic system, kinetic molecular theory, properties of elements and compounds, chemical equilibrium, reaction kinetics, and chemical thermodynamics. *Prerequisite: high school Algebra.*

CH 211-212 Organic Chemistry I and II (laboratory) **4 credits each**

Principal classes of aliphatic and aromatic compounds, with emphasis on class reactions and structural theory. Laboratory exercises include the preparation and purification of selected organic compounds. *Prerequisite: CH 102.*

CH 221 Environmental Chemistry (laboratory) **4 credits**

A survey of environmental problems. Topics include air, ground, and water pollution, waste water treatment, and solid waste management. *Prerequisite: CH102.*

Spring of alternate years

CH 312 Quantitative Analysis (laboratory) **4 credits**

An introductory course in analytical chemistry including gravimetric and volumetric techniques, UV absorption spectroscopy, and gas chromatography. *Prerequisite: CH 102.*

Spring of alternate years

CH 321 Biochemistry (laboratory) **4 credits**

A basic course in biochemistry concerned with the structure, synthesis and metabolism of carbohydrates, proteins, and lipids. *Prerequisites: BI 212, CH 211.*

Alternate years

CH 299, 399, 499 Independent Study in Chemistry **2-3 credits**

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

CH 460-462 Internship in Chemistry **2-6 credits**

An on-site, field experience with a public or private agency or institution such as an analytical laboratory, hospital, or environmental firm. Internships normally require a minimum of 55 hours of on-the-job work per semester-hour of credit, a grade point average of 3.00 or higher, and demonstrated ability to complete the work expected. Internships are developed in consultation with a faculty internship advisor and require the approval of the advisor, prospective intern supervisor and the Division Chair. Evaluation is made by the internship advisor in consultation with the employer. *Prerequisites: Chemistry minor, junior or senior standing, permission of instructor.*

Computer Science (CS)

ASSOCIATE PROFESSOR: Sudarshan Erramilli

VISITING ASSISTANT PROFESSOR: Gary A. Heald

INSTRUCTOR: Jason Little

A major and two different minors are offered in Computer Science.

The major in computer science combines a liberal arts education with major requirements in computer science. Students wishing to pursue graduate education are urged to intensify the Computer Science program through extra Computer Science and mathematics courses.

Honors

Departmental Honors in Computer Science are awarded students achieving a 3.25 grade point average in major courses. High Honors are awarded for a 3.50 grade point average in major courses.

Major Requirements

In addition to The Individual and Community Curriculum (page 103), a total of 45 credits in the major must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements. These courses include 6 specified computer science and 2 specified mathematics courses, as well as 6 computer science courses chosen from a bank of Computer Science electives and one mathematics (MT) elective.

Specified CS Courses:

CS211	Introduction to Programming	CS244	Fundamentals of Computing I
CS245	Fundamentals of Computing II	CS310	Computer Organization
CS360	Architecture & Operating Systems	CS474	Senior Computer Science Seminar

Specified Math Courses:

MT211	Discrete Mathematics	MT212	Discrete Structures
A third mathematics course (not IC201)			

CS Electives (6 must be chosen)

CS140	Electronic Spreadsheets	CS220	Programming for Windows
CS320	Software Design	CS343	DataBase Management Systems
CS354	Data Communications	CS370	Programming Languages
CS375	Algorithms & Computation Theory	CS390	Internship in Computer Science
CS423	Systems Analysis and Design	CS462	Artificial Intelligence
CS299, 399, 499 Independent Study			

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to residency requirement section of catalogue.

Minor in Computer Science

The computer science program offers a variety of courses to enable students from every major to use computers effectively in their fields. A minor in computer science allows a practical exposure to some of these possibilities. Required courses for a minor are:

CS211	Introduction to Programming	CS244	Fundamentals of Computing I
CS245	Fundamentals of Computing II		

In addition, 9 credits selected from Computer Science courses of level number CS300 or higher must be taken. The use of MT211, Discrete Mathematics, to fulfill the core requirement in mathematics is recommended.

Minor in Computer Information Systems

Many students possess an interest in computer courses which have a specific application to

areas of business, science, etc. The minor in computer information systems allows them to take the more applications-oriented Computer Science courses to fulfill the minor requirement.

The minor in computer information systems (CIS) requires completion of three introductory courses:

CS101	Introduction to Computers	CS211	Introduction to Programming
CS140	Electronic Spreadsheets		

And three 300/400 level courses, chosen from the following:

CS343	Data Base Management Systems	CS390	Internship in Computer Science
CS345	Data Communications	CS399, 499	Independent Study
CS423	Systems Analysis and Design		

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Science Requirement I
IC101	Individual and Community
CS101	Introduction to Computers or
CS211	Introduction to Programming

Spring Semester

IC106	College Writing II
_____	Science Requirement II
CS211	Introduction to Programming or
CS101	Introduction to Computers
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
CS244	Fundamentals of Computing I
MT211	Discrete Mathematics
_____	Elective

Spring Semester

IC260	Twentieth Century
IC204	Portfolio Assessment Seminar
CS245	Fundamentals of Computing II
MT212	Discrete Structures
_____	Mathematics Requirement
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
MT____	Mathematics Elective
CS____	Elective
CS____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
CS____	Elective
CS____	Elective
_____	Elective

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
CS310	Computer Organization
CS____	Elective
_____	Elective
_____	Elective

Spring Semester

CS474	Senior CS Seminar
CS360	Architecture & Operating Systems
_____	Elective
_____	Elective
_____	Elective

Computer Science Curriculum

CS101 Introduction to Computers

3 credits

The fundamentals of hardware, software, and application skills: word processing, spreadsheet, data base management, communication, including Internet and Worldwide Web, technological trends, and related social issues.

CS130 Filing and Data Applications

3 credits

The study of terms and terminology of relational databases as they pertain to today's popular software packages. A database software package will be used to illustrate setting up database layout, reports, queries, screen layout and various other functions.

CS140 Electronic Spreadsheets**3 credits**

Students learn to organize collections of data, perform mathematical operations, and produce graphs and reports with those data, using an electronic spreadsheet such as MS Excel. The emphasis is on a project-oriented approach, and requires students to apply their spreadsheet skills to solving real-world applications. *Prerequisite: CS101 or equivalent.*

CS211 Introduction to Programming**3 credits**

Programming is at the heart of the discipline of computer science. Programming means the constructing of a logical sequence of steps in a strict framework to get the computer to complete a task. Central here are the understanding of programming language rules, and the ability to be logical and goal-oriented. No previous knowledge of programming is assumed, but what is needed is the fundamental understanding of Windows 95, file maintenance, and software behavior. *Note: A grade of C+ or better in CS211 is required before taking further Computer Science courses.*

CS220 Programming for Windows Applications**3 credits**

Explores the concepts of object-oriented/event-oriented applications and the basic techniques needed for Windows programming using Visual Basic or another appropriate language. *Prerequisite: CS 211.*

CS244 Fundamentals of Computing I**3 credits**

This is a programming course, and by analyzing, writing, revising, and executing a number of programs, you will learn language syntax, structured and object-oriented programming, and algorithm development. We will learn the syntax and structure of programming up through arrays and records. We will also learn algorithm development and structured programming skills that are applicable to programming in any high-level language. *Prerequisite: CS211.*

CS245 Fundamentals of Computing II**3 credits**

This is an advanced programming class. Students are expected to come to it with knowledge of language syntax, structured and object-oriented programming, algorithm development, editor use, and compiling and execution. The course will begin at records and arrays and move to more sophisticated structures. *Prerequisite: CS244 or permission of instructor.*

CS262 Object-Oriented Programming**3 credits**

This course concentrates on program specification and design. Topics discussed are the related combinations of data; operators and functions; inheritance; construction, access control; and overloading. *Prerequisites: CS244, CS245 or permission of instructor.*

CS310 Computer Organization**3 credits**

Principles of computer architecture are introduced from a layered perspective, beginning with data representation and progressing through memory organization, input/output, operating systems, CPU structure, and multiprocessing. Some machine and assembly language programming may be used to demonstrate processing behavior. *Prerequisite: CS245 or permission of instructor.*

CS320 Software Design**3 credits**

Concentrates on a logical, systematic approach of identifying software requirements through the development of those requirements. It examines the software life cycle, including requirements, specification, planning, program design methodologies, structured programming, maintenance, quality assurance, software project management and control. *Prerequisite: CS245 or permission of instructor.*

CS343 Data Base Management Systems**3 credits**

The course presents database management systems with emphasis both on theory and practice. Along with a comprehensive coverage of database concepts and design, the database system is presented as a critical part of the larger information system. The students apply these aspects to the design and implementation of a real-world database application. The practical component of the course involves learning a database environment, such as MS Access and SQL. *Prerequisite: CS245 or permission of instructor.*

CS354 Data Communications**3 credits**

Data communications is an essential component of all modern computer systems; it encompasses the previously separate areas of video, telecommunications, and computer networking. This course explores the many facets of communication, from telephone switching to optical fiber to satellite transmission. Topics covered include physical and electrical standards, protocols and characteristics, circuit and packet switching, frame relay, and routing. ATM and TCP/IP are covered, as is networking design and implementation. *Prerequisite: CS245 or permission of instructor.*

CS360 Architecture & Operating Systems**3 credits**

This course explores batch systems, time sharing systems, and real-time systems. Topics studied include scheduling, memory management, processor/process management, file management, and device management. Issues like multi-processing, mutual exclusion, synchronization, protection, and deadlocks are also discussed. Also studied is the application of these principles to several modern operating systems. *Prerequisite: CS310, or permission of instructor.*

CS370 Programming Languages**3 credits**

The primary function of a programming language is to let the user communicate with the computer via a common interface. There are many programming languages, and in this course we will investigate the principles behind all of them. All languages, for example, must deal with data structures, flow of control, syntax, variable control, conditionals, and iteration. More sophisticated languages deal with high-level structure, subprograms, parameters, and recursion. These common issues are the subject of this course. *Prerequisite: CS245.*

CS375 Algorithms and the Theory of Computation**3 credits**

Formal models of computation, and the elements of formal languages will be studied. These models will be used for a mathematical study of computability. The design and analysis of algorithms, particularly those for handling complex data structures, and non-numeric processes will be studied. Algorithm design and verification techniques are also discussed. *Prerequisite: CS245.*

CS390 Internship in Computer Science**2–6 credits**

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division offering the major. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites: junior or senior standing and permission of instructor.*

CS423 Systems Analysis and Design**3 credits**

The subject is the complex, multifaceted organizational process that business, systems, and information professionals use to develop and maintain computer-based systems. Recent developments in global communications have increased the complexity and excitement in this field. Data collection, software choice and employment, communications specifications, personnel, and social impact are just part of what is to be studied. The course is project-oriented, and students will take on real-life organizations in their pursuit of an understanding of the field. *Prerequisite: CS245 or permission of instructor.*

CS462 Artificial Intelligence**3 credits**

AI attempts to build intelligent entities as well as understand them. This is extremely problematic. As a result, the field has many subfields, many triumphs, and disasters. The course will survey some of the subfields, including search, planning, learning, knowledge representation, computational linguistics, and vision, as well as the triumphs and disasters. The programming language Lisp will be introduced in the course, and the *intelligent agent* will be used as the approach. *Prerequisite: CS245.*

CS474 Senior Computer Science Seminar**3 credits**

This capstone course has two activities. First, we will focus on the hot topics in the field: what are the issues that computer scientists will be dealing with in the coming years? This will entail reading, analysis, and discussion of various essays, technical reports, etc. Second, you will pursue a long-term project in a CS subject that interests you. This will involve research, experimentation, and a series of presentations to the class, culminating in an hour-long, fully-developed presentation and a portfolio of relevant materials. This is a seminar, with a small, mature, select group of students who are expected to perform in a superior fashion in terms of interest, preparedness, and contribution. *Prerequisite: Senior standing.*

CS299, 399, 499 Independent Study**2–6 credits**

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Criminal Justice (CJ)

PROFESSORS: Davina Brown, J Forbes Farmer, Debra S. Picchi

ASSOCIATE PROFESSOR: Douglas F. Challenger

ASSISTANT PROFESSORS: Jefferson Allen, Jerome D. Levine

A major and a minor are offered in Criminal Justice.

Our Criminal Justice faculty are committed to providing students with a quality liberal arts education and with the knowledge necessary to enter the areas of policing, courts, and corrections. The curriculum provides a theoretical foundation of the discipline, combined with an understanding of social science methodologies as they apply to criminal justice. Major attention is given to the career roles, social interaction and social forces that contribute to social order, conflict and social change.

A cumulative grade point average of 2.0 must be maintained in required criminal justice courses in order to remain in the major.

Honors are accorded the major who has a 3.0 overall grade point average and a 3.25 grade point average in Criminal Justice. High Honors are accorded the major who has a 3.0 overall grade point average and a 3.5 grade point average in Criminal Justice.

Major Requirements

In addition to the Individual and Community Curriculum (page 103)

AN101	Introduction to Anthropology <i>or</i>	SO205	Race and Ethnic Relations
SO101	Introduction to Sociology	SO209	Ethics
CJ101	Introduction to Criminal Justice	SO210	Deviance and Social Control
CJ201	Police Work	SO218	Quantitative Research <i>or</i>
CJ301	Criminal Investigation & Evidence	SO219	Qualitative Research
CJ302	Courts and Criminal Procedure	SO410	Criminology
CJ470	Senior Criminal Justice Seminar	SO460	Corrections

Four of the following electives:

AN331	Violence and Aggression	PS328	Child Abuse
AN322	Human & Skeletal Analysis	SO106	Social Problems

CJ495 Criminal Justice Internship
 PS323 Seminar on Addiction
 PS300 Domestic Violence

SO220 The Family
 SO350 Law and Society

Minor Requirements

CJ101 Introduction to Criminal Justice	CJ302 Courts and Criminal Procedure
CJ201 Police Work	SO210 Deviance and Social Control
CJ301 Criminal Investigation & Evidence	SO410 Criminology

And, one of the following:

PS261 Research Methods in Psychology *or*
 SO218 Quantitative Research *or*
 SO219 Qualitative Research

Note: Some of these courses have prerequisites or need permission of the instructor. Check course descriptions.

Required for graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to residency requirement section of catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105 College Writing I
 _____ Laboratory Science I
 IC101 Individual and Community
 CJ101 Introduction to Criminal Justice
 SO101 Introduction to Sociology *or*
 AN101 Introduction to Anthropology

Spring Semester

IC106 College Writing II
 _____ Laboratory Science II
 _____ Elective
 SO210 Deviance and Social Control
 SO205 Race and Ethnic Relations

Sophomore Year

Fall Semester

IC210 American Experience
 IC205 Experiencing the Arts
 SO209 Ethics
 SO218 Quantitative Research Methods *or*
 SO219 Qualitative Research Methods
 CJ____ Criminal Justice Elective

Spring Semester

IC260 Twentieth Century
 _____ Mathematics Requirement
 IC204 Portfolio Assessment Seminar
 CJ201 Police Work
 _____ Elective

Junior Year

Fall Semester

IC305 Science of Society I
 IC310 Ancient & Medieval Worlds
 CJ301 Criminal Investigation & Evidence
 CJ____ Criminal Justice Elective
 _____ Elective

Spring Semester

IC306 Science of Society II
 IC360 Reason & Romanticism
 CJ302 Courts and Criminal Procedure
 CJ____ Criminal Justice Elective
 _____ Elective

Senior Year

Fall Semester

IC410 Senior Liberal Arts Seminar
 SO410 Criminology
 CJ____ Criminal Justice Elective
 _____ Elective
 _____ Elective

Spring Semester

CJ470 Senior Criminal Justice Seminar
 SO460 Corrections
 CJ____ Criminal Justice Elective
 _____ Elective
 _____ Elective

Criminal Justice Curriculum

CJ101 Introduction to Criminal Justice

3 Credits

An overview of the various facets of the criminal justice system, points of harmony and conflict with society, processing of offenders, punishment and its alternatives, current issues in criminal justice, and the future of the criminal justice system. *Prerequisite: None. Note: CJ101 must be completed with a grade of C or better before other CJ courses may be taken.*

CJ201 Police Work

3 Credits

The nature and techniques of police work in a changing society. Historical perspectives, consideration of major contemporary issues including race and ethnicity, disorder and community relations, and the impact of cultural diversity on law enforcement. Personnel systems, organization and management, police operations and discretion, police culture and behavior, ethics and deviance, civil liability and the future of policing. *Prerequisite: CJ101.*

SO209 Ethics

3 Credits

This course provides a critical study of the standards for evaluating right and wrong by applying traditional ethical theories to contemporary ethical problems. Among the theories to be considered are Kantianism, Utilitarianism, and Feminist ethics. Among the topics to be considered are lying, the right to punish, and racism.

SO210 Deviance and Social Control

3 Credits

This course focuses on the ways society defines institutional and noninstitutional deviance and the deviant. Included is an investigation into why socially prohibited behavior occurs and why/what society does to control or prevent it. Various sociological theories (i.e., structural functionalism, culture conflict, cultural transmission, anomic, radical-conflict, control, interactionism) are studied. Also examined are the qualitative and quantitative approaches used to study deviance.

SO218 Quantitative Research Methods

3 Credits

This course is an introduction to the social science research procedures that collect data which are easily subject to statistical handling. It is designed to provide instruction and practice in methodological skills that include research design, techniques of data gathering, procedures for data analysis, and strategies for writing up of research findings. *Prerequisite: Either SO101 or AN101. Note: Extensive statistical analysis and writing course.*

SO219 Qualitative Research Methods

3 Credits

This course is an introduction to the theoretical foundations and techniques of the qualitative research tradition in the social sciences. It is designed to give students a general background in procedures that include participant observation, life history analysis, intensive interviewing, note taking, and audio and visual recording. *Prerequisite: Either SO101 or AN101. Note: Extensive writing course.*

CJ301 Criminal Investigation and Evidence

3 Credits

The art and science of criminal investigation, including arrest techniques and the detection and documentation of crime, crime scene procedures, collection and preservation of evidence, interviews and interrogations, techniques of surveillance, and presentation of evidence in court. Covers ethics, the basic concepts of criminal law and the rules of evidence, principles of criminal responsibility, elements of major crimes, burden of proof and presumptions. Includes the implications of the Amendments to the U.S. Constitution on such matters as police practices, the investigator's role in court, illegal search and seizure, and right to counsel. Also covers the politics of race relations by examining key court decisions. *Prerequisites: CJ101 and CJ201.*

CJ302 Courts and Criminal Procedure**3 Credits**

Jurisdiction, policies, and procedures of state and federal trial and appellate courts in the administration of criminal justice. An examination of the guiding principles of criminal law and procedures. The politics of judicial selection and judicial decision making, ethnic relations that affect the law. Extensive consideration of past and current constitutional issues through review of relevant U.S. Supreme Court decisions. *Prerequisites: CJ101, CJ201, CJ301.*

PS300 Domestic Violence**3 Credits**

This course provides a cause and effect understanding of domestic violence upon the family as a system and explores the psychological dynamics of both victim and perpetrator. The attitudes of the legal and justice systems are studied. Prevention is emphasized. *Prerequisite: 9 credit hours of psychology, sociology, anthropology or criminal justice.*

SO350 Law and Society**3 Credits**

This course examines social scientific understanding of how law is structured, how law functions as a social institution, and how legal institutions interact with other institutions such as the economy, family, and criminal justice system as well as with issues of race, class, and gender. The course also explores how legal institutions use social scientific knowledge. Additionally, attention is aimed at fostering an appreciation of how legal institutions and their functions vary historically and cross-culturally.

SO410 Criminology**3 Credits**

This course is a critical study of the qualitative and quantitative methods and the classical and contemporary theories used to research and explain crime as a social phenomenon. The course also explores ways that our knowledge about crime can guide social policy. *Prerequisites: SO210 and either SO218 or SO219.*

SO460 Corrections**3 Credits**

An application of sociological theory and research to prisons and community-based correctional programs. Attention is given to both classical and contemporary analyses of such issues as management, prison violence, subcultures and penal policy. *Prerequisites: SO210, and either SO218 or SO219.*

CJ470 Senior Criminal Justice Seminar**3 Credits**

This capstone course provides a critical analysis of many issues in the criminal justice system. Consideration is given to multiculturalism, women in the criminal justice system, ethics, corruption, justice/injustice, major forces that shape the system, crimes, excessive force, sentencing, jail overcrowding, victimology and public policy. *Prerequisites: Senior criminal justice major, CJ101, CJ201, CJ301, CJ302.*

CJ495 Criminal Justice Internship**3 Credits**

Field experience in a learning situation affiliated with police, courts, corrections or other criminal justice system related agency. Placement is arranged by a student consultation with the criminal justice faculty advisor. *Prerequisites: Senior criminal justice major, and permission of advisor and Chair of the Division of Behavioral Sciences.*

Other Criminal Justice Courses:

Please refer to appropriate pages in Anthropology, Psychology and Sociology for descriptions of courses listed above as Criminal Justice electives.

Economic Theory (ET)

PROFESSORS: Edward J. Dennis, T. David McCullough, Robert F. Wiesenauer

A major is offered in Economic Theory.

The major in Economic Theory combines a basic liberal arts education with specialization in the theoretical bases of economics. Emphasis is placed on College and Divisional core course requirements during the first two years of study.

A **minor in Economic Theory** is offered to students majoring in one of the areas within the Division of Business Administration and to non-business majors.

Major Requirements

In addition to the Individual and the Community curriculum (page 103) and Divisional core (page 48) course requirements, the following courses must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements:

ET 223 Money and Banking

FM 311 Managerial Finance

ET 474 History of Economic Thought

Two electives*, one from each of two different pairs of the courses below:

ET 323 Comparative Economic Systems, or ET 366 International Economics

ET 338 Urban Economics, or ET 357 Economic Development

* One of the two may be a History or Political Science course approved by the Academic Advisor.

Either two semesters of Computer Science courses or two semesters of a foreign language.

Minor Requirements (Business majors)

The following four courses must be completed successfully with Grade Point Average of at least 2.0:

ET 366 International Economics

ET 474 History of Economic Thought

Two Economic Theory electives (as above).

Minor Requirements (non-Business majors)

The following six courses must be completed successfully with a grade point average of at least 2.0 to fulfill the minor requirements:

ET 101 Principles of Economics I

ET 366 International Economics

ET 102 Principles of Economics II

ET 474 History of Economic Thought

Two of the following:

ET 223 Money and Banking

ET 338 Urban Economics

ET 323 Comparative Economic Systems

ET 357 Economic Development

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC 105 College Writing I

_____ Laboratory Science I

IC 101 Individual and Community

ET 101 Principles of Economics I

BA 100 Introduction to Business

Spring Semester

IC 106 College Writing II

_____ Laboratory Science II

CS 101 Introduction to Computers

ET 102 Principles of Economics II

AC 105 Introduction to Financial
Accounting

Sophomore Year

Fall Semester

IC 210	American Experience
IC 205	Experiencing the Arts
FM 224	Principles of Financial Management
BA 258	Legal and Social Environment of Business
ET 223	Money and Banking

Spring Semester

IC 260	Twentieth Century Math Requirement
IC 204	Portfolio Assessment Seminar
CS ____	Computer Language
MT 260	Statistics
_____	Elective

Junior Year

Fall Semester

IC 305	Science of Society I
IC 310	Ancient & Medieval Worlds*
_____	Computer Language I, or Foreign Language
FM 311	Managerial Finance
_____	Elective

Spring Semester

IC 306	Science of Society II
IC 360	Reason & Romanticism*
_____	Computer Language II, or Foreign Language
BA 374	Research Methods in Business
ET ____	Economics Elective

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

IC 410	Senior Liberal Arts Seminar
ET 491	Senior Independent Research Paper
ET ____	Economics Elective
_____	Elective
_____	Elective

Spring Semester

BA 471	Senior Business Seminar
ET 474	History of Economic Thought
_____	Elective
_____	Elective
_____	Elective
_____	Elective

Economic Theory Curriculum

ET 101 Principles of Economics I

3 credits

Basic terminology and the economic way of thinking, particularly on the macroeconomic scale (the fundamentals of microeconomics will be addressed as well). Economic theory and policymaking at the federal level. *Note: ET 101 must be completed with a grade of C- or better before other ET courses may be taken.*

Fall, Spring

ET 102 Principles of Economics II

3 credits

Economic issues as they are currently evolving: monopoly, poverty, inflation, unemployment, energy, international currency exchange and trade. Microeconomic principles are incorporated in this course. *Prerequisite: ET 101.*

Fall, Spring

ET 223 Money and Banking

3 credits

Financial markets and institutions, and the theory of money and credit. The course focuses on policymaking in the United States and on the international level. *Prerequisite: ET 102.*

Fall

ET 323 Comparative Economic Systems

3 credits

Current planned (socialist), unplanned (market) and "mixed" economies of Europe, Asia and North America. *Prerequisite: ET 102.*

Fall of even years

ET 338 Urban Economics**3 credits**

American cities and their problems, particularly the economic concerns of cities of the Northeast. *Prerequisite: ET 102.*

Spring of even years

ET 357 Economic Development**3 credits**

The lesser-developed economies of Asia, Africa, and South America; the obstacles to economic growth and various strategies to attain growth; the nature of underdevelopment; factor and resource endowment; distribution of income; social and political issues relevant to the less-developed countries. *Prerequisite: ET 102.*

Spring of odd years

ET 366 International Economics**3 credits**

International trade and finance, foreign investment, barriers to trade, foreign economic policy of the United States, trade agreements, and steps toward international economic cooperation and economic development. *Prerequisite: ET 102.*

Fall of odd years

ET 390 Internship in Economic Theory**2-3 credits**

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultations with the employer. *Prerequisites: AC 102, ET 102, MK 201, MN 201, junior class standing, a CGPA of at least 2.0 and permission of Division Chair.*

ET 391 Internship in Economic Theory**2-3 credits**

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for ET 390. The granting of more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate by the department head and the Division Chair, a second internship, which is entirely different than that pursued under ET 390, may be taken. *Prerequisite: ET 390.*

ET 474 History of Economic Thought**3 credits**

Political, philosophical, and social transitions in the development of economic ideas. Contributions of the Greeks, the Church, Mercantilist, Classical and Socialist writers, J.M. Keynes, M. Friedman, J.K. Galbraith are all considered in their historical contexts. *Prerequisite: ET 102.*

Spring of even years

ET 491 Senior Independent Research Paper**4 credits**

The student is required to develop a research topic and a testable hypothesis which uses primary and/or secondary data for its support or rejection. Under the direction of an advisor, the student develops the background of the problem, a review of current literature relative to the research topic, and an appropriate methodology for collecting and analyzing data and for reaching appropriate conclusions. The student next proceeds to the collection of data, its analysis, and the writing of the paper. While length of paper and number of sources are not primary objectives in its preparation, a minimum of 25 main body pages and the use of at least 20 separate and distinct reference sources will be found in any acceptable paper except under the most unusual circumstances. The research may be defended before a committee of faculty and administrators. *Prerequisites: BA374 and senior class standing: declared major in the Division of Business Administration or permission of Division Chair.*

Fall

ET 299, 399, 499 Independent Study in Economic Theory**2-3 credits**

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Education (ED)

ASSOCIATE PROFESSOR: Alana J. Mosley

ASSISTANT PROFESSORS: Elizabeth Chamberlain, Sue Eddleston, John Villemaire

Secondary Teacher Certification Programs are offered in Biology Education, English Education, Mathematics Education, and Social Science Education.

Teacher Certification in Art Education is offered for Kindergarten through Grade 12.

Teacher Certification in Elementary Education is offered for Kindergarten through Grade 8.

The Education Department has programs leading to teacher certification in art, biology, elementary, English, mathematics, and social science education. In addition to the traditional undergraduate programs in these areas, the department also offers conversion programs for students who have a baccalaureate degree. All programs are approved by the New Hampshire State Department of Education.

Admittance to an education program requires a separate application process. Students may apply for admission to a program upon completing one semester at the College. Applications may be obtained from the Education Department. Acceptance into an education program does not guarantee certification. Students must satisfactorily complete the program requirements as well as pass national tests in order to obtain their teacher certification. The program and certification requirements are outlined in the Education Program Handbook, which is available at the Education Department.

ED112 Foundations and Issues in Education and ED105 Educational Psychology are required of all education students, regardless of their education program. Students who want to apply to an education program should take one of these courses in their first semester at the College.

Admittance to the program also requires students to pass the national PRAXIS I exams in reading, writing, and mathematics. The College will generally administer these exams on campus once during the school year. Since the exams are national, they are usually administered at several sites in each state. Students may be able to take them at a location near their home.

Students admitted to an Education program do not major in Education; they major in an appropriate academic discipline. In addition to satisfying the requirements for this major and the College's Liberal Arts requirements, they must also take the necessary education courses.

Students electing a program in teacher education may need more than the 120 credits normally required for graduation. To ensure completion of all requirements within a four-year period, a student should meet with an education faculty member during his or her first semester at the College in order to obtain program counseling in preparation for application to the program.

Several of the courses offered by the Education Department involve field assignments in elementary and secondary school settings. Students are responsible for transportation to and from a field site. Each of the Education programs requires a semester-long, full-time student teaching experience in the fall or spring semester of the senior year. Students should expect to travel as much as 30 minutes each way for field experiences.

Several noteworthy program requirements that students must meet in order to continue in the Education Program from the first semester of the junior year are: (1) 2.5 cumulative GPA, (2) 2.5 GPA in the major, (3) 2.5 in Education course work, and (4) no grade lower than C in Education courses. As of July 1, 1999, New Hampshire began requiring students to pass the PRAXIS II exams in their certification area in order to be certified. This testing is being implemented in phases with math, social science, and English teaching candidates being the first required to pass the tests in order to be certified.

By virtue of membership in the Interstate Certification Compact, certification is reciprocal in approximately 30 states as well as Defense Department Schools around the world. A Northeast Regional Credential is available for those who complete one of the certification programs. Such a credential enhances the mobility of educators in the District of Columbia, Maine, Massachusetts, New Hampshire, New York, Pennsylvania, Rhode Island, and Vermont. Certification in one state, however, does not mean that certification will be automatic in another state. Certification requirements vary by state. Students certified in one state are encouraged to contact the departments of education in other states to identify what additional requirements, if any, they may have.

Since there is no major in Education, departmental honors and high honors are not awarded in the Education programs.

Elementary Education Certification Program

The New Hampshire Department of Education standards specify that in addition to the professional training in education, teacher certification candidates in Elementary Education must have an appropriate major with a minimum of 10 courses above the college's introductory level. Appropriate majors may be in the fields of humanities, fine arts, social sciences, mathematics or sciences. An interdisciplinary major in these fields may also be acceptable if it contains no fewer than 10 courses with at least 5 from the same field and the majority of the courses are above the introductory level.

Elementary Education Certification Requirements

Certification in Elementary Education is for the levels kindergarten through eighth grade (K-8). In addition to completing the Individual and Community Integrated Curriculum (page 103) and an appropriate major as outline above, students seeking certification must also complete the following education courses with a grade of C or better:

Required Education Courses

ED105	Educational Psychology	ED255	Field Experience I
ED112	Foundations and Issues in Education	ED256	Field Experience II
ED224	Curriculum I: Models of Teaching	ED257	Field Experience III
ED225	Curriculum II:	ED312	Teaching Students with Special Needs
ED230	Reading Theory and Practice	ED483	Student Teaching Seminar
ED251	Teaching Reading and Language Arts		
ED253	Teaching Math & Science in the Elementary School		

ED490 Student Teaching

Electives

ED100	Recorder for the Classroom Teacher	ED260	Child and Adolescent Literature
ED300	Historical Perspectives on Education	ED195	World of the Public School
		ED310	Current Topics in American Education

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC101	Individual and Community Laboratory Science I
IC105	College Writing I
ED112	Foundations & Issues in Education or
ED105	Educational Psychology academic major course

Spring Semester

IC106	College Writing II Laboratory Science II
ED112	Foundations & Issues in Education or
ED105	Educational Psychology academic major course
_____	academic major course

Sophomore Year

Fall Semester

IC205	Experiencing the Arts
IC210	American Experience
ED224	Curriculum I
ED255	Field Experience I academic major course
_____	academic major course

Spring Semester

IC204	Portfolio Assessment
IC260	Twentieth Century
ED230	Reading Theory and Practice
ED253	Teaching Math and Science
ED312	Teaching Students w/ Special Needs
ED256	Field Experience II

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds* or
_____	math requirement
_____	Education requirement
ED251	Teaching Reading & Language Arts academic major course

Spring Semester

IC306	Science of Society II
IC360	Reason and Romanticism* or
_____	math requirement
ED225	Curriculum II
ED257	Field Experience III Education requirement
_____	academic major course

* Students may take IC360 Reason and Romanticism in the spring semester, in place of IC310

Senior Year

Fall Semester

ED483	Student Teaching Seminar
ED490	Student Teaching

Spring Semester

IC410	Senior Liberal Arts Seminar
_____	academic major course
_____	academic major course
_____	academic major course
_____	academic major course

Secondary Education Certification Program

The College offers certification programs at the secondary level in biology, English, mathematics, and social science. In addition to completing the Individual and Community Integrated Curriculum (page 103), students in this program must complete a major in their field, and the required education courses listed below. For instance, math teachers must major in mathematics, English teachers must major in English. Biology teachers may major in biology or environmental science, and Social Science teachers may major in anthropology, history, political science, psychology, or sociology. In order to satisfy certification requirements in a field, students may have additional requirements in their major that non-certification students do not have. Detailed program guides for the certification programs in secondary education are available from an appropriate Education advisor and from faculty members in the Liberal Arts disciplines conducting such programs.

Required Education Courses

ED105	Educational Psychology
ED112	Foundations and Issues in Education
ED221	Secondary Classroom Organization and Management
ED255	Field Experience I
ED256	Field Experience II
ED257	Field Experience III
ED312	Teaching Students with Special Needs
ED360	Principles of Secondary School Teaching
ED487	Student Teaching Seminar
ED492	Student Teaching

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC101	Individual and Community
_____	Laboratory Science I
IC105	College Writing I
ED112	Foundations and Issues in Education
_____	or
ED 105	Educational Psychology
_____	academic major course

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
ED112	Foundations and Issues in Education
_____	or
ED105	Educational Psychology
_____	academic major course
_____	academic major course

Sophomore Year

Fall Semester

IC205	Experiencing the Arts
IC210	American Experience
_____	academic major course
_____	academic major course
_____	academic major course

Spring Semester

IC204	Portfolio Assessment
IC260	Twentieth Century
ED221	Secondary Classroom Organization and Management
ED255	Field Experience I
_____	math requirement
_____	academic major course

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient and Medieval Worlds*
_____	academic major course
_____	academic major course
_____	academic major course

Spring Semester

IC306	Science of Society II
ED312	Teaching Students with Special Needs
ED256	Field Experience II
_____	academic major course
_____	academic major course
_____	academic major course

*Students may take IC360 Reason and Romanticism in the Spring Semester in place of IC310.

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
ED360	Principles of Sec. School Teaching
ED257	Field Experience III
_____	academic major course
_____	academic major course
_____	academic major course

Spring Semester

ED487	Student Teaching Seminar
ED492	Student Teaching

Art Education Certification Program

Certification in Art Education is for the levels kindergarten through twelfth grade (K-12). In addition to completing the Individual and Community Integrated Curriculum, students in this program complete a major in Art designed for certification candidates, and complete the required education courses listed below. In order to satisfy certification requirements, students in this certification program may have requirements that non-certification students do not have. A detailed program guide for Art Education is available from an appropriate Education advisor and from faculty in the Art Department.

Required Education Courses

- ED105 Educational Psychology
- ED112 Foundations and Issues in Education
- ED221 Secondary Classroom Organization and Management
- ED255 Field Experience I
- ED256 Field Experience II
- ED257 Field Experience III
- ED312 Teaching Students with Special Needs
- ED351 Elementary Art Methods
- ED352 Secondary Art Methods
- ED487 Student Teaching Seminar
- ED492 Student Teaching

Recommended Curriculum Guide

Freshman Year

Fall Semester

- IC101 Individual and Community Laboratory Science I
- IC105 College Writing I
- ED112 Foundations and Issues in Education
- or
- ED105 Educational Psychology
- academic major course

Spring Semester

- IC106 College Writing II
- Laboratory Science II
- ED112 Foundations and Issues in Education
- or
- ED105 Educational Psychology
- academic major course
- academic major course

Sophomore Year

Fall Semester

- IC205 Experiencing the Arts
- IC210 American Experience
- academic major course
- academic major course
- academic major course

Spring Semester

- IC204 Portfolio Assessment
- IC260 Twentieth Century
- ED221 Secondary Classroom Organization and Management
- ED255 Field Experience I
- math requirement
- academic major course

Junior Year

Fall Semester

- IC305 Science of Society I
- IC310 Ancient and Medieval Worlds *
- ED351 Elementary Art Methods
- ED256 Field Experience II
- academic major course
- academic major course

Spring Semester

- IC306 Science of Society II
- ED312 Teaching Students With Special Needs
- academic major course
- academic major course
- academic major course

* Students may take IC360 Reason and Romanticism in the Spring Semester in place of IC310.

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
ED352	Secondary Art Methods
ED257	Field Experience III
_____	academic major course
_____	academic major course
_____	academic major course

Spring Semester

ED487	Student Teaching Seminar
ED492	Student Teaching

Conversion Programs

Conversion programs are available for art, biology, elementary, English, mathematics, and social science certification. Admittance to these programs requires a baccalaureate degree and a 2.5 cumulative G.P.A., a 2.5 G.P.A. in the major, and passing of the PRAXIS I. Students who decide that they want to teach but who decide too late in their undergraduate program to complete all of their degree requirements and certification requirements within four years may find that these programs fulfill their needs.

Education Curriculum

ED100 Recorder for the Classroom Teacher

1 credit

This course teaches the basics of recorder playing while simultaneously exploring the instrument as a pedagogical tool. Discussion of methods and instruments is included. *Pass/Fail. Elective.*

Spring

ED 105 Educational Psychology

3 credits

Application of psychological research to the processes of teaching and learning in the elementary and secondary school classroom. Topics include human development, learning, cognition, motivation, individual differences, and group processes. This course should be taken in the freshman year by students intending to apply to an education program.

Fall/Spring

ED112 Foundations and Issues in Education

3 credits

This course initiates the study of American and international education. Issues in contemporary education are examined from numerous perspectives including the social, historical, and philosophical arenas in education. This course should be taken in the freshman year by students intending to apply to an education program.

Fall/Spring

ED195 The World of the Public School

1 credit

An opportunity for sophomores and juniors to experience a school environment during the January vacation period as a supervised volunteer teacher helper in a public or private school. *Pass/Fail. Elective.*

January

ED221 Secondary Classroom Organization and Management

3 credits

This is a three-credit course that focuses on various secondary classroom organization structures; management techniques of instruction, students, space, time, and resources; and models to deal with discipline in the classroom. Theory-based effective application of a variety of approaches will be emphasized. *Prerequisites: Completion of Declaration of Major form for Education, ED112, and ED105.*

Spring

ED224 Curriculum I: Models of Teaching

2 credits

This course will focus on teaching models and theorists, elementary school classroom organization structures, and management techniques. Students will design assessable objectives and

a variety of types of lesson plans. Reflective journaling will be introduced and practiced. *Must be taken concurrently with ED 255 Field Experience I. Prerequisites: Completion of Declaration of Major form, ED112, and ED105.*

Fall

ED225 Curriculum II

2 credits

This course will continue to develop topics introduced in ED224 Curriculum I. Students will also become familiar with management techniques of instruction, time, space, and various types of learners, as well as theories of classroom discipline. *Must be taken concurrently with ED 257 Field Experience III. Prerequisites: ED224 and either ED230 or ED253.*

Spring

ED230 Reading Theory and Practice

3 Credits

This course emphasizes developmental characteristics of children as they learn to read. The basal reader, whole language, individualized, linguistic, and phonics approaches to reading instruction are explored, emphasizing their appropriateness for different learning styles. Quantitative assessment explored. *Prerequisites: Admittance to Elementary Education Program, ED224, or permission of instructor.*

Spring

ED251 Teaching Reading and Language Arts in Elementary School

3 credits

This course will focus on child development as related to reading and communication skills. Thematic and process approach is stressed, including the communication skills of oral and written expression, listening, spelling, handwriting, and creative language experiences. Simulated classes included, as well as reading/writing in content areas. Qualitative assessment explored. *Prerequisites: ED225, ED230.*

Fall.

ED253 Teaching Math and Science in the Elementary School

3 credits

New programs, hands-on curriculum projects, and children's literature are emphasized, as well as child development as related to math and science instruction. Science instruction through the inquiry/discovery method is studied. Attention will be given to national and state standards as well as the writing of lesson plans and units. *Prerequisites: Admittance to Elementary Education Program, ED225, or permission of instructor.*

Spring

ED255 Field Experience I

1 credit

The content and activities of this seminar will include supervised experiences in teaching students in school settings; observation and implementation of curricula, methods, and materials; scheduled seminars and conferences for discussing and critiquing practicum experiences. *Travel to local schools is required for this experience. For Elementary Education students, must be taken concurrently with ED224.*

Fall/Spring

ED256 Field Experience II

1 credit

The content and activities of this seminar will include supervised experiences in teaching special needs students in school settings; observation and implementation of curricula, methods, and materials; scheduled seminars and conferences for discussing and critiquing practicum experiences. *Travel to local schools is required for this experience. Students in Elementary and Secondary Education programs must take this concurrently with ED312. Students in K-12 Art take this concurrently with ED351, Elementary Art Methods.*

Fall/Spring

ED257 Field Experience III

1 credit

The content and activities of this seminar will include supervised experiences in teaching special needs students in school settings; observation and implementation of curricula,

methods, and materials; scheduled seminars and conferences for discussing and critiquing practicum experiences. *Travel to local schools is required for this experience. Students in the Secondary Education program must take this concurrently with ED360. Students in Art Education take this concurrently with ED352. Students in Elementary Education take this concurrently with ED225.*

Fall/Spring

ED260 Child and Adolescent Literature

3 credits

Course content will include the language and focus of literary criticism, as it applies to child and adolescent literature. Students will be exposed to the works of many authors and illustrators, as well as relevant awards. They will become familiar with books that were popular with those growing up in America during different periods of history. Explorations will include a look at literature based instruction, experience recognizing prevailing cultural perspectives through books, and development of annotated bibliographies for use with modified bibliotherapy.

Fall or Spring

ED291 The Mariners: Marine Education Sea Apprenticeship

3 credits

A multi-disciplinary course in maritime history, literature and marine education. Potential teachers will create lesson plans and marine curricula while apprenticing on The schooner "Harvey Gamage."

Summer

ED292 The Nova Scotia Global Voyager

3 credits

This is a multi-disciplinary course in maritime history, literature and marine education. The schooner "Harvey Gamage" is the international academic platform for potential teachers to create lesson plans and Marine Education criteria along the Canadian coast and the Caribbean.

Summer

ED293 The Caribbean Global Voyager

3 credits

This is a multi-disciplinary course in maritime history, literature and marine education. The schooner "Harvey Gamage" is the international academic platform for potential teachers to create lesson plans and Marine Education criteria in the Caribbean.

Winter Break

ED300 Historical Perspectives on American Education

3 credits

Students will follow topics from their historical roots through present times. Topics will include the transformation from junior high schools to middle schools, immigrant education and the role of language, and curricula evolution. For future offerings of this course, the focus may vary, depending on the expertise of the faculty member teaching. Students registering for this course, to fill an elective course in their major, should seek specific topic approval from their major advisor. This course may be repeated. *Elective*

Fall

ED310 Current Topics in American Education

3 credits

Topics will include violence and safety in public schools, funding challenges, gender differences and women in education, and alternative education programs. For future offerings of this course, the focus may vary, depending on the expertise of the faculty member teaching and new initiative at state or national level. Students registering for this course, to fill an elective course in their major, should seek specific topic approval from their major advisor. This course may be repeated. *Elective*

Spring

ED312 Teaching Students with Special Needs

3 credits

The content of this course will focus on program models, inclusionary techniques, curricula and evaluation for special needs students, including learning disabled, emotionally disturbed,

physically disabled, gifted, as well as linguistically and culturally different. *Prerequisites: Completion of Declaration of Major form for Education, ED112, and ED105. Students in Elementary and Secondary Education programs must take this concurrently with ED256.*

Fall/Spring

ED351 Elementary Art Methods

2 credits

This course includes methods, curricula, materials, and classroom management for grades K-8. The course may be taught in a local school, in which case travel will be required. *Prerequisites: junior status and permission of the instructor.*

Fall

ED352 Secondary Art Methods

2 credits

This course includes methods, curricula materials, and review of ART state guidelines for teaching Secondary Art students. Numerous art skills will be reviewed including painting, sculpture, drawing, print-making and photography as they relate to teaching in a Secondary Art classroom. *Prerequisites: Senior status and a registered K-12 Art Certification student.*

Fall

ED360 Principles of Secondary School Teaching

3 credits

Taught jointly by Education Department faculty and selected master teachers in the public school sector. Students must take ED257 concurrently. *Prerequisites: senior status and permission of the instructor.*

Fall

ED483 Elementary Student Teaching Seminar

1 credit

This seminar is taken concurrently with ED490 Elementary Student Teaching. It is comprised of eight 2-hour student teaching debrief sessions focusing on ongoing issues during the 16-week student teaching experience. *Prerequisites: "Good Standing" in the program and permission of the program coordinator.*

Fall/Spring

ED487 Secondary/K-12 Art Student Teaching Seminar

1 credit

This seminar is taken concurrently with ED492 Secondary/K-12 Art Student Teaching. It is comprised of eight 2-hour student teaching debrief sessions focusing on ongoing issues during the 16-week student teaching experience. *Prerequisites: "Good Standing" in the program and permission of the program coordinator.*

Spring

ED490 Elementary Student Teaching

14 credits

This is a 16-week sequentially developed program of observation, participation, and classroom teaching in an approved public or private school. Insights into teaching materials and their use, lesson plans, units, and curriculum development are developed during this experience. Eight weeks will be in a K-3 classroom and eight weeks will be in a grade 4-8 classroom. *Classroom management and discipline skills are strengthened. Daily travel is required. Prerequisites: "Good Standing" in the program and permission of the program coordinator.*

Fall/Spring

ED492 Secondary/K-12 Art Student Teaching

14 credits

This is a 16-week sequentially developed program of observation, participation, and classroom teaching in an approved public or private school. Insights into teaching materials and their use, lesson plans, units, and curriculum development are developed during this experience. Classroom management and discipline skills are strengthened. *Daily travel is required. Prerequisites: "Good Standing" in the program and permission of the program coordinator.*

Spring

English (EN)

PROFESSORS: Donald B. Burness, Gerald T. Burns, Sarah Dangelantonio
ASSISTANT PROFESSOR: Joan Dion
INSTRUCTOR: Donna Reck
LECTURERS: Marybeth Failla Amodio, Michael Barrett, Read Gildner-Blinn, John Harris, Leo McCarter, Jr., Phyllis Parks, Patricia Scannell

A major and a minor are offered in English.
Honors in English are granted those whose grade point average at graduation is 3.33 in English courses. High Honors are accorded those who attain a grade point average of at least 3.67 in English.
Creative Writing is offered as a concentration within the major or as a minor for non-majors.
The department develops the student's ability to write effectively, read intelligently and appreciate the forms of literature. Faculty assign regular outside reading and a considerable amount of writing, in and out of class.
The department affirms the value of history and philosophy to the student of literature and encourages the study of foreign languages.
The English major prepares students for advanced study in language and literature; careers in writing, teaching, law, advertising, and publishing, and executive training in government and business.
The Writing Center, staffed by members of the English Department and peer tutors, is a resource to which students with composition difficulties may turn for assistance at any time. Students may be required to attend the Writing Center for work on specific writing problems.
Students who intend to teach English in high school should refer to page 65 for information on the secondary teacher certification program.

English Curriculum: Degree Requirements

For a Bachelor of Arts degree with a major in English students must complete the Individual and Community Integrated Curriculum requirements (page 103), the English core requirements, plus appropriate electives for their track.
The English Major offers a choice of three tracks: Literature, Writing and Graduate Studies.

English Core--15 credits

EN203 Introduction to British Literature	3 credits
EN204 Introduction to American Literature	3 credits
EN210 Introduction to Literary Studies	3 credits
EN310 Shakespeare: Comedies and Histories or	
EN311 Shakespeare: Tragedies and Poems	3 credits
EN492 Senior Seminar	3 credits

Literature Track--24 credits

At least eight electives in literature, only one of which may be at the 100 level; at least three British Literature and three American Literature, varied in historical period, including at least one course each from British Literature before the 18th century and British Literature from the 18th century or later.

EN110 American Mosaic	3 credits
EN112 Villains, Vengeance, and Violence	3 credits
EN215 Beyond Britain and America	3 credits
EN216 African Literature	3 credits
EN270 Women Writers	3 credits
EN304 Chaucer	3 credits
EN305 Epic and Romance	3 credits
EN306 The English Renaissance, non dramatic	3 credits

EN312 Renaissance Drama	3 credits
EN315 Milton	3 credits
EN317 Neo-classical Literature	3 credits
EN318 The Eighteenth-Century Novel	3 credits
EN321 English Romanticism	3 credits
EN324 Victorian Prose and Poetry	3 credits
EN326 The Nineteenth-Century British Novel	3 credits
EN335 Twentieth-Century British and Irish Poetry	3 credits
EN336 Twentieth-Century British and Irish Novel	3 credits
EN342 American Novel to 1900	3 credits
EN343 Masters of the American Short Story	3 credits
EN344 American Poetry to 1900	3 credits
EN351 Twentieth-Century American Poetry	3 credits
EN352 Twentieth-Century American Fiction	3 credits
EN405 Theories of Fiction	3 credits
EN489 Senior Thesis	3 credits
EN491 Senior Internship	2-6 credits
EN492 Senior Seminar	3 credits

Writing Track - 21 credits

At least six courses from the following, no more than two from outside of the English Department**

EN205 Advanced Composition	3 credits
EN220 Creative Writing Workshop	3 credits
EN235 Fiction Workshop	3 credits
EN237 Poetry Workshop	3 credits
EN241 Editing & Publishing (Lab)	3 credits
EN405 Theories of Fiction	3 credits
EN417 Advanced Fiction Workshop	3 credits
EN421 Advanced Poetry Workshop	3 credits

At least one elective in literature 3 credits

**Courses from other disciplines which may be used toward the Writing Track

TH401 Playwriting I	3 credits
TH402 Playwriting II	3 credits
MC106 Journalism I: Breaking News	3 credits
MC205 Writing for the Media	3 credits
MC260 Journalism II: Reporting the News	3 credits
MC300 Broadcast Journalism	3 credits
MC360 Feature Writing for Newspapers	3 credits

Graduate Studies Track -- 27 credits

EN489 Senior Thesis	3 credits
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At least eight electives in literature, at least three British Literature and three American Literature, varied in historical period, including at least one course each from British Literature before the eighteenth century and British Literature from the eighteenth century or later, only one of which may be at the 100 level.

Four semesters of a foreign language are strongly recommended.

Major Fields Test- The MFT in English will be given to a select sample of senior English majors.

Minor Requirements

Minor in English -- 18 credits

EN203 Introduction to British Literature	3 credits
EN204 Introduction to American Literature	3 credits
EN210 Introduction to Literary Studies	3 credits

At least three electives in literature, one at the 300 level
or above, no more than one at the 100 level 9 credits

Minor in Creative Writing -- 18 credits

EN220 Creative Writing Workshop	3 credits
EN241 Editing and Publishing	3 credits
EN489 Senior Thesis	3 credits

At least three electives in writing, but no more
than one from outside of the English Department 9 credits

Requirements for Creative Writing Concentration and Minor

The English Department offers Creative Writing as a concentration within the major or as a minor. Six courses are required, at least four from the following list. In the senior year the student will present before a departmental committee a selection of original work.

Creative Writing

EN205 Advanced Composition	EN237 Poetry Workshop
EN210 Intro. to Literary Studies	EN241 Editing & Publishing
EN220 Creative Writing Workshop	EN405 Theories of Fiction
EN235 Fiction Workshop	EN417 Advanced Fiction Workshop
	EN421 Advanced Poetry Workshop

No more than two courses from outside the English Department.

See Writing Track beginning with TH401 Playwriting I

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15-16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended English Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
_____	Elective
_____	Elective

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
_____	Elective
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
EN203	Introduction to British Literature
EN210	Introduction to Literary Studies
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
EN204	Intro. to American Literature
EN__	English Elective

Junior Year

Fall Semester

IC305	Science of Society I
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Spring Semester

IC306	Science of Society II
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IC310 Ancient & Medieval Worlds*
 EN__ English Elective
 EN__ English Elective
 ____ Elective
 ____ Elective

IC360 Reason & Romanticism*
 EN__ English Elective
 EN__ English Elective
 ____ Elective
 ____ Elective

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

IC410 Senior Liberal Arts Seminar
 EN__ English Elective
 EN__ English Elective
 ____ Elective
 ____ Elective

Spring Semester

EN492 Senior Seminar
 EN__ English Elective
 EN__ English Elective
 EN__ English Elective
 ____ Elective

English Curriculum

Departmental Core

Courses in Literature

EN010 English Competency Oral Exam

Taken in the fall semester of the senior year. An oral defense based on work from the three literary periods in the Literature and Graduate Tracks, and for the Writing Track original creative work.

EN110 American Mosaic: Multicultural Literature in the United States

3 credits

A survey of minority literatures, including African-American, Chinese-American, and native American, and others.

EN203 Introduction to British Literature

3 credits

A survey course that treats major authors and works of English literature from the beginning to the present day. *Prerequisite: IC105 or permission of the instructor.*

EN204 Introduction to American Literature

3 credits

A survey course that examines the historical development and diversity of American literature. *Prerequisite: IC105 or permission of the instructor.*

EN210 Introduction to Literary Studies

3 credits

An introduction to major critical concepts from Aristotle to modern feminist theory and their application in describing, analyzing, and classifying works of literature. *Prerequisite: IC105 or permission of the instructor.*

EN215 Beyond Britain and America: Other Literatures in English

3 credits

Selected literary works originally written in English from Australia, Asia, Africa, Canada, and the Caribbean. *Prerequisite: IC105 or permission of the instructor.*

EN216 African Literature

3 credits

Fiction, poetry, drama and essays by major African writers considered against the backgrounds of African culture, traditions, and historical imperatives. Selected works by such authors as Achebe, Soyinka, Ousmane, Ba, Senghor, Gordimer, Fugard, Neto, and Mahfouz. *Prerequisite: IC105 or permission of the instructor.*

EN270 Women Writers

3 credits

Study of selected works by significant female writers, including at least one work outside the British and American tradition. *Prerequisite: IC105 or permission of the instructor.*

- EN303 Epic and Romance** 3 credits
The primary texts are *Beowulf* and *Sir Gawain and the Green Knight*. Other works will be included at the instructor's discretion. *Prerequisites: EN203 and EN210.*
- EN304 Chaucer** 3 credits
A sampling of the *Canterbury Tales*, with attention to the remainder of the works as time permits. *Prerequisites: EN203 and EN210.*
- EN306 The English Renaissance and Its Background** 3 credits
Literature from 1400 to 1660, exclusive of drama. The primary texts are Malory's *Morte D'Arthur* and Spenser's *Faerie Queen*. *Prerequisites: EN203 and EN210.*
- EN310 Shakespeare: Comedies and Histories** 3 credits
A study of the major comedies and histories. *Prerequisites: EN203 and EN210.*
- EN311 Shakespeare: Tragedies and Poems** 3 credits
A study of the major tragedies, and poems including the sonnets. *Prerequisites: EN203 and EN210.*
- EN312 Renaissance Drama** 3 credits
Shakespeare's contemporaries in the English theatre including Johnson, Marlowe, and Kyd. *Prerequisites: EN203 and EN210.*
- EN315 Milton** 3 credits
A study of *Samson Agonistes*, *Paradise Lost*, and selected prose and verse. *Prerequisites: EN203 and EN210.*
- EN317 Neo-classical Literature** 3 credits
A study of selected works of Dryden, Pope, Swift, Johnson, and their contemporaries. *Prerequisites: EN203 and EN210.*
- EN318 The Eighteenth-Century Novel** 3 credits
Smollett, Sterne, Defoe, Fielding and their contemporaries. *Prerequisites: EN203 and EN210.*
- EN321 English Romanticism** 3 credits
Wordsworth, Coleridge, Byron, Keats, Shelley, Lamb, Hazlitt, and DeQuincey. *Prerequisites: EN203 and EN210.*
- EN324 Victorian Prose and Poetry** 3 credits
Carlyle, Arnold, Ruskin, Pater, Tennyson, the Brownings, the Pre-Raphaelites, and Hopkins. *Prerequisites: EN203 and EN210.*
- EN326 The Nineteenth-Century British Novel** 3 credits
Selected novels from such authors as Austen, Scott, Dickens, Thackeray, Trollope, George Eliot, Hardy, the Brontes and Mary Shelley. *Prerequisites: EN203 and EN210.*
- EN335 Twentieth-Century British and Irish Poetry** 3 credits
A study of important modern British poets from Hardy and Hopkins to the present including Yeats, Owen, Housman and Auden. *Prerequisites: EN203 and EN210.*
- EN336 Twentieth-Century British and Irish Novel** 3 credits
A study of the art and thought of British prose writers since the end of the Victorian period. Detailed study of the works of such authors as Hardy, Conrad, Orwell, Joyce, Woolf, Waugh, Lawrence, Greene and Drabble. *Prerequisites: EN203 and EN210.*
- EN342 American Novel to 1900** 3 credits
Detailed study of the works of such authors as Cooper, Hawthorne, Melville, Twain, Stowe, James, Crane and Howells. *Prerequisites: EN204 and EN210.*

- EN343 Masters of the American Short Story** **3 credits**
 A study of the American short story from its origin to the present day. *Prerequisites: EN204 and EN210.*
- EN344 American Poetry to 1900** **3 credits**
 An overview of American poetry and its development with in-depth study of poetry of such authors as Bradstreet, Taylor, Freneau, Whittier, Bryant, Poe, Emerson, Whitman, Dickinson and Dunbar. *Prerequisite: EN204.*
- EN351 Twentieth-Century American Poetry** **3 credits**
 A study of major American poets from E.A. Robinson to the present including Frost, Eliot, poets of the Harlem Renaissance, Cummings, Plath and the Beat generation. *Prerequisites: EN204 and EN210.*
- EN352 Twentieth-Century American Fiction** **3 credits**
 A study of major American novelists and short story writers, from Naturalism to Post Modernism. Detailed study of the works of such authors as Norris, Wharton, Dreiser, Lewis, Hemingway, Faulkner, Baldwin and Morrison. *Prerequisites: EN204 and EN210.*
- EN405 Theories of Fiction** **3 credits**
 A study of the theoretical bases of the works of selected major writers as expressed by the writers themselves. *Prerequisite: EN203 or EN204.*
- EN450 Special Topics in Literature** **3 credits**
 A seminar on subject chosen by instructor. *Prerequisites: EN203, EN204, and EN210.*
- EN489 Senior Thesis** **3 credits**
 A written work on a topic chosen in consultation with the major advisor. *Prerequisites: EN203, EN204 and EN210 and permission of English major advisor.*
- EN491 Senior Internship** **2–6 credits**
 A significant learning experience undertaken and arranged in consultation with a major advisor. *Prerequisite: permission of English major advisor.*
- EN492 The Senior Seminar** **3 credits each**
 Seminars focus on literary figures, topics, or genres. Required of all English majors. The seminar will be oriented around a particular literary figure or figures, topics, or genres. *Prerequisites: EN203, EN204 and EN210.*
- Courses in Creative Writing**
- EN205 Advanced Composition** **3 credits**
 Expository writing for students in all fields of study. *Prerequisites: IC105–106.*
- EN220 Creative Writing Workshop** **3 credits**
 An introductory course intended to give the student experience in writing prose and poetry. *Prerequisites: IC105–106.*
- EN235 Fiction Workshop** **3 credits**
 A course in the basic techniques of fiction writing. Readings from major works selected for their relevance. *Prerequisites: IC105–106.*
- EN237 Poetry Workshop** **3 credits**
 A course in the basic techniques of writing poetry. Readings from major works selected for their relevance. *Prerequisites: IC105–106.*
- EN241 Editing and Publishing (laboratory)** **4 credits**
 A workshop in preparing, editing, publishing, and distributing a literary magazine. Students produce and circulate an issue of *Northern New England Review*. *Prerequisites: IC105–106.*

EN417 Advanced Fiction Workshop**3 credits**

This course is intended to advance the skills learned in the elementary course and to add to them skills of preparing a manuscript for submission to a publisher. *Prerequisites: IC105–106 and EN235 or permission of instructor.*

EN421 Advanced Poetry Workshop**3 credits**

A course in techniques including poetic forms, meter and free verse. Readings selected for their relevance to writing poetry. *Prerequisites: IC105, IC106 and EN237, or permission of instructor.*

EN299, 399, 499 Independent Study in English**3 credits**

Independent study offers the opportunity to explore an area of study not listed in the catalogue. The topic should be jointly selected and carefully designed by the student and faculty sponsor, and be approved by the Division Chair. With rare exceptions, the student must have a cumulative grade point average of 3.0. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Environmental Science/Studies (ES)

PROFESSOR: Paul M. Kotila

ASSOCIATE PROFESSOR: Catherine R. Owen

ASSISTANT PROFESSORS: Rhine Singleton

AFFILIATED FACULTY: Richard L. Burns (Biology), Frank Cohen (Political Science), Harry G. Davis (Biology), Edward J. Dennis (Economics), Frank Hubacz, Jr. (Chemistry), Robin Marra (Political Science), Debra S. Picchi (Anthropology), William C. Preston (Biology), Fred Rogers (Geology)

A major is offered in Environmental Science. A minor is offered in Environmental Studies.

The College offers a program of studies leading to a Bachelor of Arts degree. This interdisciplinary program is designed to provide the broad perspective and technical expertise required to understand and address environmental problems. The environmental science major consists of three components: (1) **core requirements**, (2) **electives**, and (3) **an area of emphasis**. Core requirements build the basic scientific background required to understand the fundamentals of environmental science. Major electives are designed to provide greater depth in the sciences and provide breadth in non-science areas important to environmental issues. An Area of Emphasis enables a student to develop a specialization in a particular area relating to environmental science. Courses in the Area of Emphasis must be at the upper level and constitute a cohesive whole.

Honors in Environmental Science are awarded to students achieving a 3.25 grade point average in courses taken to complete the major. High Honors require a 3.50 grade point average in major courses.

The Environmental Science program is teacher certifiable in Secondary School Biology. Students who intend to teach Biology in high school should refer to page 65 for information on the secondary teacher certification program.

Major Core Requirements

In addition to the Individual and Community Curriculum, (page 103), courses selected for the major must be completed successfully, with a grade point average of at least 2.00 (see below)

ES101	Environmental Science	One year of Mathematics at the MT151
ES110	Environmental Laboratory	level or above (not IC201), including:
BI101–102	Introduction to Biology	MT221 Calculus, or
BI218.	Ecology	MT260 Statistics
BI342	Conservation Biology	ES480 Junior Seminar
CH101–102	General Chemistry (inorganic)	ES481 Senior Thesis

Major Electives

Environmental Science majors must take ONE course from each of the following categories. These courses CANNOT be counted in any other area of the major (minimum of 12 credits total from all 4 major electives).

1. **Descriptive (Field/Taxonomic):** BI221 Entomology, BI223 Local Flora, BI225 Ornithology, BI250 Plant Biology, BI312 Vertebrate Zoology, BI318 Invertebrate Zoology, BI324 Biology of Algae, ES/GL205 Environmental Geology, ES/BI217 Tropical Forest Ecology, ES320 Wetland Ecology, ES/BI430 Forest Ecology
2. **Quantitative/Analytical:** BI355 Ecophysiology, CH312 Quantitative Analysis, ES/BI365 Limnology, ES/CH221 Environmental Chemistry, ES230 Intermediate GIS, ES/BI430 Forest Ecology
3. **Economics/Policy:** ES310 Environmental Impact Assessment, ES/PO344 Environmental Politics, ES/ET348 Environmental Economics, PO205 Contemporary World Affairs, ES/BA265 Law and Environment
4. **Sociology/Anthropology:** AN221 Prehistoric Indians of North America, AN317 Third World Problems, AN434 Ecological Anthropology, AS301 Place, Community, & American Culture, ES210 Evolution of Environmental Thought, ES/PA306 Philosophy of Science & Nature, S0203 Community Organization

Area of Emphasis

Environmental Science majors must have four courses that constitute an Area of Emphasis, to give them specialized knowledge and skills. Students may also design their own Area of Emphasis, which must be approved by the student's advisor prior to taking any of the courses proposed. The following Areas of Emphasis are available:

1. Conservation Biology

A. Animals

BI 211 Genetics

And 3 of the following:

BI 221 Entomology

BI 225 Ornithology

BI 231 Animal Behavior

BI 312 Vertebrate Zoology

BI 318 Invertebrate Zoology

BI 355 Ecophysiology

B. Plants

BI 211 Genetics

And 3 of the following:

ES223 Local Flora

BI 250 Intro. to Plant Biology

BI 324 Biology of Algae

BI 355 Ecophysiology

ES/BI 217 Tropical Forest Ecology

ES 320 Wetland Ecology

ES/BI 430 Forest Ecology

2. Water Resources

ES/BI365 Limnology

And 3 of the following:

BI 318 Vertebrate Zoology

BI 324 Biology of Algae

CH 211 Organic Chemistry I

CH 312 Quantitative Analysis

ES/CH 221 Env. Chemistry

ES 320 Wetland Ecology

3. Geology and Physical Resources

GL 101-102 Geology I-II

ES/GL 205 Env. Geology

And 2 of the following:

ES 120 Cartography

ES 220 Intro. to GIS

ES 310 Env. Impact Assessment

ES320 Wetland Ecology

4. Environmental Policy

ES/PO344 Env. Politics

And 3 of the following:

ES 310 Env. Impact Assessment

ES/ET348 Env. Economics

PO 205 Contemp. World Affairs

PO 325 Public Policy Process

S0 203 Community Organization

ES/BA265 Law and Environment

5. Parks & Recreation Management

ES 210 Evolution of Env. Thought

or

SL 290 The Explorers

And all of the following:

- SL 201 Principles of Sports and Leisure Management
- SL 243 Programming in Sports and Leisure Management
- SL 346 Parks & Natural Resources Management

6. Terrestrial Ecology

- BI 250 Intro. Plant Biology
- ES/GL 205 Env. Geology

And 2 of the following:

- BI 221 Entomology
- BI 223 Local Flora
- BI 225 Ornithology
- BI 312 Vertebrate Zoology
- ES/BI 217 Tropical Forest Ecology
- ES 320 Wetland Ecology

7. Environmental Education

- ED 224 Models of Teaching
- ED 105 Educational Psychology

And 1 of the following:

- AS 301 Place, Community and American Culture
- ED 291 The Mariners
- ED 292 The Global Voyager
- ES 210 Evolution of Env. Thought
- ED 290 The Explorers

And 1 of the following:

- BI 221 Entomology
- BI 223 Local Flora
- BI 225 Ornithology
- BI 250 Intro. to Plant Biology
- BI 312 Vertebrate Zoology

- ES/BI 217 Tropical Forest Ecology
- ES 320 Wetland Ecology

8. Environmental Ethics

- AS 301 Place, Community & American Culture
- ES 210 Evolution of Env. Thought
- ES/PA 306 Philosophy of Science and Nature

And 1 of the following:

- PA 303 Modern Philosophy
- PA 310 Eastern Philosophies and Religions

9. Human Ecology

- AN 434 Ecological Anthropology
- BI 235 Human Health & Nutrition

And 2 of the following:

- AN 221 Prehistoric Indians of North America
- AN 317 Third World Problems
- AS 301 Place, Community and American Culture
- ES 210 Evolution of Env. Thought

10. Geographic Information Systems

- ES 120 Cartography
- ES 220 Introduction to GIS
- ES 230 Intermediate GIS
- ES 320 Wetland Ecology

11. Environmental Chemistry

- CH 221 Environmental Chemistry

And 3 of the following:

- CH 211, 212 Organic Chemistry I, II
- CH 312 Quantitative Analysis
- CH321 Biochemistry

Minor in Environmental Studies

The minor in Environmental Studies is intended to provide students not majoring in Environmental Science or Anthropology with an interdisciplinary concentration that emphasizes the many interactions between humans and the local and global environments. It is designed to build understanding of these relationships by examining areas of anthropology, biology, conservation, and environmental science.

The minor requires completion of six courses listed below.

- ES101 Environmental Science
- ES210 Evolution of Environmental Thought
- BI342 Conservation Biology

One of the following:

- BI102 General Biology
- AN102 Human Origins

One of the following:

- BI217 Tropical Forest Ecology
- BI225 Ornithology
- GL205 Environmental Geology
- ES320 Wetland Ecology
- BI430 Forest Ecology

One of the following:

- BA265 Law and the Environment
- ES310 Environmental Impact Assessment
- PO344 Environmental Politics

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide for Environmental Science

Note: Physics I-II, Calculus I-II, and Organic Chemistry I-II are also recommended for students considering graduate study in the natural sciences.

Freshman Year

Fall Semester

IC105	College Writing I
BI101	Biology I
IC101	Individual and Community
MT___	Mathematics Requirement
_____	Elective

Spring Semester

IC106	College Writing II
BI102	Biology II
ES101	Environmental Science
ES110	Environmental Science Lab
_____	Elective

Suggested freshman electives: Intro. to Computer Science, Geology I-II, Physics I-II, Cartography, Economics I-II.

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
CH101	General Chemistry I
BI218	Ecology
MT260	Statistics, or
MT221	Calculus

Spring Semester

IC260	Twentieth Century
IC204	Portfolio Assessment Seminar
CH102	General Chemistry II
_____	Field/Taxonomic Course
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
BI342	Conservation Biology
_____	Emphasis #1
_____	Upper Level Economics/Policy
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
ES480	Junior Seminar in Environmental Science
_____	Emphasis #2
_____	Sociology/Anthropology Course

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
_____	Analytical Course
_____	Emphasis #3
_____	Elective
_____	Elective

Spring Semester

ES481	Senior Thesis
_____	Emphasis #4
_____	Elective
_____	Elective
_____	Elective

Environmental Science Curriculum

ES101 Environmental Science

3 credits

A general introductory course on the range of interactions humans have with the environment, the problems these interactions cause, and the solutions which are being implemented or proposed.

ES110 Environmental Laboratory

1 credit

An introductory laboratory course on the qualitative and quantitative evaluation of environmental problems and the development of solutions. Required of all Environmental Science majors. *Prerequisite:* Completion or concurrent enrollment in ES101.

ES120 Cartography**3 credits**

Students will study traditional map making techniques, how information about the world has been captured in the past, and how the use of aerial photography interpretation, remote sensing, and Geographic Information Systems use information. Data development strategies and spatial accuracy issues will also be addressed. This class is a prerequisite for ES220 Introduction to Geographic Information Systems.

ES/GL205 Environmental Geology (laboratory)**4 credits**

A course that provides a broad overview of the environmental impacts associated with resource extraction and use, with soil use, and with water use. Particular attention is paid to the roles of human population growth and growth in per capita consumption in these various environmental impacts. *Prerequisites: GL101 or ES101*

ES210 Evolution of Environmental Thought**3 credits**

This course is a survey of human understanding of and attitudes toward the natural environment as expressed by naturalists and writers from the 1600s to the present. Emphasis is placed on the development of these ideas as it took place in North America. *Prerequisites: permission of instructor; sophomore, junior, or senior standing.*

ES/BI217 Tropical Forest Ecology**4 credits**

This course will introduce the fundamental characteristics of the rainforest and adjacent ecosystems. Students will learn, through direct observation, lectures, seminars, field exercises and interpretation, about the physical and biological forces that shape the tropical forest and its plant and animal inhabitants. This course begins with a series of seminars in the fall semester on campus, followed by an extended field trip to Costa Rica during the winter break. *Prerequisites: BI101 and BI102*

Fall-January

ES/BI218 Ecology (laboratory)**4 credits**

The interactions of individual organisms, populations, and communities with their environments. Lectures and laboratories emphasize principles and techniques of ecological investigations. *Prerequisite: BI102*

Fall

ES220 Introduction to Geographic Information Systems: ArcView®**3 credits**

Geographic Information Systems (GIS) is a digital cartography (computer mapping) tool for the analysis and integration of locational information. This course will introduce the theory and concepts of GIS and provide hands-on training in the ArcView® desktop GIS software. It will focus on the use of spatial information for geographic analysis and the development of an effective presentation. *Prerequisite: ES102*

Spring, even years

ES/CH221 Environmental Chemistry (laboratory)**4 credits**

A survey of the chemistry of environmental problems. Topics include air, ground and water pollution, waste water treatment, and solid waste management. *Prerequisite: CH102*

Spring, even years

ES230 Intermediate Geographic Information Systems: Arc/Info®**3 credits**

Geographic Information Systems (GIS) is a digital cartography (computer mapping) tool for the analysis and integration of locational information. This course provides hands-on training in the PC Arc/Info® GIS software, while concentrating on the development and analysis of geographic information. *Prerequisites: ES120 and ES220*

ES/PA306 Philosophy of Science and Nature**3 credits**

This course investigates the human relationship with nature: how humans define nature and how they interact with it. The course examines the history of scientific understanding of this relationship, the ethical issues raised by this understanding, and a critical examination of new

paradigms that might better explain this relationship (or not).

Fall, odd years

ES310 Environmental Impact Assessment

3 credits

This course will demonstrate how biological, social, economic and legal issues interact as humans alter their environment. Students will learn the basic methods used to assess the impacts of a development project on the social, economic and natural environments. *Prerequisites: BI102, and ES101 or BI218; junior or senior standing.*

ES320 Wetland Ecology and Protection

3 credits

This course will examine the plants, animals, soils, hydrology, and chemistry of different wetland types. The course will include the study of wetland-watershed interactions, and of the methods of wetland protection. *Prerequisites: ES101 or BI218.*

ES/BI342 Conservation Biology

3 credits

A course on the problems of protecting and maintaining biological resources, including endangered species and ecosystems. Application of ecological concepts to maintenance and management of individual species and biodiversity will be emphasized. Ethical, legal, and social aspects of these problems will be discussed. *Prerequisites: BI102 and ES101, or BI218.*

Fall

ES/P0344 Environmental Politics

3 credits

The course is designed to develop in students the understanding of the political components of environmental policymaking. Students will study the interactions between the political process and the environment as public affairs realm. The United States will be one of many countries examined in comparative perspective. Significant attention will also be given to international environmental politics under the assumption that international factors, as well as domestic ones, affect the formation of winning policy.

Fall, odd years

ES/ET348 Environmental Economics

3 credits

A study of the effect of economic systems on natural resource use and protection. Includes the ideas of market failure and externalities, as well as cost-benefit analysis and other methods used to measure the value of environmental goods. *Prerequisite: ET102*

Spring, even years

ES/MC353 Environmental Journalism

3 credits

This course explores the broad range of environmental journalism through reading, research and writing. Students will employ the interviewing and fact-gathering of basic journalism while also practicing the more advanced techniques of narrative and personal-point-of-view journalism. Some classwork will take place out-of-doors. *Prerequisite: MC211 or permission of instructor.*

Fall, alternate years

ES/BI 430 Forest Ecology (laboratory)

4 credits

This course examines the basic ecological processes that influence forest type and forest structure. Topics covered range from broad scale landscape patterns of natural and human disturbance to the specific habitat requirements of individual plant species. The lab section consists of weekly field trips to forests both on and off the FPC campus, and will emphasize quantitative techniques for the collection and interpretation of field data, as well as basic natural history. *Prerequisites: Ecology (BI218) & Statistics (MT260), or permission of instructor.*

ES/AN434 Ecological Anthropology

3 credits

Considers the interaction relationship between culture and the environment. Analysis will focus on cultural adaptations to energy sources. *Prerequisite: AN101 or BI101*

ES460-462 Internship in Environmental Science

2-6 credits

An on-site, field experience with a public or private environmental agency or institution.

Internships normally require a minimum of 55 hours of on-the-job work per semester hour of credit, a grade point average of 3.00 or higher, and demonstrated ability to complete the work expected. Internships are developed in consultation with a faculty internship advisor and require the approval of the advisor, prospective intern supervisor and the Division Chair. Evaluation is made by the internship advisor in consultation with the employer. *Prerequisites: environmental science major; junior or senior standing; permission of instructor.*

ES480 Junior Seminar in Environmental Science

3 credits

Readings, discussions, and projects on the history, philosophy and technical literature of environmental science. Students will conduct a literature review and design a research plan in preparation for the senior thesis. Required of all Environmental Science majors. *Prerequisite: junior standing.*

ES481 Senior Thesis

3 credits

A student-defined work of original research conducted under the supervision of one or more faculty. Required of all Environmental Science majors. *Prerequisites: ES480, senior standing, and permission of instructor.*

ES299, 399, 499 Independent Study in Environmental Science

2-6 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Financial Management (FM)

PROFESSORS: Robert A. Coburn, Edward J. Dennis, Frederick J. Walsh

ASSOCIATE PROFESSOR: Bryan O'Neil

A major is offered in Financial Management. A minor in Financial Management is offered to students majoring in one of the areas within the Division of Business Administration.

The major in Financial Management combines a basic liberal arts education with specialized preparation for a career in Finance or preparation for advanced work at the graduate level. Emphasis is placed on College and divisional core course requirements during the first two years of study. The major prepares the student for a position in banking, securities exchange, corporate finance, law, or similar professions.

Major Requirements

In addition to the Individual and Community Curriculum (page 103) and divisional core (page 48) course requirements, the following courses must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements:

BA213 Business Law I
ET223 Money and Banking
FM311 Managerial Finance
FM423 Investment Analysis
FM454 Problems in Finance

Two electives from the following:
AC314 Cost Accounting
AC354 Taxes
ET366 International Economics
FM257 Real Estate Investments
MN371 Small Business Management

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
ET101	Principles of Economics I
BA100	Intro to Business

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
AC105	Intro to Financial Accounting
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
BA213	Business Law I
AC105	Intro to Financial Accounting
BA258	Legal and Social Environment of Business

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
MT260	Statistics
AC102	Principles of Accounting II
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
ET223	Money and Banking
FM311	Managerial Finance
IB363	Global Economy
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
BA374	Research Methods in Business
_____	Elective
_____	Elective

*One of these two courses may be taken either in the Fall or the Spring semester.

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
FM423	Investment Analysis
FM491	Senior Independent Research Paper
_____	Elective
_____	Elective

Spring Semester

FM454	Problems in Finance
BA471	Senior Business Seminar
_____	Elective
_____	Elective
_____	Elective

Financial Management Curriculum

FM214 Personal Finance 3 credits

A survey of the institutions, instruments, and techniques of personal financial planning. A model of the major elements of effective money management: budgeting, investing, risk management, and taxation. Prerequisite: None, ET101 recommended.

FM224 Principles of Financial Management 3 credits

Provides an overview of the three major financial areas involving the financial system, investments, and business finance. Students gain an integrated perspective of the interrelationships between financial markets, institutions and management.

FM226 Real Estate Principles 3 credits

Real estate law, finance, and practice. Terminology and key concepts of the real estate business. Career opportunities such as brokerage, property management, finance, and development. Prerequisites: ET102, AC101.

FM257 Real Estate Investments 3 credits

Extensive look at broad classes of investments in real estate. Appraisal techniques, investment analysis, financing, and real estate law. Prerequisite: FM226.

FM311 Managerial Finance**3 credits**

Financial policies and problems of modern business enterprise including new businesses promotion, expansion financing, failure and reorganization, mergers, types of securities, and government regulations. *Prerequisites: AC101, ET102.*

FM390 Internship in Financial Management**2-3 credits**

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites: AC102, ET102, MN201, MK201, junior class standing, a CGPA of at least 2.9 & permission of Div. Chair.*

FM391 Internship in Financial Management**2-3 credits**

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for FM390. The granting of more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate by the department head and the Division Chair, a second internship, which is entirely different than that pursued under FM390, may be taken. *Prerequisite: FM390.*

FM423 Investment Analysis**3 credits**

Development of goals and strategies for investing in securities: markets for stocks and bonds, selecting, timing, and performance of measurement techniques. *Prerequisite: FM311 or permission of instructor.*

FM454 Problems in Finance**3 credits**

Uses accounting information in the financial decision-making process. Traditional areas of financial statement analysis, budgeting, the development of criteria for investing, and the rationale of planning and decision-making in the management of a business enterprise. *Prerequisite: FM311, FM423, or permission of instructor.*

FM 491 Senior Independent Research Paper**4 credits**

The student is required to develop a research topic and a testable hypothesis which uses primary and/or secondary data for its support or rejection. Under the direction of an advisor, the student develops the background of the problem, a review of current literature relative to the research topic, and an appropriate methodology for collecting and analyzing data and for reaching appropriate conclusions. The student next proceeds to the collection of data, its analysis, and the writing of the paper. While length of paper and number of sources are not primary objectives in its preparation, a minimum of 25 main body pages and the use of at least 20 separate and distinct reference sources will be found in any acceptable paper except under the most unusual circumstances. The research may be defended before a committee of faculty and administrators. *Prerequisites: BA374 and senior class standing; declared major in the Division of Business Administration or permission of Division Chair.*

FM299, 399, 499 Independent Study in Financial Management**2-3 credits**

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Geography

HS100 Introduction to Geography

3 credits

An introduction to geography, designed to provide an overview of how the physical features of the earth have influenced the development of society.

Fall

Geology (GL)

ASSOCIATE PROFESSOR: Frederick S. Rogers

Geology Curriculum

GL101–102 General Geology I and II (laboratory)

4 credits each

A course providing insight into the composition, structure, and origin of the earth as revealed by rocks, minerals, land forms, and the fossil record. Special attention is paid to tectonic and biological history.

GL205 Environmental Geology (laboratory)

4 credits

A course that provides a broad overview of the environmental impacts associated with resource extraction and use, with soil use, and with water use. Particular attention is paid to the roles of human population growth and growth in per capita consumption in these various environmental impacts. *Prerequisite: GL101 or ES101.*

Graphic Communications (GC)

PROFESSOR: Richard Block, Robert E. Diercks

ASSISTANT PROFESSOR: Barbara J. Gunderlach

LECTURERS: Dennis Warnesky, Peter Dixon

A major and a minor are offered in Graphic Communications.

The major in Graphic Communications combines a basic liberal arts education with specialized preparation for a career in the field. Equal emphasis is placed on Fine Arts, Graphic Design and Production throughout the four-year program, areas necessary for entry into the profession of Graphic Communications.

An interdisciplinary major in Advertising is available in the division of Business Administration, with courses in both Graphic Communications and Mass Communication.

Major Requirements

The following 16 courses are required for a major in Graphic Communications (in addition to the Individual and Community Curriculum page 103):

FA101	Two-Dimensional Design	FA201	Drawing I
FA102	Three-Dimensional Design	FA202	Drawing II or GC250 Mechanical Concepts
FA286	19th & 20th Century Art (or other History Period Course)	GC321	Typography
GC201	Graphic Design I	FA211	Creative Photography I
GC302	Graphic Design II	GC367	Commercial Photography
GC403	Graphic Design III	GC341	Illustration
GC251	Graphic Production I	GC491	Introduction to Internship I
GC352	Graphic Production II	GC492	Internship Capstone

Recommended Electives:

GC227	Calligraphy	_____	Art History Period Course
GC250	Mechanical Concepts	MK201	Principles of Marketing
GC261, 362	Color Photo. Workshop I & II	IT102	Information Technology
GC 368	Commercial Photography II	MC201	Intro. to Mass Communication
GC371	Computer Graphic Design I		
GC472	Computer Graphic Design II		

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
FA101	Two-Dimensional Design
GC201	Graphic Design I

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
GC251	Graphic Production I
FA201	Drawing I
FA102	Three-Dimensional Design

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
GC302	Graphic Design II
FA211	Creative Photography
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Math Requirement
IC204	Portfolio Assessment Seminar
FA281-285	Art History Period course
GC321	Typography
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
GC352	Graphic Production II
FA202	Drawing II <i>or</i>
_____	Mechanical Concepts
_____	Elective

Spring Semester

IC306	Science of Society II
GC341	Illustration
IC360	Reason & Romanticism*
GC367	Commercial Photography
GC491	Introduction to Internship
_____	Elective

*One of these two courses may be taken either in the Fall or the Spring semester.

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
GC492	Internship Capstone
_____	Elective
_____	Elective
_____	Elective
_____	Elective

Spring Semester

GC403	Graphic Design III
_____	Elective
_____	Elective
_____	Elective
_____	Elective

Minor Requirements

A minimum of seven courses is required for the minor.

Two Fine Arts courses

- FA101 Two-Dimensional Design and either:
- FA102 Three-Dimensional Design, FA201 Drawing 1, or FA211 Creative Photography I

Four Graphic Communications courses

GC201 Graphic Design I
GC302 Graphic Design II

GC321 Typography
GC251 Graphic Production I

At least one Graphic Communications elective

GC452 Graphic Production II
GC367 Commercial Photography
GC341 Illustration

GC227 Calligraphy
GC371 Computer Graphic Design I
GC472 Computer Graphic Design II

Graphic Communications Curriculum

GC201 Graphic Design I

3 credits

An introduction to the basic concepts of graphic communications, with emphasis on the creative process and use of tools and techniques. *Materials fee.*

GC227 Calligraphy

3 credits

An introductory study of the history and practice of letters. Four basic styles: Roman Capitals, Carolingian, Gothic Manuscript, and Italic are covered. The emphasis is on well drawn, well proportioned letters, page design, and proper spacing. *Materials fee.*

GC250 Mechanical Concepts

3 credits

Orthographic projection, isometric drawing, and various rendering techniques using pencil, charcoal, technical pen, gouache, and computer software applications will be studied and practiced. *Prerequisite: FA201 or permission of instructor.*

GC251 Graphic Production I

3 credits

An introductory course which provides hands-on experience in all steps of the production process, from initial design concept through the printed page. Macintosh based software is used in supporting computer-to-plate technology. Offset lithography is used to complete a minimum of two one-color printed pieces. An emphasis will be placed on cooperative learning, problem solving, and group activity at the printing press. Other methods of prepress/printing and their particular characteristics and procedures will also be studied. *Materials fee. Prerequisite: FA101, GC201, or permission of instructor.*

GC261 Color Photography Workshop I

3 credits

Students learn to expose color film in the field, develop it in the darkroom, and make contact and enlargement prints. Color negative and color reversal processes. *Materials fee. Prerequisite: FA211 suggested.*

GC302 Graphic Design II

3 credits

Development of students planning to be designers. Application of design principles to reflect the range of assignments in a studio, agency or in-house design situation. *Materials fee. Prerequisite: GC201.*

GC321 Typography

3 credits

This course will enable students to understand, recognize, and use typography as an effective communication tool. The main emphases will be a study of the development of typographic technology, the acquisition and practicing of basic skills, and the refining of a design sense for the printed word. Students will make considerable use of our Macintosh electronic publishing workstations and high-resolution imagesetter. *Materials fee. Prerequisite: GC302.*

GC340 Book Design

3 credits

A studio seminar and lecture course to investigate the history, cultural differences, writing, designing, and production of books. Students will create books in a variety of bindings. At least one book will be entirely the student's own creation, including written text. The course will include a field trip.

GC341 Illustration**3 credits**

The emphasis is on idea and skill development in basic black and white illustration. Some color illustration is done at the end of the course. *Materials fee. Prerequisite: FA202 or GC250.*

GC352 Graphic Production II**3 credits**

A continuation of the knowledge and hands-on experience started in Graphic Production I. Page layout software is used in conjunction with photomechanical software to prepare offset printing plates directly from the Macintosh computer. Offset lithography is used to complete the production of *The Northern New England Review* and one personal job. An emphasis continues to be placed on cooperative learning, problem-solving, and group activity at the printing press. *Materials fee. Prerequisite: GC251.*

GC362 Color Photography Workshop II**3 credits**

The creative potential of the image. *Materials fee. Prerequisite: GC261.*

GC367 Commercial Photography I**3 credits**

Production and portrait photography in the studio using medium- and large-format cameras. Corporate photography in the field is also included. *Materials fee. Prerequisite: FA211, suggested FA212 or GC261.*

GC368 Commercial Photography II**3 credits**

A continuation of Commercial Photography I, using medium and large formats in studio and some location work. An opportunity to photograph and produce commercial quality images for a portfolio. Studies in specialized areas available. *Materials fee. Prerequisite: GC367.*

GC371 Computer Graphic Design I**3 credits**

The application and use of microcomputers for the creation and manipulation of graphic images. Emphasis will be on desktop publishing applications with an introduction to high-resolution paint programs, along with additional study of other application possibilities for computers in the graphic arts field. *Materials fee. Prerequisite: GC302, or permission of instructor.*

GC403 Graphic Design III**3 credits**

The preparation of a portfolio reflecting a range of graphic design applications based on the student's strengths and interests, professional standards, and post-graduate goals. *Materials fee. Prerequisites: GC302 and senior standing.*

GC472 Computer Graphic Design II**3 credits**

This course will continue the studies begun in Computer Graphic Design I. Along with further work in high-resolution paint and draw programs and desktop publishing, students will work on the manipulation of scanned images and photographs and advanced color projects as well as experimenting with graphics on the Internet. *Materials fee. Prerequisites: GC341 and GC371, or permission of instructor.*

GC491 Introduction to Internship**3 credits**

This course is usually taken during the spring semester of the junior year. It provides the tools and skills needed for securing internship employment. A total of 240 hours of employment will be completed during the summer between the junior and senior years. Successfully finding employment is a requirement of the course. Completing the hours of employment is not a requirement of this course. *Prerequisite: Graphic Communications junior standing or permission of instructor.*

GC492 Graphic Communications Internship Capstone**3 credits**

This course is usually taken during the fall semester of the senior year. It provides a means for students' self-evaluation and assessment of the student's internship employment experience. Successful completion of this course satisfies all Graphic Communications internship requirements. *Prerequisite: GC491.*

GC299, 399, 499 Independent Study in Graphic Communications

2–6 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

History (HS)

PROFESSOR: Donald Burness

ASSOCIATE PROFESSOR: Douglas A. Ley

ASSISTANT PROFESSORS: Robert E. Flynn, Mary C. Kelly

SENIOR LECTURER: Nickolas Lupinin

LECTURERS: Scott Matson, Linda Shoemaker, Claudia Albini-Stevens

A major and a minor are offered in History.

The goals and purposes of a major in History include a knowledge of American, European and Third World History, with one of these areas in depth; a knowledge of historical thinking, interpretations and methods; an awareness of human values in the study of history; a love for reading and an ability to do historical research. We would like our students to write, speak and think clearly, to gain a sense of historical perspective, and to develop an understanding of the interaction between the individual and the community that has been a part of all of human history.

The major in History provides students with the essential skills for a wide variety of careers. Among the careers pursued by recent graduates are teaching, law, business, government service, journalism, and higher degrees in history and archival work.

Honors in History are granted to those whose grade point average at graduation is 3.25 in History courses. High Honors are accorded those who attain a grade point average of at least 3.5 in History and receive above a B on their oral exam.

Students who intend to teach History (Social Science) in high school should refer to page 65 for information on the secondary teacher certification program.

Major Requirements

(In addition to the Individual and Community Curriculum, page 103)

Minimum of 39 credits in History.

History majors, especially those who contemplate graduate study, are encouraged to pursue the study of a foreign language.

Required Courses:

HS001 History Competency Exam

HS301 Historical Methods

HS410 Senior Research Seminar

In addition, the student must take at least two courses (6 credits) in each of the concentrations listed below and one course (3 credits) in the category of "non-western history." Upon choosing a specific area of concentration, the student must take at least three 200 level courses (9 credits) and at least four 300 level courses (12 credits).

Concentrations:

American History European History

All History Majors must pass a comprehensive oral examination (HS001), to be taken in first semester of the Senior year.

Minor Requirements

Six courses (18 credits) are required for the History Minor, distributed between the two concentrations and including at least two 300-level courses.

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
HS__	100 level course
_____	Elective

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
_____	Elective
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
HS__	200 level course
_____	Elective
_____	Elective
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
HS__	200 level course
_____	Elective
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
HS301	Historical Methods
HS__	300 level course
_____	Elective
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
HS__	300 level course
HS__	300 level course
_____	Elective
_____	Elective

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

HS410	Senior Research Seminar
HS__	300 level course
HS__	300 level course
_____	Elective
_____	Elective

Spring Semester

IC410	Senior Liberal Arts Seminar
HS__	300 level course
_____	Elective
_____	Elective
_____	Elective

History Curriculum:

HS001 History Competency Exam

Individualized program of review and study culminating in oral History Exam. Required of all History majors.

HS100 Geography

See page 87 for description.

HS111 Protest in America

3 credits

A history of American protest in the 19th and 20th centuries; an evaluation of how dissent and protest are channeled from their radical roots and assimilated into the mainstream of American history. Some examples include the abolition crusade against slavery, the Civil Rights movement, and anti-war protests.

HS112 Boomers to Yuppies: American Society Since 1945 **3 credits**

What does it mean to be a “baby boomer” or “yuppie?” The aim of this course is to explore social and cultural change in the United States since 1945. Topics include family life, popular music from Presley to the Pixies, the suburban experience, women’s and civil rights movements, and life in a consumer society.

HS113 Great Tyrants: Terror and Talent **3 credits**

The course presents an individualized look at several of the “great tyrants” in history. The roles they played in changing their societies and empires will be featured. Concepts of tyranny and the role of the individual in history will both be addressed, with references to how these change over the centuries. The course culminates with 20th century modern totalitarianism. Among figures to be discussed are Caesar, Caligula, Stalin and Hitler.

HS132 History and Film **3 credits**

This course explores the impact that film has had both on the study of history and on actual historical developments in the 20th century. Emphasis is on documentary, propaganda, and feature films, and an examination of film as historical evidence for practicing historians.

HS201 U.S. History to the War of 1812 **3 credits**

A survey of the political and social development of the United States from colonial origins to the second war for independence against Great Britain. Topics include Puritan Massachusetts, relations with Native Americans, origins of slavery, independence and the Constitution, and the early Republic.

HS202 American History in the Age of Slavery and the Civil War **3 credits**

An examination of the critical period spanning from 1815 to the end of Reconstruction in 1877. Topics include early industrialization, Jacksonian politics, slavery and abolition, women’s rights movement, territorial expansion, Civil War, and the Reconstruction of the South .

HS203 Emergence of Modern America, 1877–1945 **3 credits**

Covers such processes as growth of large cities, rise of large corporations, immigration, and the popular unrest caused by rapid and wrenching change. The course will also address the rise of the U.S. as a world power and involvement in two world wars.

HS204 U.S. History Since 1945 **3 credits**

A course in contemporary history of the United States. Particular attention will be paid to national politics (Truman to Nixon to Reagan), the Cold War and its domestic impact, along with movements to extend rights to women and minorities.

HS222 Ancient History **3 credits**

A study of the beginnings of mankind’s search for law with justice, truth in philosophy and religion, order in government, and beauty in art and architecture. Students will study what constitutes the law, justice, goodness, and beauty as students look at Ancient Mesopotamian, Egyptian, Hebrew, Persian, Greek, and Roman civilizations.

HS223 Medieval History **3 credits**

A study of the period from the fall of the Roman Empire to the end of the One Hundred Years War. An emphasis is placed on the philosophy, theology, social institutions, art, music and architecture developed during this period.

HS224 Renaissance to Napoleon **3 credits**

A study of significant political, literary, philosophical and artistic developments of the Italian Renaissance and the Renaissance in northern Europe. Also, a study of the Protestant Reformation of the 16th century, and the response of the Catholic Counter-Reformation, the rise of absolutism, the Enlightenment, and the course of the French Revolution.

HS229 Nineteenth & Twentieth Century Europe **3 credits**

A study of political, social, economic, and military developments in Europe since 1815. Topics

range from the settlement of 1815, subsequent Great Power rivalries, the Industrial Revolution, The World Wars, Fascism, Communism and the development of the European Union (EU).

HS231 Modern Latin America

3 credits

A survey of the basic political, social, economic and cultural patterns in Latin America since independence. Integral to the course will be the place of Latin America in hemispheric and world affairs.

HS232 African History

3 credits

Nineteenth and twentieth centuries. The great empires of Mali, Songai, and Ghana. The introduction of slavery, colonialism, the influence of Islam, revolutionary struggle and contemporary issues. History within the context of African traditions.

HS233 Modern Middle East

3 credits

A study of the decline of the Ottoman and Persian empires in the 19th century under the impact of modernization and Western imperialism followed by the attempt of their newly-created successor states in the 20th century to establish their independence, political stability, economic viability and cultural identity. This course is designed to help you develop an understanding of an area of critical importance to world peace and of major national interest to the United States.

HS301 Historical Methods

3 credits

Principles and techniques of historical research. Major historians are studied. *Prerequisites: two HS200-level courses.*

HS313 U.S. Labor History

3 credits

A topical approach to the to the history of labor and work in the United States. Topics will include industrialization and its implications, worker resistance, labor force segmentation and discrimination in American history, and the development of unions. *Prerequisite: HS201, 202, 203, or 204 or permission of instructor.*

HS314 Alien Nation: The History of American Immigration and Ethnicity

3 credits

The intertwining themes of immigration, ethnicity, and settlement, form the basis of this upper-level history course. Constituting powerful cultural forces in America, a number of key areas within the historical parameters of immigration and ethnicity will be examined. Course readings aim to generate an understanding of the processes through which the U.S. was colonized and settled by successive waves of immigrants. Challenging preconceived ideas, and focusing on issues of race and ethnicity that question the foundations of American culture today will form a vital aspect of this course.

HS319 History of New England

3 credits

A regional history of New England, covering pre-contact Native American culture, the Pilgrim and Puritan migrations, role of New England in the American Revolution, the process of early industrialization. Unique aspects of New England life and cultural contributions will also be examined and the urbanization and diversification of New England in the 19th century. *Prerequisite: HS201, 202, 203 or 204 or permission of instructor.*

HS320 African-American History

3 credits

An overview of the African-American experience in the United States, from colonial origins through the twentieth century. Issues relating to cultural and ethnic identity will be explored, and the basic historical dimensions of the American experience will be explored through the prism of ethnicity and race. *Prerequisites: One of the following: IC210, HS201, HS202, HS203, HS204.*

HS322 Comparative American and European Women's History Since 1650

3 credits

As Women's History continues to prosper within the discipline of History, the idea of comparing the experience of American and European women is a natural progression. Even as European women struggled to take their place in the historical record, American women

progressed similarly, but often by different routes. How were the experiences similar or different? This course will tackle the everyday lives of different classes of women from the 17th century to the present day. From witchcraft to suffrage and royalty to revolution, this course aims at a more complete understanding of voices silent in the historical narrative until recently.

HS323: Topics in American Cultural and Intellectual History

3 credits

The course is organized topically on the basis of the instructor's particular historical interests. As such, it offers students the opportunity to probe one specific aspect of American cultural and intellectual development. For example, possible topics might include great thinkers, powerful intellectual developments, progress in industry, government, education, the arts, and any of the cultural and intellectual forces that have shaped the U.S. since its inception. May be repeated.

HS 324: Modern European Intellectual History

3 credits

An examination of some significant developments in modern European thought in the period from the 17th-20th century. Topics may include the scientific revolution, the Enlightenment, emergence of modern democratic theory, romanticism, liberalism, nationalism, and varieties of socialism, psychological theories, and totalitarianism.

HS325 History of Russia to 1917

3 credits

Political, economic, social and cultural developments in Russian history from the earliest times to the outbreak of revolution in 1917. Theories of the origin of Rus, Kievan Russia, the Mongol conquest, the rise of Muscovy, the Romanovs and imperial Russia, the struggle to Westernize, revolutionary opposition to autocracy, and the fall of the autocracy will be investigated. *Prerequisite: HS223, 224, 225 or 226 or permission of instructor.*

HS326 The Soviet Union and Successor States

3 credits

An exploration of political, economic, social and cultural developments since the Bolshevik Revolution of 1917. Investigates the Bolshevik seizure of power, Lenin, the New Economic Policy, the autocracy of Stalin, the Soviet Union as a world power, the decay and collapse of communism, and the breakup of the Soviet Union. *Prerequisite: HS226 or 227 or permission of instructor.*

HS327 European Diplomacy Since 1815

3 credits

The course will focus on major diplomatic trends involving Europe and the world from the defeat of Napoleon to the collapse of Communism. The class will concentrate on major movements in foreign relations during the period and attempt to gain a realistic understanding of events. *Prerequisite: HS226 or 227 or permission of instructor.*

HS333 History of Modern Britain

3 credits

British culture and institutions since 1603, with emphasis on the British Empire and social changes in Great Britain. *Prerequisite: HS225, 226 or 227 or permission of instructor.*

HS337 Nazi Germany

3 credits

In-depth study of Hitler's rise to power, 1919–1933, and the totalitarian dictatorship established by the Nazi Party, 1933–1945. Role of ideology; use of terror and the secret police; control of economic and social life; propaganda and the manipulation of culture and art; racial policies and the Holocaust; military aggression and World War II. *Prerequisite: HS226 or 227 or permission of instructor.*

HS 340 Ireland Since 1500

3 credits

Ireland's historical pageant is as rich and magical as the land itself. Students will become immersed in the Gaelic medieval world, the evolving relationship with England, native Irish culture and arts, the Irish language, the foundations of the present Republic, and the search for an end to long-established political divisions. The course will also explore the popularity of Irish arts and literature in the later twentieth century. Students will come away with a new understanding of a rich culture that uniquely combines the ancient and modern.

HS341 American Women's History: Beyond Sisterhood **3 credits**

The rise of a feminist consciousness in the mid-twentieth century laid the foundation for the concurrent development of Women's History as a legitimate historical field of inquiry. Through a selection of readings and written projects, this course explores the parameters of American women's experience from the seventeenth century through to the present day. In its focus on American women's historical experience, the course is envisaged as a concerted effort to evaluate the larger issues of diversity, "sisterhood," and the issue of equality.

HS362 China and the Modern World **3 credits**

A study of the events leading up to the collapse of the Manchu Dynasty and the Revolution of 1911; consideration of the events that followed leading to the Nationalist Republic, the war against Japan, the Communist Revolution, Mao and the People's Republic, developments of Mao to the present time. *Prerequisite: HS226 or 227.*

HS364 Modern Japan **3 credits**

A study of the rise of Japan from an isolated, feudalistic nation in the latter part of the 19th century to a major military power in the first half of the 20th century and an economic superpower today. *Prerequisite: HS226 or 227.*

HS370 U.S. Foreign Relations to 1914 **3 credits**

This course surveys the diplomacy of the American Revolution, continuing Anglo-American tensions in the 19th century, territorial expansion, diplomacy of the Civil War, and the creation of the American Empire by the early 20th century. *Prerequisite: HS201 or 202.*

HS371 Twentieth Century U.S. Foreign Policy **3 credits**

Surveys the creation of an American empire, entry into World War I and World War II, the Cold War, Vietnam, relations with Latin America, and the debate over American decline in today's world. The goal is to analyze the sources of American foreign policy, including the domestic and international contexts, and to prepare students to make judgments on the contemporary state of American foreign affairs. *Prerequisite: HS203 or 204 or permission of instructor.*

HS400 Readings in History **3 credits**

A tutorial in an area either not covered by a formal course, or by an out-of-phase course. *Prerequisite: permission of instructor.*

HS410 Senior Research Seminar **3 credits**

Required of all History majors. The seminar will be oriented around a broad topic chosen by the professor and fitted to the research needs of students in all three History major concentrations. *Prerequisite: limited to senior History majors*

HS491 Field-based Experience in History and Political Science **3-9 credits**

An internship carrying variable credit depending on the length and intensiveness of the experience. The credit value is determined at the time of registration and placement with execution of contract. *Prerequisite: recommendation of History and Political Science Faculty.*

HS299, 399, 499 Independent Study in History **1-3 credits**

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Honors Program (HR)

The Honors Program at Franklin Pierce College is intended to reflect the value the College places on academic achievement. It is meant to provide students of exceptional academic ability with an opportunity to work closely with their peers and faculty members to explore a wide range of subjects in new ways and to develop skills needed to pursue independent scholarship.

A select number of freshman applicants will be invited to join the Honors Program when they are offered admission to the College. Selection will be based on high school academic performance, standardized test scores, and evidence of potential for excellent academic success at Franklin Pierce College.

Students who have completed at least one semester at Franklin Pierce with a cumulative grade point average (GPA) of 3.4 or higher will also receive invitations to join the Program. Outstanding transfer students will be considered, and faculty members may nominate students for the Program.

Successful completion of the Program requires a cumulative grade point average of 3.4 or higher and completion of five honors courses, at least two of which are at the 300 or 400 level. Completion of the Honors Program will be designated on the student's transcript and diploma.

The Honors Program offers a series of honors sections as part of the college's integrated core curriculum. These sections are available only to honors students. Honors students are thus able to satisfy the college's core requirements as they participate in the Honors Program. For most core courses, honors students will select an honors discussion section along with the corresponding lecture section that all students take. Other honors courses do not have common lectures (e.g., College Writing). Popular electives are also offered with content and format that are appropriate for honors students.

Honors courses and sections are taught by a select group of faculty and will vary from year to year. Honors sections are limited to 20 students or fewer, emphasize student participation and discussion, and seek to examine subjects from new or interdisciplinary perspectives. The Program offers a variety of extracurricular academic and social events as well. Students who wish to participate in the Honors Program should select the appropriate honors section(s) listed below.

Additional information about the Honors Program can be obtained by contacting Dr. Mary C. Kelly, Honors Program Director or Dr. Kelli A. Costa, Assistant Director.

Honors Electives Offered Periodically:

PROFESSORS: William Ball, Rich Block, Carl Brezovec, Donald Burness, Gerald Burns, Paul Bush, Frank Cohen, Kelli Costa, Sarah Dangelantonio, Robert Diercks, Joan Dion, Susan Eddleston, John Harris, Mary Kelly, Harold Kollmeier, Paul Kotila, Robert Lawson, Doug Ley, Robin Marra, Craig Platt, Donna Reck, Richard Roth, Paul Scharfenberger, John Soares, Phyllis Scrocco Zrzavy

The following courses will be offered in 2000-2001:

Fall Semester

BI101	Biology I (lecture)	4 credits
BI101	Biology I (honors lab & discussion)	
IC101	Individual and Community (honors)	3 credits
IC105	College Writing I (honors)	3 credits
IC210	American Experience (honors)	
IC305	Science of Society I (honors)	

Spring Semester

BI102	Biology II (lecture)	4 credits
BI102	Biology II (honors lab and discussion)	
IC106	College Writing II (honors)	3 credits
IC260	Twentieth Century (lecture)	3 credits
IC260	Twentieth Century (honors discussion)	
IC306	Science of Society II (honors)	3 credits

HR140 Great Books

3 credits

This seminar course will give students an opportunity for active involvement with primary sources that have had a foundational influence on human understanding. The selection of readings will be drawn from the "Great Books" collection, and the theme will vary from semester to semester. Authors included are Plato, Shakespeare, John Locke, and Henry David Thoreau.

Prerequisite: Honors Program, freshmen and sophomores only.

HR159 Global Environmental Issues

3 credits

This course will review the major global environmental issues of today from a variety of perspectives, utilizing a number of recent texts. The course will emphasize discussions designed to clarify our knowledge base, examine areas of conflict or uncertainty, and critically evaluate proposals for solutions. *Prerequisite: Honors Program, freshmen and sophomores only.*

HR180 Topics in Popular Culture

3 credits

Using an interdisciplinary approach, this course explores the importance of popular culture to contemporary societal and global issues. Themes will include politics, class, gender, race, and culture industry, and the hegemonic effect popular culture often has on traditional societies.

Prerequisite: Honors Program.

HR190 Modern Africa

3 credits

This course takes the student on a journey to Africa, to the past and the present. Of course, there is the one huge Africa, raped by colonialism, struggling to gain independence, and trying to forge modern societies that work in a technological age. But there are many Africas, and the student will meet some of them. Students will come to appreciate historical, economic, cultural, literary, artistic, and political dimensions of Africa as she emerges from the scars of colonialism. Our journey primarily covers the last fifty years. *Prerequisite: Honors Program.*

HR210 American Cultural Encounters

3 credits

This course explores a series of first-person narratives of encounter with an unfamiliar culture, drawn from different moments in American History. Readings range from Columbus' Voyages to memoirs by twentieth century immigrants and expatriates. Students will be encouraged to bring perspectives from anthropology, literature, history, and philosophy to a consideration of the nature and the unique potential, both for ill and good, of the encounter experience.

Prerequisite: Honors Program, not open to freshmen.

HR315 The Twenty-First Century

3 credits

The new century - the new millennium - is here, and it is therefore appropriate to look at some major issues that face us. Students will read recent studies in some fields that seem to define the future. Students will focus on the human race: the numbers of us, the differences among us, the state of our health, technology's influence, and our sensibilities. Willingness to share experience, take responsibility for class activities, and individual research are all required.

Prerequisite: Honors Program, not open to freshmen.

HR340 Bookmaking

3 credits

A studio, seminar, and lecture course to investigate the history, cultural differences, writing, designing, and production of books. Students will create books in a variety of bindings. At least one book will be entirely the student's own creation, including the written text. The course will include a field trip. *Prerequisite: Honors Program.*

Individual and Community Integrated Curriculum (IC)



Liberal Education at Franklin Pierce College

No theme has more power or relevance in late 20th century America than that of the individual and community. What are the claims of community in our increasingly individualistic society? How can we reassert our responsibility to the human community while protecting and reaffirming the dignity of each individual? How shall we conduct ourselves as citizens in a democracy in circumstances in which "looking after number one" often seems the norm? The Individual and Community theme works its way through Franklin Pierce College's innovative 42-credit general education curriculum.

The Individual and Community Integrated Curriculum is taken by all students, regardless of their academic major, and provides a shared learning experience and a common ground for conversation both in and out of the classroom. The purpose of the Individual and Community program is not to instill in students a prescribed set of answers, but to foster a common understanding of the questions and issues that lie at the heart of contemporary American life.

The Integrated Curriculum begins with a first-semester seminar called The Individual and Community, in which students are introduced to the academic expectations of a liberal arts college while they begin to explore the themes and issues that will run throughout the curriculum. The program continues with a sequence of courses spanning the student's four years of study at Franklin Pierce College, culminating in the Senior Liberal Arts Seminar. These courses are carefully designed to encourage students to read, write, and think at progressively more sophisticated levels as they move from one semester to the next, with each course building on the skills and knowledge gained in preceding courses. The Integrated Curriculum courses are taken simultaneously with elective courses and courses from the student's chosen major, and students are encouraged to consider connections between their liberal education experience and their studies in the major.

Most of the courses in the Individual and Community Integrated Curriculum are interdisciplinary, combining ideas and perspectives from a variety of fields of study, and are designed by teams of faculty members drawn from different academic departments. This interdisciplinary approach helps students to see the fundamental interconnections among the various fields of human knowledge—the relationship between history and the arts, for instance, or between psychology and literature—in a way that is not often possible in more traditional departmental course offerings.

The Integrated Curriculum courses all emphasize the active involvement of students in the learning process. Beginning with the Individual and Community seminar and other first-year courses, students are encouraged to speak in class and work collaboratively with classmates to explore issues and solve problems. The experience of active learning in these courses prepares students to succeed in college and as lifelong learners.



A Message from the Dean of Academic Affairs

Franklin Pierce College offers an innovative liberal arts core curriculum to all of its students. Addressing the theme, "The Individual and Community," this 42-credit sequence of courses helps students explore the complex relationships among the individual, the natural world, and the social structures that define human communities. This integrated approach focuses on the responsibility of individuals to their natural and social environments and on the responsibilities that communities of all sizes have to their individual members. Instruction in the core curriculum demonstrates an interdisciplinary approach to the theme, and features team-teaching and active student participation in class. Students are encouraged to share their time and talents with the community by becoming involved in community service.



Each major program at Franklin Pierce College benefits from connections with the central theme. The science of ecology and environment, the art and literature of individual and collective identity, the economics of national and world cooperation and conflict, the anthropology and archaeology of peoples past and present, the socio-historical factors that affect people's involvement in social and political change are but a few examples of such connections.

Funded in part by the National Endowment for the Humanities and recognized by the Association of American Colleges and Universities, the academic program at Franklin Pierce College offers students a broad education in the liberal arts tradition accompanied by in-depth study in strong major and minor programs.

Dr. Billy Horton, Dean of Academic Affairs, Franklin Pierce College

Educated at Berea College, Yale University, and the University of Kentucky, Dr. Horton joined the Franklin Pierce Faculty twelve years ago. He has taught at Union College (Kentucky), Drew University (New Jersey), Davis and Elkins College (West Virginia), Maryville College (Tennessee), and Richmond College (London, England). For several years he worked with the Highlander Research and Education Center (New Market, Tennessee), a private non-profit adult education center, and with other regional organizations in Appalachia. In this work with grassroots citizen organizations he used collaborative social research methods, conducted community-based leadership education, and promoted social action strategies. Dr. Horton has been active in several professional academic associations and recently served as President of the Association for Humanist Sociology.

As a teacher, Dr. Horton enjoys most the personal interaction with students and colleagues that is possible at a small college and the excitement of helping students make connections between classroom discussions and academic theories and their daily lives.

Goals of the Student Experience at Franklin Pierce College

The theme of The Individual and Community is reflected in every aspect of the educational experience at Franklin Pierce College. Both inside and outside the classroom, in the Individual and Community Integrated Curriculum, in major fields of study, in student activities and residential life—the programs of the College are designed to help students achieve the following goals:

Students who graduate from Franklin Pierce College should:

1. be able to apply knowledge, values, and thinking skills to meaningful problems in their lives and their society;
2. be able to listen to and read college level material with critical understanding and to speak and write grammatically, clearly and coherently in an organized and persuasive fashion;
3. be familiar with the range of information resources available to them, be able to draw findings accurately and critically from these resources, and be able to integrate such findings into their own thinking and expression, documenting the sources in accordance with accepted academic conventions;
4. show an understanding of views differing from their own, seek to practice an unbiased habit of mind, and treat others with fairness and civility, regardless of factors including, but not limited to, race, creed, ethnicity, gender or nationality;
5. be conscious of and able to articulate their own attitudes and values, the relationships between values and behavior, and the process by which they determine their ethical choices and commitments for themselves and their community;
6. show understanding of the interplay of self and community, the tension that exists between the two, and their mutual dependence, and show a commitment to active participation in that community;
7. develop the ability to cooperate with others in an atmosphere of mutual respect and complete tasks in a collaborative way;
8. be able to perform mathematical functions essential to an educated layperson; to think critically and to examine reasoning processes upon which mathematical arguments are based;
9. show knowledge of at least one non-western culture and be aware of differences and interactions between non-western and western societies;
10. have a sense of history as the context in which they may seek to understand their own times and their own lives;
11. understand science as a search for knowledge, and be aware of the significant issues of science and technology that require their attention as citizens;
12. be open to artistic experience, both intellectually and emotionally, and be able to articulate rationally their response to a work of art;
13. have begun preparation for the leadership roles that they may exercise in their communities and society;
14. strive for integration of mind, body, and spirit; and
15. understand that, as they are human, they must be active seekers of knowledge throughout their lives.

Integrated Curriculum Courses

The courses listed below are required, and must be taken in the appropriate sequence. STUDENTS ARE REQUIRED TO HAVE COMPLETED THE COURSE'S PREREQUISITES BEFORE BEING ALLOWED TO ENROLL IN THE CLASS.

Freshman Year

Fall

IC101 Individual & Community (3 credits)

IC105 College Writing I (3)

IC110 Integrated Science I (4) *

Spring

IC106 College Writing II (3)

IC111 Integrated Science II (4)

* Students may also choose one of the following science sequences in place of Integrated Science I and II.

BI101, 102 Biology I and II (8)

BI101 Biology I and AN102 Human Origins (8)

CH101, 102 General Chemistry I and II (8)

GL101, 102 Geology I and II (8)

PH 101, 102 General Physics I and II (8)

Sophomore Year

Fall

IC205 Experiencing the Arts (3)

IC210 The American Experience (3)

Spring

IC201 Foundations of Mathematics (3) *

IC260 The Twentieth Century (3)

IC204 Portfolio Assessment Seminar (1) (may be taken in fall of junior year)

*Although most students will not enroll in the Integrated Curriculum Mathematics course until their sophomore year, those students who wish to continue their high school sequence of courses may choose to enroll during their first semester in one of the alternative courses listed below.

MT151 Algebra and Trigonometry I (3)

MT211 Discrete Mathematics (3)

MT221 Calculus I (4)

MT321 Calculus III (4)

See page 130-131 for further information on the above courses.

Junior Year

Fall

IC305 Science of Society I (3)

Spring

IC306 Science of Society II (3)

Fall or Spring

IC310 Ancient and Medieval Worlds (3) or IC360 Reason and Romanticism (3)

Senior Year

Fall or Spring

IC410 Senior Liberal Arts Seminar (3)

FRESHMAN YEAR

IC101 Individual and Community

3 credits

The questions raised by the relationship between the individual and the community form the connecting theme of the general education program at Franklin Pierce College. As the first step in the sequence of our interdisciplinary core curriculum, this course begins the exploration of these important questions by examining aspects of community life in modern America. Students are invited to participate in a semester-long study and discussion of the consequences and possible responses to the dilemmas that our living together continually produces. Reading, writing assignments, and activities are used to stimulate thinking about the various issues that arise in relation to examining our social nature and in developing a personal approach to issues in our everyday lives that require us to balance the claims of membership in a community with our rights as individuals. Students may not withdraw from this course; they may repeat it in the spring of the freshman year or the spring of the sophomore year.

IC105, 106 College Writing I and II

3 credits each

This two-semester writing course provides a foundation for further writing throughout a student's college career. Through the process of pre-writing, writing, revising, and editing, students build self-confidence in their writing and learn to feel at ease in any writing situation. Using collaborative learning techniques, students experience the benefits of writing teamwork—the encouragement, advice, and response of prepared readers and writers. Writing expectations in the Individual and Community Integrated Curriculum are structured to increase, building upon prior writing experiences, as students progress through the curriculum. This course emphasizes the need for writing coherently in all college courses and, throughout their lives.

Grading for these courses: A, B, C, or F.

IC110, 111 Integrated Science I and II

4 credits each

This year-long interdisciplinary laboratory science course is designed to improve the scientific and technological literacy of students not majoring in a scientific discipline. History has shown that science provides a powerful methodology by which we, as human beings, can come to understand the natural world. This course helps the student to understand why this is the case and also to understand why science cannot provide all the answers. To this end, the course follows an evolutionary theme: evolution of the universe, evolution of the earth as a planet, and the evolution of life on earth. Using this theme, students become familiar with some of today's major scientific concepts, how those concepts have developed, and how scientists continue to revise these ideas. The course consists of two large common sessions and two small group discussion sessions per week (discussion and lab exercises).

Students may alternatively take a two-semester laboratory course in a single scientific discipline.



SOPHOMORE YEAR

IC201 Foundations of Mathematics

3 credits

This course is designed to promote critical thinking by helping students state problems clearly, sort out the relevant from the irrelevant, abstract common properties from individual situations, and argue coherently. Students are exposed to good reasoning processes through an introduction to mathematical concepts. (Although most students will not enroll in the Integrated Curriculum mathematics course until their sophomore year, those students who wish to continue their high school sequences of courses may choose to enroll during their first semester in Algebra and Trigonometry I, Discrete Mathematics I, Calculus I or Calculus III.)

IC204 Portfolio Assessment Seminar

1 credit

This course provides students with an opportunity to review the contents of their portfolios and to reflect in a general way on their own educational experience and goals. Utilizing their portfolios, and informed by readings on such topics as learning style, critical and creative thinking, and cognitive development, students conduct a systematic self-assessment of their academic work within the Integrated Curriculum and their progress toward achieving the Goals of Franklin Pierce College Student Experience. They also complete a final project that builds on the results of this assessment to chart a course for their future academic and personal development. Class meetings take place twice weekly for four weeks. A complete, up-to-date portfolio is required for this course. (May be taken in fall of the junior year.) *Prerequisites: Second semester sophomore standing; completion of IC101, IC105, IC106, IC210*

IC205 Experiencing the Arts*

3 credits

This integrated arts course (art, dance, music, theatre) is designed to instill an understanding of how the arts are an essential dynamic of human nature and experience, and to engender an understanding of self and humanity through artistic expression. This is an experiential course that draws on the creativity of each student and provides the tools to describe, interpret, and evaluate a work of art for the purpose of making the arts an essential part of students' lives. Attendance at performances, master classes and talks both on and off campus will be required. Required fee. *Prerequisites: Completion of IC101, IC105, IC106 or permission of Core Curriculum Coordinator and sophomore standing.*

***Courses with an asterisk** feature a weekly common session during which lectures, films and panel discussions provide a background and context for that week's topic and texts. Students also meet twice each week in smaller discussion groups organized around the principle of active learning and featuring collaborative projects along with a variety of individual oral and written projects.

Experiencing the Arts introduces students to a wide variety of cultural activities and events as part of the course. Typical among these are:

- American Repertory Theatre, Cambridge
- Isabella Stewart Gardner Museum
- Contra Dances
- Oriki Dance Collective
- Richard Hartshorne, One Man Double Bass Show
- Wholesale Klezmer Band
- Mark Peskanov, Violinist
- Odds Bodkin, Storyteller

IC210 The American Experience

3 credits

This course examines, from an interdisciplinary perspective, selected aspects of the American experience. Through the critical interpretation of texts and other forms of cultural expression, it balances the notion of a common national character against the idea that group diversity and individual identity were equally significant factors in producing the American experience. The course also analyzes the dynamic interchange between unity and diversity in contemporary

American culture and concludes with views of the American experience from students' own lives. *Prerequisites: Completion of IC101, IC105, IC106 or permission of Core Curriculum Coordinator and sophomore standing.*

IC260 The Twentieth Century*

3 credits

This course examines the twentieth century, an era that has been characterized by change. This includes change in political boundaries, technological capability, response to religion, philosophy and the arts, and change in how people think. The course examines some of the major events of the century from different perspectives, in order to try to gain understanding of the period and its change. The goals of the course include: a fundamental understanding of the major events that shaped the century; a sense of the sources of contemporary problems; exposure to artistic and cultural developments and their historical context; the development of a chronological sense of the century; and an extension of the world view beyond ethnocentric limitations. *Prerequisites: Completion of IC101, IC105, IC106, IC210 or permission of Core Curriculum Coordinator and sophomore standing.*

JUNIOR YEAR

IC310 Ancient and Medieval Worlds*

3 credits

This humanities course is structured as a pilgrimage on which the course participants journey through time and space to experience some of the significant historical and cultural aspects of ancient Greek and Roman societies and medieval European societies. One particularly important destination on this pilgrimage is Medieval Spain, where the travelers will have the opportunity to look closely at the coexistence there of Christian, Judaic and Islamic cultures. *Prerequisites: Completion of IC101, IC105, IC106, IC210, IC260, IC205, IC204 or permission of Core Curriculum Coordinator and junior standing.*

IC 360 Reason and Romanticism*

3 credits

This humanities course explores the period extending from the Renaissance into the 19th century, a time of great intellectual, cultural and social ferment amidst the transition from the medieval to the modern. Through the use of written texts, music and the visual arts, students will examine the eternal dualities of rationalism, order, structure and community, versus impulse, autonomy and individualism. Ultimately, students will confront the issue of just what are "Western values," while forging their own personal connections between the historical past and contemporary issues and problems. *Prerequisites: Completion of IC101, IC105, IC205, IC210, IC260, IC204 or permission of Core Curriculum Coordinator and junior standing.*

IC305, 306 Science of Society I and II*

3 credits each

This two-semester course compares contrasting theories about the relationships between an individual person and increasingly complex levels of social integration. It also evaluates the scientific methods which generate data used to test those theories. Course material ranges from the psychology of the self to cross-cultural analysis of the individual's membership in a global community. An important goal of the course is to promote greater understanding and tolerance of different personalities; kinds of families and other small groups; and larger political and economic systems. An appreciation of diversity is encouraged as students broaden their knowledge base and sharpen their critical thinking skills. *Prerequisites: Completion of IC101, IC105, IC106, IC205, IC210, IC260, IC204 or permission of Core Curriculum Coordinator and junior standing.*

SENIOR YEAR

IC410 Senior Liberal Arts Seminar

3 credits

This course serves as the capstone of the Individual and Community Integrated Curriculum. In any one year different versions of the course, focusing on distinct subject matters or themes, will be offered, and it is expected that these will change from time to time. At present the two "versions" available are "New Worlds of Love and Work" and "Ecology and Culture"; students

elect one or the other to meet the requirement. All offerings of the Senior Liberal Arts Seminar are interdisciplinary in nature, feature active, collaborative learning, offer students the opportunity to apply knowledge and skills gained from their earlier courses, and include self-assessment activities based on the student portfolio. Successful completion of the Portfolio Assessment Seminar is a prerequisite for enrollment in the Senior Liberal Arts Seminar. *Prerequisites: Completion of IC101, IC105, IC106, IC110, IC111, IC201, IC204, IC205, IC210, IC260, IC310 or IC360, IC305, and IC306 and senior standing.*

Individual and Community Integrated Curriculum Portfolio

As a part of the Individual and Community Integrated Curriculum, students maintain portfolios of their work throughout their college careers. Portfolios allow students to chart their own development, to think about what they have learned in depth, to evaluate their own work and identify strengths and areas for improvement as they proceed through college. At the end of the college career, portfolios can be used to assemble a resume for prospective employers or graduate schools.

Students place designated assignments from each of their Integrated Curriculum courses in their portfolios, as well as other material of their choice. During the sophomore year Portfolio Assessment Seminar and again in the Senior Liberal Arts Seminar, students work with faculty members to evaluate their intellectual development and their progress toward the "Goals of the Student Experience," and to plan their academic program accordingly.



Integrated Curriculum Coordinators

Sarah T. Dangelantonio, Associate Professor of English
Individual and Community Integrated Curriculum
IC101 Individual and Community
IC105, 106 College Writing I and II
IC204 Portfolio Assessment Seminar

Gerald T. Burns, Professor of English
IC410 Senior Liberal Arts Seminar

Paul D. Bush, Senior Lecturer, Mass Communication
IC260 The Twentieth Century

Kelli Ann Costa, Assistant Professor of Anthropology
Assistant Director of Honors Program
IC306 Science of Society II

Joni Doherty, Senior Lecturer
IC205 Experiencing the Arts

Mary Kelly, Assistant Professor of History
Honors Program Director
IC210 The American Experience

Craig W. Platt, Professor of Psychology
IC305 Science of Society I

Donna Reck, Instructor of English
IC101 Individual and Community
IC 310 Ancient and Medieval Worlds

Frederick F. Rogers, Associate Professor of Geology
IC 110, 111 Integrated Science I and II

Paul E. Scharfenberger, Associate Professor of Music
IC360 Reason and Romanticism

John A. Valente, Assistant Professor of Mathematics
IC201 Foundations of Mathematics

Information Technology (IT)

PROFESSOR: Richard Block
ASSOCIATE PROFESSOR: Ray E. Oakes
ASSISTANT PROFESSOR: Barbara J. Gunderlach
AFFILIATED FACULTY: Robert Diercks (Graphic Communications), Sudarshan Erramilli (Computer Science), Gary Heald (Computer Science), Phyllis Scrocco Zrzavy (Mass Communication), Richard Roth (Mass Communication)

A major and a minor are offered in Information Technology.
Information Technology brings together tools from various disciplines for the implementation of well designed, robust electronic communication. It represents the continuing convergence of technology in the communications and computing fields.
The major in Information Technology combines a liberal arts education with major requirements in Information Technology. A minor in a field of application of computing knowledge is strongly urged.
Departmental Honors in Information Technology are awarded to students having a 3.25 grade point average in major courses. High Honors is awarded for a 3.50 grade point average in major courses.

Major Requirements

In addition to The Individual and Community Curriculum (page 103), a total of 45 credits in the major must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements. These courses includes 12 core Information Technology courses and 3 IT elective courses.
Other courses from the catalogue from any division may be considered as IT electives: permission rests with the advisor and the Division Chair.

<i>Core IT Courses:</i>			
IT102	Intro. to Information Technology	FA211	Creative Photography I
CS101	Introduction to Computers	GC251	Graphic Production I
CS211	Introduction to Programming	GC302	Graphic Design II
CS354	Data Communications	GC321	Typography
CS423	Systems Analysis and Design	GC352	Graphic Production II
GC201	Graphic Design I	GC367	Commercial Photography I
GC371	Computer Graphic Design I	IT299, 399, 499	Independent Study
GC471	Computer Graphic Design II		
MC100	Communication, Media & Society	IT390, 490	Internship in Information Technology
MC305	Visual Communication	MC211	Journalism I
MC372	Media Policy and Economics	MC230	Intro. to Media Production
IT474	Senior Seminar in Information Technology	MC252	Journalism II
		MC271	Writing for the Electronic Media
<i>IT Electives (3 must be chosen)</i>			
CS220	Programming for Windows	MC301	Media Criticism
CS244	Fundamentals of Programming I	MC332	Multi-Camera Production
CS245	Fundamentals of Programming II	MC410	Mass Media and Society
CS320	Software Design		
CS343	Data Base Management Systems		

Minor Requirements

The Information Technology program offers a variety of courses that can be applied to majors in other fields. The minor consists of four required courses and three elective courses, for a total of 21 credits. The required courses are:

CS101	Introduction to Computers
IT102	Introduction to Information Technology
GC201	Graphic Design I
MC100	Communication, Media & Society

The three elective courses for the minor may be taken from the list of core courses and elective courses for the major. Students who major in Graphic Communications, Mass Communication, or Computer Science may minor in Information Technology; however, only one of the courses used for the IT minor may be used for the major. At least 6 courses, therefore, will be taken exclusively to fulfill the requirements for the minor.

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
IC110	Integrated Science I
IC101	Individual and Community
CS101	Introduction to Computers
GC201	Graphic Design I

Spring Semester

IC106	College Writing II
IC111	Integrated Science II
IT102	Intro. to Information Technology
MC100	Communication, Media & Society
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
GC371	Computer Graphic Design I
CS211	Introduction to Programming
_____	Elective

Spring Semester

IC260	Twentieth Century Mathematics Requirement
IC204	Portfolio Assessment Seminar
GC472	Computer Graphic Design II
_____	Elective
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
MC305	Visual Communication
CS354	Data Communications
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
MC372	Media Policy and Economics
_____	IT Elective
_____	Elective

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
_____	IT Elective
_____	IT Elective
_____	Elective
_____	Elective

Spring Semester

IT474	Senior Seminar in Information Technology
CS423	Systems Analysis and Design
_____	Elective
_____	Elective
_____	Elective

**One of these two courses may be taken either in the Fall or the Spring semester.*

Information Technology Curriculum

IT102 Information Technology

3 credits

This course brings together tools from various disciplines for the implementation of well designed, robust electronic communication. It covers technologies in the communications and computing fields, including databases, the Internet & World Wide Web, information technology tools and formats, multimedia, non-linear audio and video editing and graphic animation, and product evaluation.

IT390, 490 Internship in Information Technology

2–6 credits

This is an opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met. Internships are developed in consultation with a faculty internship advisor and require the approval of the advisor, prospective intern supervisor and the Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the internship advisor in consultation with the employer. *Prerequisite: permission of instructor.*

IT299, 399, 499 Independent Study

2–3 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

IT474 Senior Seminar in Information Technology

3 credits

This class begins with presentations by class members on what they see as the most interesting/valuable topic in Information Technology. These presentations provide the groundwork for student independent research for the rest of the semester. The class as a group investigates Information Technology in two areas: 1) the hot topics in the field, which show the most potential for growth and impact in the coming years; and 2) the social implications of IT. These investigations will take the form of readings, discussions, site visits, films, etc. The last few weeks of the semester are devoted to student presentations on their independent research. *Prerequisite: senior standing.*

Interdisciplinary (ID) Courses

ID111–112 World Project I and II

1 credit each

The World Project is a multidisciplinary course in which students create an imaginary, alternative world (a world in another solar system), along with its life and its societies, based on known principles of the natural and social sciences. *Prerequisite: sophomore standing or permission of instructor.*

ID241–244 Musical Production I–IV

1 credit

An interdisciplinary course giving students the opportunity to present public performances of major Broadway musicals. Performances are produced by the combined efforts of the Theatre Arts and Music Departments and are presented in the Spring semester. Recent productions include: *Kiss Me, Kate, Damn Yankees, Boys from Syracuse, Working, The Threepenny Opera, and Carousel.* Course open to students by audition.

Interdisciplinary Majors

NOTE: For information on Interdisciplinary Majors, see page 166, Student-designed Major.

Interdisciplinary Minors

Biology and Behavior

This program is a creative mix of courses from different disciplines which makes it possible for students to explore this emerging field of inquiry from several perspectives. Successful completion of the minor would give a student a desirable complement to a major field of study in preparation for graduate work or for career entry.

Minor Requirements

- BI231 Animal Behavior
- S0335 Classical Social Theory
- SO499 Independent Study in Sociology
- S0450 Seminar in Sociological Perspectives (when student meets cumulative grade point average requirement)

One course from each of three groups:

Group One:

- | | |
|---------------------|----------------------|
| AN102 Human Origins | AN354 Human Genetics |
|---------------------|----------------------|

Group Two:

- | | |
|----------------------------|--------------------------------|
| AN216 Human Sexuality | PS302 Psychology of Perception |
| PS155 Psychology of Gender | AN331 Violence and Aggression |

Group Three:

- | | |
|---|--------------------------------|
| AN435 Behavior and the Biological Human | PS304 Physiological Psychology |
|---|--------------------------------|

Social Theory

The minor in Social Theory is designed to expand the theoretical groundings of students in a number of disciplines, but especially those in Political Science, History, Economic Theory, Anthropology, and Sociology. As such, it provides a valuable complement to the major offerings in these fields and may be particularly helpful for students anticipating graduate study.

Minor Requirements

- S0335 Classical Social Theory
- S0336 Contemporary Social Theory
- PA/PO210 Political Theory or PO310 Political Ideologies
- SO416 Political Sociology
- ET474 History of Economic Thought or ET323 Comparative Economic Systems
- S0499 Independent Study in Sociology (Readings in Social Theory)

One of the following:

- SO340 Sects, Cults, Religion and Society
- PA306 Philosophy of Science and Nature

International Business (IB)

PROFESSORS: Edward J. Dennis, T. David McCullough, Debra Picchi, Frederick J. Walsh

A major is offered in International Business. A minor in International Business is offered to students majoring in one of the areas within the Division of Business Administration.

The major in International Business combines a basic liberal arts education with generalized preparation for a career in Management. Emphasis is placed on College and Divisional core course requirements during the first two years of study. The International Business major prepares the student for a position as a manager in an organization which conducts at least part of its operations outside of the United States.

Major Requirements

In addition to the Individual and Community Curriculum (page 103) and Divisional core (page 48), the following courses must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements. Additionally, each candidate for the International Business major must demonstrate the ability to converse in a language other than English. As a minimum, in their chosen language, they must demonstrate the ability to exchange appropriate greetings and observe common amenities and courtesies, get emergency assistance, acquire lodging, order meals, obtain travel instructions, conduct simple purchase transactions, etc. The foreign language requirement can also be met by passing a one-semester foreign language course at the college level.

IB363	The Global Economy	ET323	Comparative Economic Systems
IB211	International Business Cultures	IB365	International Marketing

Any three (3) electives from the following list of courses:

AC314	Cost Accounting I	BA245	Business Law and Its Environment
ET223	Money and Banking	ET357	Int'l. Economic Development
IB366	International Economics	FM311	Managerial Finance
FM423	Investment Analysis	MK317	Physical Distribution
MN321	Organizational Behavior	MN314	Human Resource Management
BA410	World Business and Finance – January overseas experience		

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to residency requirement section of catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
ET101	Principles of Economics I
BA100	Introduction to Business

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
_____	Elective
AC105	Intro to Financial Accounting
_____	Elective

Sophomore Year

Fall Semester

IC210	The American Experience
IC205	Experiencing the Arts
FM224	Principles of Financial Management
MT260	Statistics
IB____	International Business Elective

Spring Semester

IC260	The Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
BA258	Legal and Social Environment of Business
IB____	International Business Elective
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
IB363	The Global Economy
_____	Elective
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
BA374	Research Methods in Business
AN211	International Business Cultures
_____	Elective

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
IB491	Senior Independent Research Paper
ET323	Comparative Economic Systems
_____	Elective
_____	Elective

Spring Semester

BA471	Senior Business Seminar
IB__	International Business Elective
IB365	International Marketing
_____	Elective
_____	Elective

International Business Curriculum

IB211 International Business Cultures

3 credits

Relates the theories and methods of cultural anthropology to business and management. Enhances students' sensitivity to cultural differences so that they more successfully relate to business in international and inter-ethnic contexts.

Spring, odd years

IB245 International Business Law and Its Environment

3 credits

This course emphasizes the law as it affects international business transactions whether in the area of trade, licensing, or investment. Particular emphasis focuses on comparison of laws of different countries. The cultural, political, and economic forces which impact management decision-making for the business person are examined. *Prerequisite: BA213, or permission of instructor.*

IB363 The Global Economy

3 credits

Essential elements of International Business will be covered from the manager's viewpoint. Discussion will include the human and cultural environment of the multinational organization, foreign exchange, finance, trade barriers, etc. *Prerequisites: AC102, ET102, MN201, MK201.*

Fall

IB365 International Marketing

3 credits

The structure of foreign as well as home-based marketing and the financial features of international marketing. *Prerequisites: ET102, MK201, MN201.*

Spring

IB366 International Economics

3 credits

International trade and finance, foreign investment, barriers to trade, foreign economic policy of the United States, trade agreements, and steps toward international economic cooperation and economic development. *Prerequisite: ET102.*

Fall of odd years

IB390 Internship in International Business

2–3 credits

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed

employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites:* AC102, ET102, MN201, MK201, junior class standing, a CGPA of at least 2.0, and permission of Division Chair.

IB391 Internship in International Business

2–3 credits

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for IB390. The granting of more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate by the department head and the Division Chair, a second internship, which is entirely different than that pursued under IB390, may be taken. *Prerequisite:* IB390.

IB491 Senior Independent Research Paper

4 credits

The student is required to develop a research topic and a testable hypothesis which uses primary and/or secondary data for its support or rejection. Under the direction of an advisor, the student develops the background of the problem, a review of current literature relative to the research topic, and an appropriate methodology for collecting and analyzing data and for reaching appropriate conclusions. The student next proceeds to the collection of data, its analysis, and the writing of the paper. While length of paper and number of sources are not primary objectives in its preparation, a minimum of 25 main body pages and the use of at least 20 separate and distinct reference sources will be found in any acceptable paper except under the most unusual circumstances. The research may be defended before a committee of faculty and administrators. *Prerequisites:* BA374 and senior class standing; declared major in the Division of Business Administration or permission of Division Chair.

IB299, 399, 499 Independent Study in International Business

2–3 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Management (MN)

PROFESSORS: Bonnie C. Black, Robert F. Wiesenauer

ASSOCIATE PROFESSOR: Bryan O'Neil

ASSISTANT PROFESSOR: Kelly Kilcrease

A major is offered in Management. A minor in Management is offered to students majoring in one of the areas within the Division of Business Administration.

The major in Management combines a basic liberal arts education with specialized preparation for a career in Management. Emphasis is placed on College and Divisional core course requirements during the first two years of study. The Management major prepares the student for a position as a manager in the business, private, or non-profit sector.

Major Requirements

In addition to the Individual and Community Curriculum (page 103) and Divisional core (page 48) course requirements, the following courses must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements.

MN201 Principles of Management

MN321 Organizational Behavior

MN314 Human Resource Management

FM311 Managerial Finance or AC223 Managerial Accounting

MN371 Small Business Management

MN348 Public Administration or MN426 Government and Business

Three electives chosen from the 300 or 400 level courses offered in the Division of Business Administration.

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to residency requirement section of catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105 College Writing I

_____ Laboratory Science I

IC101 Individual and Community

CS101 Introduction to Computers

ET101 Principles of Economics I

Spring Semester

IC106 College Writing II

_____ Laboratory Science II

BA100 Introduction to Business

AC105 Introduction to Financial Accounting

_____ Elective

Sophomore Year

Fall Semester

IC210 American Experience

IC205 Experiencing the Arts

MN201 Principles of Management

FM224 Principles of Financial Management

BA258 Legal and Social Environment

Spring Semester

IC260 Twentieth Century

_____ Mathematics Requirement

IC204 Portfolio Assessment Seminar

MK201 Principles of Marketing

AC102 Principles of Accounting II

MT260 Statistics

Junior Year

Fall Semester

IC305 Science of Society I

IC310 Ancient & Medieval Worlds*

MN321 Organizational Behavior

IB363 The Global Economy

Spring Semester

IC306 Science of Society II

IC360 Reason & Romanticism*

BA374 Research Methods in Business

FM311 Managerial Finance or AC223
 Managerial Accounting
 MN ___ Management Elective

MN314 Human Resource Management
 MN371 Small Business Management, or
 MN415 Labor and Management

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

IC410 Senior Liberal Arts Seminar
 MN491 Senior Independent Research Paper
 MN348 Public Administration or
 MN426 Government and Business
 _____ Elective
 _____ Elective

Spring Semester

BA471 Senior Business Seminar
 MN___ Management Elective
 _____ Elective
 _____ Elective
 _____ Elective

Management Curriculum

MN201 Principles of Management

3 credits

The process of coordinating all the resources of an organization toward the realization of its goals. *Prerequisite: none; IC105, AC101, ET101 strongly suggested. Note: MN201 must be completed with a grade of C- or better before other MN courses may be taken.*

MN307 Human Relations and Administration

3 credits

How administrators may enhance their understanding of and working relationships with their supervisors, employees under their supervision, and associate administrators. *Prerequisite: MN201.*

MN314 Human Resource Management

3 credits

The selection, training and management of personnel in private and public business. The procuring, developing, maintaining, and utilizing of an effective working team. Current practices and major problems of personnel administration. *Prerequisite: MN201.*

MN321 Organizational Behavior

3 credits

Profit and non-profit organizations. Problems of meeting individual and group needs within organizations. Case histories are studied. *Prerequisite: MN201.*

MN348 Public Administration

3 credits

Public administration and its pragmatic applications in law, public service, the management of bureaucratic structures, and budget. *Prerequisites: ET102, MN201.*

MN365 Production and Operations Management

3 credits

The production process and the problems encountered in the administration of a manufacturing organization. The quantitative and qualitative techniques used to solve the problems. Production facilities, product development, planning and scheduling, and quality control. Similarity of problems and solutions in service-providing organizations. *Prerequisites: MT260, MN201.*

MN371 Small Business Management

3 credits

Organizational structure, financing, accounting and budgeting, advertising, purchasing, risk management, and personnel administration. *Prerequisites: AC102, MN201, MK201.*

MN390 Internship in Management

2-3 credits

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of

55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites:* AC102, ET102, MN201, MK201, junior class standing, a CGPA of at least 2.0 and permission of Division Chair.

MN391 Internship in Management

2–3 credits

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for MN390. The granting of more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate by the department head and the Division Chair, a second internship, which is entirely different than that pursued under MN390, may be taken. *Prerequisite:* MN390.

MN426 Government and Business

3 credits

Public policy and legislative developments in regulation, antitrust laws, control over price, and public utility regulations. Roles of government, business and labor in a mixed economy. *Prerequisites:* ET102, MN201.

MN491 Senior Independent Research Paper

4 credits

The student is required to develop a research topic and a testable hypothesis which uses primary and/or secondary data for its support or rejection. Under the direction of an advisor, the student develops the background of the problem, a review of current literature relative to the research topic, and an appropriate methodology for collecting and analyzing data and for reaching appropriate conclusions. The student next proceeds to the collection of data, its analysis, and the writing of the paper. While length of paper and number of sources are not primary objectives in its preparation, a minimum of 25 main body pages and the use of at least 20 separate and distinct reference sources will be found in any acceptable paper except under the most unusual circumstances. The research may be defended before a committee of faculty and administrators. *Prerequisites:* BA374 and senior class standing; declared major in the Division of Business Administration or permission of Division Chair.

MN299, 399, 499 Independent Study in Management

2–3 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Marketing (MK)

ASSISTANT PROFESSOR: Kelly Kilcrease

INSTRUCTOR: Jason Little

A major and minor are offered in Marketing.

The major combines a basic liberal arts education with specialized preparation for a career in marketing.

Major Requirements

In addition to the Individual and Community Curriculum (page 103) and Divisional core (page 48) course requirements, the following courses must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements.

MK201 Principles of Marketing
BA100 Introduction to Business

MK314 Consumer Behavior
MK333 Marketing Research

MC100	Communication, Media & Society	MK____	Marketing Elective**
MC/EN	Upper Level Writing Requirement*	MK391	Internship in Marketing***
		MK474	Marketing Management

* *beyond IC105/106 sequence: appropriate courses include one from EN105, EN220, EN235, EN237, EN241, EN417, EN421, MC160, MC260, MC271, MC300, or MC360*

** *from MK304, MK317, MK365, MK299/399/499, AD370*

*** *or MK491 Senior Independent Project in Marketing*

Minor Requirements

The minor in Marketing requires completion of the following courses:

MK201	Principles of Marketing	MC/EN	Upper Division Writing Requirement*
BA100	Introduction to Business		
MC100	Communication, Media & Society	MK474	Marketing Management
MK314	Consumer Behavior		

* *beyond IC105/106 sequence: appropriate courses include one from EN105, EN220, EN235, EN237, EN241, EN417, EN421, MC160, MC260, MC271, MC300, or MC360*

Required for Graduation:

The number of semester hours required for graduation is 120, and include the Individual and Community Integrated Curriculum. The normal course load is 15-16 credits per semester. Transfer students should refer to the residency requirement section of this catalog.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
IC101	Individual and Community
IC110	Integrated Science I
BA100	Introduction to Business
CS101	Introduction to Computers

Spring Semester

IC106	College Writing II
_____	Mathematics Requirement
IC111	Integrated Science II
ET101	Economics I
AC105	Intro. to Financial Accounting

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
MC100	Communication, Media & Society
FM224	Prin. of Financial Management
MK201	Principles of Marketing

Spring Semester

IC260	The Twentieth Century
IC204	Portfolio Assessment Seminar
MT260	Statistics
EN/MC	Upper Level Writing Requirement
BA258	Legal and Social Environment
MK314	Consumer Behavior

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
IB363	The Global Economy
MK333	Marketing Research
MK____	Marketing Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
MK____	Marketing Elective
_____	Elective
BA374	Research Methods**

Senior Year

Fall Semester

MK391	Internship in Marketing**
IC410	Senior Liberal Arts Seminar

Spring Semester

MK474	Marketing Management
BA471	Senior Business Seminar

MK Marketing Elective
_____ Elective/s

_____ Elective
_____ Elective/s

**One of these two courses is required.*

***required for honors track: BA374 Research Methods in Business and MK491 Senior Independent Project in Marketing (Thesis)*

Marketing Curriculum

MK201 Principles of Marketing

3 credits

Principles of managing the product planning, distribution, pricing and promotion activities of business. *Prerequisites: sophomore standing; ET102 required, AC102 strongly recommended. Note: MK201 must be completed with a grade of at least C– before other MK courses may be taken; permission of instructor.*

Fall/Spring

MK304 Advertising

3 credits

Study of the discipline's components: creative, media, research and account work. During the course of the semester students develop an actual advertising campaign. *Prerequisite: MK201.*

Fall

MK314 Consumer Behavior

3 credits

The study of consumer shopping and buying behavior including factors influencing decision-making. *Prerequisite: MK201.*

Fall/Spring

MK317 Physical Distribution

3 credits

The development of services rendered by various distribution systems. Evolution of governmental regulation and economic aspects of distribution as related to other sectors of the economy. *Prerequisites: MK201, MN201.*

As needed

MK333 Marketing Research

3 credits

A study of basic marketing and social science research concepts and practices; research design; sampling; survey, observation and experimental research practices; data collection and analysis. *Prerequisites: MK201, MT260.*

Fall

MK365 International Marketing

3 credits

The structure of foreign as well as home-based marketing and the financial features of international marketing. *Prerequisites: ET102, MK201, MN201.*

Spring

MK390 Internship in Marketing

2–3 credits

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites: AC102, ET102, MN201, MK201, junior class standing, a CGPA of at least 2.0 and permission of Division Chair.*

MK391 Internship in Marketing

2–3 credits

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for MK390. The granting of

more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate by the department head and the Division Chair, a second internship, which is entirely different than that pursued under MK390, may be taken. *Prerequisite: MK390.*

MK474 Marketing Management

3 credits

This capstone course in the Marketing program offers an approach to marketing executive decision-making. Simulation through case studies recreates original marketing decision-making situations. *Prerequisites: senior marketing major or minor and permission of instructor.*

Spring

MK491 Senior Independent Research Paper

4 credits

The student is required to develop a research topic and a testable hypothesis which uses primary and/or secondary data for its support or rejection. Under the direction of an advisor, the student develops the background of the problem, a review of current literature relative to the research topic, and an appropriate methodology for collecting and analyzing data and for reaching appropriate conclusions. The student next proceeds to the collection of data, its analysis, and the writing of the paper. While length of paper and number of sources are not primary objectives in its preparation, a minimum of 25 main body pages and the use of at least 20 separate and distinct reference sources will be found in any acceptable paper except under the most unusual circumstances. The research may be defended before a committee of faculty and administrators. *Prerequisites: BA374 and senior class standing; declared major in the Division of Business Administration or permission of Division Chair.*

MK299, 399, 499 Independent Study in Marketing

2–3 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Mass Communication (MC)

PROFESSOR: Phyllis Scrocco Zrzavy

ASSOCIATE PROFESSORS: Ray Oakes, Richard Roth

ASSISTANT PROFESSOR: John Soares

SENIOR LECTURER: Paul Bush

LECTURERS: Gyaky Bonsu-Anane, Joseph Castiglione, Blake Wood

The Department offers a major and a minor in Mass Communication. In conjunction with other departments, it also provides course work leading to interdisciplinary majors in Advertising, American Studies, Arts Management, and Information Technology, and to the interdisciplinary minor in Women's Studies.

The Department's curriculum is designed for students who seek training toward professional competence in aspects of media management; print and broadcast journalism; and electronic, digital, or broadcast media production. The curriculum also serves those who, upon graduation, want to pursue graduate-level study in the fields of mass communication, media studies, and related areas of academic inquiry.

The Department Core combines a liberal arts approach with discipline-specific training in the theoretical, methodological and analytical principles that constitute the field of mass communication. It also provides instruction in statutory, regulatory, and judicial issues affecting information and the media, and culminates in a senior seminar that explores current issues in the discipline and pays particular attention to the connections between mass

communication and currents in other disciplines.

Four areas of concentration afford students the opportunity to receive specialized training:

- in **Journalism** classes, students acquire a journalistic sensibility for what constitutes newsworthiness, a proper audience awareness, a sense of responsibility in the production and dissemination of news stories, and a level of preparedness that readies them to pursue and achieve their career goals;
- in **Media Management** courses, students gain proficiency in identifying and addressing the issues that affect both the short- and long-term management of traditional and new media ventures;
- classes in **Media Production** help students develop the skills needed to compete for entry-level media positions while pursuing the broader aim of developing in students an appreciation for and understanding of the practical exigencies of mediated communication; and
- **Media Studies** courses are designed to help students become more sensitive to the relationship between media and culture by placing media messages, genre conventions, media subtexts and production elements in their respective social and cultural contexts.

Throughout their entire course of study and irrespective of their chosen field of concentration, students are trained to develop and refine academic and professional research skills and to practice verbal presentation and written communication techniques, from traditional writing to Internet-based collaborative exercises.

To complement their regular course work, students may gain valuable practical experience through participation in co-curricular activities at the campus newspaper (*The Pierce Arrow*), the campus radio station (WFPR), and the campus cable television system (FPC-TV).

The Department also facilitates the placement of qualified students in internship positions, usually in the summer months between their sophomore and junior as well as junior and senior years. These field-based learning experiences allow students to work with media specialists in a professional setting and can substantially enhance their employment potential upon graduation.

Graduation Requirements and Departmental Honors

A total of 120 semester hours are required for graduation, including the College's Individual and Community Integrated Curriculum. The major requires 42 credits for completion. The normal course load is 15-16 credits per semester.

Students must earn a minimum 2.0 grade point average in the major to graduate with a Mass Communication degree.

Seniors may earn graduation honors by maintaining a departmental grade point average of at least 3.25; high honors will be granted to majors who maintain a departmental grade point average of 3.50 or above.

Major Requirements

In addition to completing the Individual and Community Integrated Curriculum (see p. 103), the following are required of all Mass Communication majors:

I. Department Core

Mass Communication Major Core (15 credits):

- MC100 Communication, Media and Society
- MC200 Rhetoric and Society
- MC301 Media Criticism
- MC302 Media Law
- MC400 Senior Seminar

Students typically specialize in one of the following areas of concentration by completing Area of Concentration core and cognate elective requirements.

II. Areas of Concentration:

Journalism Core (12 credits):

MC211 Journalism I
MC212 Broadcast Journalism
MC311 Advanced Broadcast Journalism
MC412 Advanced Journalism Seminar

Journalism Cognate Electives

(6 credits, choose two of the following):

MC230 Introduction to Media Production
MC252 Journalism II
MC272 Broadcast Performance
MC351 Television News Producing
MC352 Feature News Writing
MC353 Environmental Journalism

Media Management Core (12 credits):

MC221 Media Programming
MC222 Organizational Communication
MC321 Media Policy and Economics
MC422 Media Management

Media Management Cognate Electives

(6 credits, choose two of the following):

MC212 Broadcast Journalism
MC230 Introduction to Media Production
MC242 Principles of Media Literacy
MC341 Media and Culture
MC362 Media Marketing

Media Production Core (12 credits):

MC230 Intro. to Media Production
MC331 Single-Camera Production
MC332 Multi-Camera Production
MC431 Advanced Media Production

Media Production Cognate Electives

(6 credits, choose two of the following):

MC271 Writing for the Electronic Media
MC272 Broadcast Performance
MC282 Visual Communication
MC372 Audio Production

Media Studies Core (12 credits):

MC242 Principles of Media Literacy
MC341 Media and Culture
MC342 Mass Communication Theory
MC441 Advanced Media Studies Seminar

Media Studies Cognate Electives

(6 credits, choose two of the following):

MC211 Journalism I
MC230 Intro. to Media Production
MC252 Journalism II
MC281 Understanding Film
MC282 Visual Communication
MC382 Women in Media Representation
MC384 Persuasion Through Media

Self-Designed Area of Concentration

Under specified conditions, it is possible to design a unique area of concentration that fits a student's self-declared pedagogical goals. Students proposing a self-designed concentration must work closely with their major advisor and have their advisor's written approval to create a concentration. The self-designed area of concentration must follow a cohesive pedagogical rationale and must consist of at least 18 credits in addition to the Department Major Core.

III. Electives

Students complete their respective specialization by choosing, after consultation with their Department advisor, 9 credit hours from an array of concentration-specific course options at the 200-level or higher, including credits for independent study and internship.

Minor Requirements

The Department offers the following program of study to all students seeking a minor in Mass Communication:

I. Department Core

Mass Communication Minor Core (12 credits):

MC100 Communication, Media and Society
MC200 Rhetoric and Society
MC301 Media Criticism
MC302 Media Law

II. Focus Areas

Students minoring in Mass Communication typically specialize in one of the following focus areas by completing course work in:

Journalism Focus Area (9 credits):

MC211	Journalism I
MC212	Broadcast Journalism
MC311	Advanced Broadcast Journalism

Media Production Focus Area (9 credits):

MC230	Intro. to Media Production
MC331	Single-Camera Production
MC332	Multi-Camera Production

Media Management Focus Area (9 credits):

MC222	Organizational Communication
MC321	Media Policy and Economics
MC422	Media Management

Media Studies Focus Area (9 credits):

MC242	Principles of Media Literacy
MC341	Media and Culture
MC342	Mass Communication Theory

Self-Designed Focus Area:

Under specified conditions, it is possible to design a unique focus area that fits a student's self-declared pedagogical goals. Students proposing a self-designed focus area must work closely with their minor advisor and have their advisor's written approval to create a focus area. The self-designed focus area must follow a cohesive pedagogical rationale and consist of at least 9 credits in addition to the Department Minor Core.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC101	Individual and Community
IC105	College Writing I
_____	Laboratory Science I
_____	Elective
_____	Elective

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
MC100	Communication, Media and Society
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC205	Experiencing the Arts
IC210	American Experience
MC200	Rhetoric and Society
MC____	AoC Core or Cognate
_____	Elective

Spring Semester

IC204	Portfolio Assessment Seminar
IC260	Twentieth Century
_____	Mathematics Requirement
MC____	AoC Core or Cognate
MC____	AoC Elective
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient and Medieval Worlds*
MC301	Media Criticism
MC____	AoC Core or Cognate
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason and Romanticism*
MC302	Media Law
MC____	AoC Core or Cognate
MC____	AoC Elective

**Students may choose between IC310 and IC360*

**Students may choose between IC310 and IC360*

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
MC____	AoC Core or Cognate
MC____	AoC Elective
_____	Elective
_____	Elective

Spring Semester

MC400	Senior Seminar
MC____	AoC Core or Cognate
_____	Elective
_____	Elective
_____	Elective

Mass Communication Curriculum

Note: To facilitate proper progress through the various course sequences, students must fulfill all prerequisite requirements. In select circumstances, it is possible for a full-time faculty member in an area of concentration to waive a specific prerequisite requirement.

MC100 Communication, Media and Society

3 credits

This course examines the roles of communication media in society, including the philosophy of mass-mediation and the study of media effects on public issues, social values, and cultural tastes. The course presents an historical overview of the main technologies of communication and surveys the discipline's most salient theoretical paradigms.

MC200 Rhetoric and Society

3 credits

This course provides an introduction to the roots of modern public communication by exploring three basic questions: how do we come to hold our beliefs, how are we persuaded to maintain our beliefs, and how are we persuaded to change them? After looking at the ancient quarrel between Plato and the Greek Sophists, the course traces the path of rhetoric into the twentieth century, examining rhetorical areas of social action such as mass movements, propaganda, cults and brainwashing. We also investigate the arguments made by those who claim that the modern mass media hold great powers of persuasion over their audiences.

MC211 Journalism I

3 credits

Students learn and practice basic skills essential to effective news writing. Ethics and current issues in journalism are discussed in depth. *Prerequisite: MC100.*

MC212 Broadcast Journalism

3 credits

A foundational course designed for students to learn the essential skills for producing broadcast news: how to procure and develop sources, fundamentals of beat reporting, developing news judgment, and broadcast writing technique including writing to video. *Prerequisite: MC211.*

MC221 Media Programming

3 credits

An introductory course for those students interested in developing skills in radio, television, and cable programming. This course provides a survey of the programming strategies and tactics used by the electronic media to reach targeted audiences effectively. *Prerequisite: MC100.*

MC222 Organizational Communication

3 credits

The course focuses on the group context of communication, especially as it is employed in organizations. Organizational communication theory, research, and the role of gender in organizations are among topics explored in this course. *Prerequisite: MC100.*

MC230 Introduction to Media Production

3 credits

This course is designed to introduce students to the techniques of media production by familiarizing students with the basic operations of: audio recording equipment, single-camera video production equipment (camcorders and editing units) and the television studio. Each student will gain experience in the pre-production (planning, writing, scheduling, casting), production (shooting, recording), and post-production (editing, audio sweetening) of various single-camera genres.

MC242 Principles of Media Literacy

3 credits

This course focuses on media literacy as a perspective from which we view media messages. It proceeds from the basic awareness that all media consumption is fundamentally an exercise in interpretation and leads up to the abilities to critically appreciate diverse media messages and to accept social responsibility for the engagement with media producers.

MC252 Journalism II**3 credits**

Students polish reporting and writing skills while exploring such topics as the “new media” and tackling journalism’s latest dilemmas. *Prerequisite: MC211.*

MC271 Writing for the Electronic Media**3 credits**

Students learn how to write short-form messages for the broadcast media. Students write and critique radio and television news segments, public service announcements, and spot advertisements. Students also learn the basic script formats for longer form nonfiction and fiction programs. *Prerequisite: MC100.*

MC272 Broadcast Performance**3 credits**

A course for students planning careers in front of the camera or microphone. Emphasis on pronunciation, analyzing commercial copy, and television and radio performance techniques. *Prerequisite: MC230.*

MC281 Understanding Film**3 credits**

This course examines film as a cultural text, focusing on aspects such as genre, movement, and style. Both formulaic and avant-garde approaches are studied. *Prerequisite: MC100.*

MC282 Visual Communication**3 credits**

A visual literacy course dealing primarily with electronic media and film. We explore the theory and practice of visual communication by studying the principle components of modern visual media – language, pictures, and sound. *Prerequisite: MC100.*

MC294 Interpersonal Communication**3 credits**

This course focuses on face-to-face communication, its distinct aspects, and the ways in which it is affected by an increasingly mass-mediated cultural environment. The course assists students in improving their own interpersonal communication skills and relationships through specialized collaborative learning exercises. *Prerequisite: MC100.*

MC301 Media Criticism**3 credits**

This course examines the most important methodologies currently being used to critique the mass media. The media are studied as social, cultural, and political commentary, as well as art, within the broad field of mass communication. *Prerequisites: MC100, MC200.*

MC302 Media Law**3 credits**

This course is designed to study the role and application of law in the field of mass communication. A variety of issues are discussed, including how the law is currently being applied to issues of privacy, libel, speech, and access. *Prerequisites: MC100, MC200.*

MC311 Advanced Broadcast Journalism**3 credits**

This course concentrates on writing to video, fundamentals in gathering sound and shot selection for news video, producing video reporter-packages, voice-overs, and enterprise reporting. *Prerequisites: MC212, MC230.*

MC321 Media Policy and Economics**3 credits**

This course focuses on the relationships between government policy, media economics, and how the public is served by the media. *Prerequisite: MC222.*

MC331 Single-Camera Production**3 credits**

This intermediate course is designed to further develop the students’ conceptual and technical skills in single-camera video production. Students will take part in all stages of the production of ENG (Electronic News-Gathering) and EFP (Electronic Field Production) programs. Each student will gain experience in the pre-production (planning, writing, scheduling, casting), production (shooting, recording), and post-production (editing, audio sweetening) of various single-camera genres. *Prerequisite: MC230.*

MC332 Multi-Camera Production**3 credits**

This intermediate course is designed to further the student's understanding of studio-based video production. It focuses on honing the students' abilities to produce, direct, and crew multi-camera television productions. The students will create two television shows, and take them from conception to "on-air" delivery in a live-to-tape format. By working at various crew positions the student will learn both the technical duties and the group dynamics that go into producing successful programs. *Prerequisite: MC230.*

MC341 Media and Culture**3 credits**

This course seeks to foster a greater appreciation and understanding of the impact that the mass media exert on society. It emphasizes especially the power of mediated imagery with regard to race, gender, and class and the ways in which media representation can serve to either reify or subvert existing practices of social stratification and control. *Prerequisite: MC242.*

MC342 Mass Communication Theory**3 credits**

This course engages specific models and concepts that guide both the production and the consumption of mass-mediated messages. To perfect media literacy skills, students will explore the body of research which describes the specific and cumulative effects that the mass media exert on individual media consumers and on society at large. *Prerequisite: MC242.*

MC351 Television News Producing**3 credits**

This course focuses on producing a complete 15-minute newscast, twice weekly, simulating a newsroom atmosphere that incorporates producing, reporting and anchoring skills and introduces live reporting. *Prerequisite: MC230.*

MC352 Feature News Writing**3 credits**

Students will learn and practice all steps involved in becoming a successful newspaper feature writer. In addition, students will learn how to market freelance features and how to write features for magazines and trade journals. *Prerequisite: MC252.*

MC353 Environmental Journalism**3 credits**

This course explores the broad range of environmental journalism through reading, research and writing. Students will employ the interviewing and fact-gathering of basic journalism while also practicing the more advanced techniques of narrative and personal-point-of-view journalism. Some classwork will take place out-of-doors. *Prerequisite: MC211.*

MC362 Media Marketing**3 credits**

This course will provide a survey of basic broadcast sales and marketing techniques for students who wish to pursue careers in this area. *Prerequisite: MC221 or permission of instructor.*

MC372 Audio Production**3 credits**

This course is designed as an introduction to the basic theories and practices of audio production. Exploration of basic production techniques for radio production and audio in film/video and new electronic media through a series of production exercises and assignments designed as concept building blocks. *Prerequisite: MC230.*

MC373 Sports Broadcasting**3 credits**

A course for students interested in a career in the sports broadcasting profession. Students will be exposed to the theories and practices of reporting sports for both radio and television. The course will provide an historical perspective of the field, as well emphasize the development of skills and techniques to develop and deliver a sports broadcast. *Prerequisites: MC211, MC230.*

MC382 Women in Media Representation**3 credits**

This course is devoted to the critical analysis of representations of women in normative mass media content. It proceeds from the knowledge that gender roles are highly differentiated

across all forms of modern mass communication and focuses especially on the repetitive process of unidimensional signification of women in the realm of popular culture discourse. *Prerequisite: MC200.*

MC384 Persuasion Through Media **3 credits**

This course covers the analysis and understanding of persuasive mass communication used to alter others' beliefs and actions in various contexts. The course examines discourse in the most powerful contemporary practices of persuasion, including political communication, legal communication, and public relations. *Prerequisite: MC200.*

MC400 Senior Seminar **3 credits**

This topics course provides seniors with the opportunity to engage in current issues affecting the discipline and pays particular attention to the connections between mass communication and currents in other areas of academic inquiry. As their final common learning experience, the seminar seeks to let students integrate their acquired general expertise in the field with the learning that has occurred in their respective areas of concentration. *Prerequisites: MC301, MC302.*

MC412 Advanced Journalism Seminar **3 credits**

This course is dedicated to producing a final project within the student's selected news medium, and to developing a portfolio or resume tape that showcases the culmination of study and practice within the concentration. *Prerequisite: MC311.*

MC422 Media Management **3 credits**

This course will offer a review of management techniques and theories necessary for the successful management of television, radio, and cable broadcast operations. *Prerequisite: MC321.*

MC431 Advanced Media Production **3 credits**

Students propose extended video projects (dramatic, documentary, or experimental). Students then write, design, produce, direct, and post-produce their projects. The course builds on skills learned in intermediate production courses. *Prerequisites: MC331, MC332.*

MC441 Advanced Media Studies Seminar **3 credits**

This course focuses on the complex diversity of modern communication forms, their multiple levels of personal engagement, and resulting multi-dimensionality in self-conceptions that they demand of the individual. *Prerequisite: MC342.*

MC391, MC491 Internship Journalism **1-6 credits**

These field-based experiences allow students to work with media specialists in a professional setting to enhance their employment potential upon graduation. Credits are based upon the work hours per week; a maximum of 6 credits may be earned per term. A student may take up to 15 credits towards graduation credit. *Prerequisite: MC211.*

MC392, MC492 Internship Media Management **1-6 credits**

These field-based experiences allow students to work with media specialists in a professional setting to enhance their employment potential upon graduation. Credits are based upon the work hours per week; a maximum of 6 credits may be earned per term. A student may take up to 15 credits towards graduation credit. *Prerequisite: MC221.*

MC393, MC493 Internship Media Production **1-6 credits**

These field-based experiences allow students to work with media specialists in a professional setting to enhance their employment potential upon graduation. Credits are based upon the work hours per week; a maximum of 6 credits may be earned per term. A student may take up to 15 credits towards graduation credit. *Prerequisite: MC230.*

MC394, MC494 Internship Media Studies**1-6 credits**

These field-based experiences allow students to work with media specialists in a professional setting to enhance their employment potential upon graduation. Credits are based upon the work hours per week; a maximum of 6 credits may be earned per term. A student may take up to 15 credits towards graduation credit. *Prerequisite: MC242.*

MC299, MC399, MC499 Independent Study**1-6 credits**

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study must be carefully designed by the student in conjunction with the faculty sponsor and must meet with the approval of the Division Chair. To be eligible for independent study, students typically must have a cumulative GPA of 3.0 or higher and possess the appropriate study habits and time management skills to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or the office of the Division Chair. Course numbers are assigned based on the level of difficulty of the course proposal. *Prerequisite: Permission of a full-time faculty member.*

Mathematics (MT)

PROFESSORS: Normand A. Dion, Carl T. Brezovec

ASSOCIATE PROFESSOR: John A. Valente

A major and a minor are offered in Mathematics

The major in Mathematics offers students a liberal arts background in mathematics, which will serve as preparation for graduate school or for positions in business, industry, or education.

Departmental honors in Mathematics require a 3.00 grade point average in Mathematics and Computer Studies courses, with no grade lower than C. High honors in Mathematics require a 3.50 grade point average, with no grade lower than C.

Students who intend to teach Mathematics in high school should refer to page 65 for information on the secondary teacher certification program.

Major Requirements

In addition to the Individual and Community curriculum (page 103), a minimum of 44 credits in the major must be completed successfully with a grade point average of at least 2.00.

MT221 Calculus I

MT222 Calculus II

MT260 Statistics

MT311 Linear Algebra

MT321 Calculus III

MT330 Differential Equations

MT361 Modern Algebra I

MT380 Mathematics Seminar

MT481 Senior Project

CS101 Introduction to Computers

CS___ Upper level Computer Course

3 Mathematics Electives at the 200 level or above

Minor Requirements

MT221, 222 Calculus I & II

MT260 Statistics

MT321 Calculus III or MT311 Linear Algebra

MT___ 4 credits of Mathematics above 300

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
CS101	Introduction to Computers
IC101	Individual and Community
MT221	Calculus I
_____	Elective

Spring Semester

IC106	College Writing II
MT222	Calculus II
CS_____	Computer Course
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
MT321	Calculus III
PH101	Physics I
_____	Elective

Spring Semester

IC260	Twentieth Century
IC204	Portfolio Assessment Seminar
MT311	Linear Algebra
MT260	Statistics
PH102	Physics II

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
MT380	Mathematics Seminar
MT_____	Mathematics Elective
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
MT330	Differential Equations
MT_____	Mathematics Elective
_____	Elective

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
MT361	Modern Algebra I
MT_____	Mathematics Elective
MT_____	Mathematics Elective
_____	Elective

Spring Semester

MT481	Senior Project
MT_____	Mathematics Elective
_____	Elective
_____	Elective
_____	Elective

Mathematics Curriculum

IC201 Foundations of Mathematics

3 credits

The major goal of the course is to promote critical thinking by aiding the student to state problems clearly, to sort out the relevant from the irrelevant, to abstract common properties from individual situations, and to argue coherently. Students are exposed to good reasoning processes through an introduction to mathematical concepts. *Prerequisite: Passing grade on Placement Exam.*

MT151–152 Algebra and Trigonometry I and II

3 credits each

These courses are the primary preparation for advanced mathematics courses. The precalculus or function approach is used throughout. Emphasis is placed on the understanding of mathematical concepts. *Prerequisites: 2 years of high school algebra and 1 year of high school geometry.*

MT211 Discrete Mathematics

3 credits

This course provides an introduction to the mathematics of computing. Concrete topics include number systems, sets, functions, and relations. An exposure to abstract thinking is gained through the study of logic and proofs.

MT212 Discrete Structures

3 credits

This course includes both concrete topics such as combinatorics and Boolean Algebra as well as the abstract topic of graph theory. Students are required to do proofs using induction. *Prerequisite: MT211.*

MT221–222 Calculus I and II**4 credits each**

The real power of calculus, the Fundamental Theorem of Calculus, is developed early in the course. A combination of the intuitive and theoretical approaches to the fundamental concepts of single variable calculus is used throughout. *Prerequisites: MT151-152 or permission of instructor.*

MT260 Statistics**3 credits**

Collection, presentation, and interpretation of numerical data; frequency distributions, central tendency, dispersion, correlation, normal curve approximation, t-distribution, and chi-square. Emphasis is on hypothesis testing. *Prerequisite: IC201 or equivalent.*

MT305 History of Mathematics**3 credits**

This course is a study of the development of mathematics from the early Egyptian and Greek civilizations through the nineteenth century. There are three important components to the course: historical, biographical and mathematical. Students do mathematical problems of the times using the tools and knowledge appropriate for that period. *Prerequisite: MT221.*

MT311 Linear Algebra**3 credits**

Vector spaces, matrices, and their uses. *Prerequisite: MT222.*

MT315 College Geometry**3 credits**

Analysis of axiomatic systems. Euclidean and non-Euclidean as well as finite and infinite systems using axiomatic approaches. *Prerequisite: MT222.*

MT321 Calculus III**3 credits**

Advanced calculus, series, multiple integration, partial differentiation, differential equations. *Prerequisite: MT222.*

MT330 Introduction to Differential Equations**3 credits**

Solution of elementary differential equations. How differential equations are used to model real-world processes. First-, second-, and higher-order linear differential equations. *Prerequisite: MT321.*

MT361 Modern Algebra I**3 credits**

A thorough study of finite, infinite, abelian, and cyclic groups. Cosets, normal subgroups, and factor groups. Homomorphisms, isomorphisms, and the Jordan-Holder Theorem. *Prerequisite: MT222.*

MT362 Modern Algebra II**3 credits**

Continuation of MT361 with focus on rings and fields. Topics include integral domains, ideals and quotient rings, and extension fields. *Prerequisite: MT361.*

MT373 Probability and Mathematical Statistics**3 credits**

Topics covered will include the fundamental concepts of probability, including conditional and marginal probabilities; discrete and continuous random variables, including the binomial; hypergeometric, Poisson, and normal random variables; mathematical expectations and moment-generating functions; and the applications of probability to such statistical topics as sampling distributions, confidence intervals, and/or tests of hypotheses. *Prerequisite: MT222.*

MT375 Introduction to Operations Research**3 credits**

An introduction to the mathematics and applications of operations research, including a discussion of modeling, linear programming, integer programming, and network algorithms. *Prerequisites: MT222; MT311 recommended.*

MT380–381 Mathematics Seminar**3 credits each**

An exploration of current issues and interesting problems in Mathematics such as Chaos and Fractals, Game Theory, Number Theory, etc. Discussion, problem solving and student presentations.

MT421 Introduction to Mathematical Analysis**3 credits**

A rigorous treatment of the topics in elementary Calculus, including the structure and properties of the real numbers, sequences, functions, limits, continuity, the derivative and Riemann integral and Taylor's theorems. Additional topics will include measurable sets and their properties, continuous functions on metric spaces, and completeness, compactness, and connectedness. *Prerequisites: MT311 and MT330.*

MT481 Senior Project**3 credits**

Required of all Mathematics majors. The student defines a problem or objective in consultation with a department advisor and proceeds with the research. The finished thesis or project is then submitted to and defended before a faculty panel. *Prerequisite: senior standing.*

MT299, 399, 499 Independent Study in Mathematics**2–3 credits**

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Modern Languages (LF, LS)

LECTURERS: Thomas Durnford, Miriam Lockhart

A minor is offered in Spanish.

The language program provides a solid foundation in speaking, listening, reading, and writing, and a broad approach to cultural heritage and literature. The program promotes the study of language as a self-sustaining discipline and a life skill.

To this end the College encourages students in all departments to make their language studies concurrent with work in their major disciplines. Advanced and specialized topics in language and literature, including period and genre courses, are offered under the heading of The Language Seminar.

Students who wish to register for a language already studied in high school must register for at least the intermediate level if they have completed successfully two or more years of that language in high school. However, they may choose to register for the elementary level of a language other than the one studied in high school.

The first two months of LF201 and LS201 consist of an intensive and comprehensive review of the elementary level.

Students who intend to teach Spanish in high school should refer to page 65 for information on the secondary teacher certification program.

Minor Requirements

One may minor in Spanish by successfully completing 18 credits in the language, at least 15 of them (5 courses) beyond the intermediate (200) level.

In Spanish, the courses beyond the intermediate level are to be distributed as follows:

One course on the Spanish Golden Age: LS401, 431, 432, 435, or 436

One course in Contemporary Spanish or Spanish-American Literature: LS405, 406, 415, 416, 421, or 455

One course in Colonial or Contemporary Spanish-American Literature: LS406 or 408

One course in Eighteenth- or Nineteenth-Century Spanish Literature (Neo-Classicism, Romanticism, and Modernism): LS422, 450, or 455

One course in Spanish Literature of the Middle Ages or Hispanic Culture and Civilization:
LS312 or 402

Note:

LS321 or 322, Survey of Hispanic Literatures, may be substituted for one of the last two groupings listed above.

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

French Curriculum

LF101–102 Elementary French I and II **3 credits each**
Introduction to the language, with emphasis on speaking, writing, listening, and reading.

LF201–202 Intermediate French I and II **3 credits each**
Review of the elements of communication skills with emphasis on oral and written expression. Particular attention is given to grammar, pronunciation, and the reading and understanding of literary texts in a contemporary setting. Conducted primarily in French. *Prerequisite: LF102.*

LF301 Advanced French **3 credits**
The building of vocabulary by imagining common life situations and finding expressions appropriate for them. For students who have a solid grasp of French grammar. *Prerequisite: LF202 or permission of the instructor.*

LF299, 399, 499 Independent Study in French **3 credits**
Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic can include specialized language study or projects in Francophone social and cultural studies.

Spanish Curriculum:

LS101–102 Elementary Spanish I and II **3 credits each**
Basic oral and written proficiency for daily communication, with an emphasis on the audiovisual method.

LS201–202 Intermediate Spanish I and II **3 credits each**
Conversational patterns, idioms, dialogues, and special vocabularies for travel and occupations. *Prerequisite: LS102 or permission of the instructor.*

LS217 Spanish and Latin American Literature in Translation **3 credits**
A study of the works of major writers from Spain and Latin America including Borges, Garcia-Marquez, Lorca, Neruda, etc. Texts and discussion are in English.

LS230 Spanish Language for Business and Latin American Business Culture **3 credits**
A study of the vocabulary and terms used in doing business with the Spanish-speaking world in addition to a study of the cultural differences existing between the Latin American and the U.S. style of doing business.

LS301 Advanced Spanish Conversation and Composition **3 credits**
A course for students who have passed the intermediate level, with intensive drills in conversation and composition in order to achieve a mastery of correct oral and written expression in Spanish. *Prerequisite: LS202.*

NOTE: *LS301 or permission of the instructor is prerequisite to the following courses:*

LS312 Hispanic Culture and Civilization

3 credits

A comprehensive survey of Hispanic cultures. The Spanish culture and civilization will be offered in even-numbered years. The Spanish-American culture and civilization will be offered in odd-numbered years.

LS321–322 Survey of Hispanic Literature I and II

3 credits

Introduction to the literature of Spain and Spanish America from the Middle Ages to the present. Study of authors and analyses of their contributions to the intellectual currents of their time. Conducted primarily in Spanish.

The Spanish Seminar

3 credits each

Courses of advanced and specialized content are offered in response to student interest. Other seminars, not listed, may be offered according to students' needs.

Courses frequently offered include:

- LS401 Golden Age (Renaissance and Baroque, sixteenth and seventeenth centuries)
- LS402 Middle Ages and Pre-Renaissance (eleventh through fifteenth centuries)
- LS405 The Generation of 1898 and After
- LS406 Contemporary Spanish-American Literature
- LS408 Spanish-American Literature (Colonial Period)
- LS415 Contemporary Spanish Drama and Poetry
- LS416 Contemporary Spanish Novel and Prose
- LS421 Generation of 1898
- LS422 Neo-Classicism, Romanticism and Realism (eighteenth and nineteenth centuries)
- LS431 The Spanish Picaresque Novel
- LS432 Spanish Mysticism and Asceticism
- LS435 Don Quixote de la Mancha
- LS436 Drama and Poetry of the Golden Age
- LS450 Spanish Novel of the Nineteenth Century
- LS455 Neo-Classic and Romantic Drama and Poetry

LS299, 399, 499 Independent Study in Spanish

3-6 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Music (MU)

PROFESSOR: David E. Brandes

ASSOCIATE PROFESSOR: Paul E. Scharfenberger

SENIOR LECTURER: Laurel E. Browne

LECTURERS: Nathan Davis, Jason C. Little, Ted Mann, Denise G. Nolan,
Richard L. Page, Robert Johnson, Floyd Oster, Cornelia Schwartz

A major and a minor are offered in Music.

The major in Music provides a concrete foundation for students who intend to pursue graduate study or a professional career in music. MIDI (Music Instrument Digital Interface) applications are included in the course offerings. The program enlarges the scope of artistic awareness for students in other departments. Concerts, which offer the opportunity for a

maximum number of students to experience public performance, are given each semester. An audition must be passed for acceptance into the Performance Concentration. A cumulative grade point average of 2.0 must be maintained in required music courses in order to remain in the major. Students contemplating graduate study are urged to follow the performance concentration.

Major Requirements

There are two areas of concentration in music, performance concentration and professional concentration. In addition to these, all students must complete the Individual and Community Curriculum (see page 103).

1. Performance Concentration

MU151, 152, 251, 252	Theory of Music I, II, III, IV	12 credits
MU201, 202	History of Western Music I, II	6
MU216	Ear Training	3
MU103, 104	Piano I, II	4
Six semesters of private instruction on one instrument		12
Seven ensembles		7
MU215, 310	Computer Music I, II	6
MU450	Senior Recital	3
		53 credits

2. Professional Concentration

MU151, 152, 251, 252	Theory of Music I, II, III, IV	12 credits
MU201, 202	History of Western Music I, II	6
MU103, 104	Piano I, II	4
Four semesters of private instruction on one instrument		8
Five ensembles		5
MU215, 310	Computer Music I, II	6
One music elective at the 200-400 level		3
Two music electives at the 300-400 level		6
MU451	Senior Project	3
		53 credits

Students who are not prepared to enter Theory of Music I are required to take MU150 Fundamentals of Music.

Piano majors must take two semesters of another instrument instead of the piano requirement.

Students in both tracks must participate in a performance seminar at the end of every semester of private instruction, to demonstrate progress in their major instrument. This seminar will count towards the private instruction grade for students in the performance concentration. Students in the Professional Concentration are expected to use their music electives to prepare for the Senior Project.

Minor Requirements

MU151, 152	Theory of Music I, II	6 credits
MU201, 202	History of Western Music I, II	6
Three semesters of private instruction on one instrument		6
Three semesters of ensemble		3
One music elective 200 level or higher		3
		24 credits

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide: Performance Concentration

Freshman Year

Fall Semester

IC101	Individual and Community
_____	Laboratory Science I
IC105	College Writing I
MU__	Private Instruction
MU__	Ensemble
MU150	Fund. of Music (if necessary)

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
MU__	Private Instruction
MU103	Piano
MU__	Ensemble
MU151	Theory of Music I

Sophomore Year

Fall Semester

IC210	Experiencing the Arts
IC205	American Experience
MU152	Theory of Music II
MU__	Private Instruction
MU104	Piano
MU__	Ensemble

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
MU251	Theory of Music III
MU__	Private Instruction
MU__	Ensemble
_____	Elective

Junior Year

Fall Semester

IC310	Ancient & Medieval Worlds*
IC305	Science of Society I
MU252	Theory of Music IV
MU__	Private Instruction
MU201	Music History I
MU__	Ensemble

Spring Semester

IC360	Reason & Romanticism*
IC306	Science of Society II
MU__	Private Instruction
MU216	Ear Training
MU202	Music History II
MU__	Ensemble

* One of these two courses may be taken either in the Fall or Spring semester.

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
MU__	Private Instruction
MU215	Computer Music I
MU__	Ensemble
_____	Electives - 6 credits

Spring Semester

MU450	Senior Recital
MU310	Computer Music II
MU__	Ensemble
_____	Electives - 8 credits

Recommended Curriculum Guide: Professional Concentration

Freshman Year

Fall Semester

IC101	Individual and Community
_____	Laboratory Science I
IC105	College Writing I
MU__	Private Instruction
MU__	Ensemble
MU150	Fund. of Music (if necessary)

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
MU__	Private Instruction
MU__	Ensemble
MU151	Theory of Music I
_____	Elective

Sophomore Year

Fall Semester

IC210	Experiencing the Arts
IC205	American Experience
MU152	Theory of Music II
MU__	Private Instruction
MU__	Ensemble
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment
MU251	Theory of Music III
MU__	Private Instruction
_____	Elective

Junior Year

Fall Semester

IC310	Ancient & Medieval Worlds*
IC305	Science of Society I
MU252	Theory of Music IV
MU215	Computer Music I
MU201	Music History I

Spring Semester

IC360	Reason & Romanticism*
IC306	Science of Society II
_____	Elective
MU310	Computer Music II
MU202	Music History II

* One of these two courses may be taken either in the Fall or Spring semester.

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
MU__	Music Elective
MU103	Piano
MU__	Ensemble
_____	Electives - 6 credits

Spring Semester

MU451	Senior Project
MU__	Music Electives - 6 credits
MU104	Piano
MU__	Ensemble
_____	Elective

Music Curriculum

Music Theory Courses

MU150 Fundamentals of Music

3 credits

An introductory course in the elementary materials of music, including notation, meter, scales, intervals, triads, terminology and other rudiments of reading and writing music.

MU151 Theory of Music I

3 credits

A study of triads and their inversions, writing and analysis of basic four-part diatonic chord progressions, melodic writing and analysis, harmonizing simple melodies and the dominant seventh chord. Includes a laboratory section to study sight-singing and aural perception skills.

Prerequisite: MU150 or permission of instructor.

MU152 Theory of Music II

3 credits

A continuation of Theory of Music I, including a study of seventh chords, non-harmonic tones, altered and borrowed chords, elementary modulation through secondary dominants and pivot chords. *Prerequisite: MU151 or permission of instructor.*

MU251 Theory of Music III

3 credits

A continuation of Theory of Music II including diminished seventh chords, augmented triads, Neapolitan sixth, ninth, eleventh and thirteenth chords, and advanced modulation.

Prerequisite: MU152.

MU252 Theory of Music IV

3 credits

A study of musical forms and their development through analysis of representative works. An introduction to twentieth century compositional devices and analysis. *Prerequisite: MU251.*

Music History Courses

MU101 Introduction to Western Music

3 credits

Non-technical in nature, this course explores how a composer communicates to a listener and how form and style are created. Different types and styles of music from various eras are studied.

MU201 History of Western Music I**3 credits**

A survey of music from its origins through the Baroque period. Major composers and their works are discussed and experienced. Special attention is paid to musical developments with related developments in other arts. A technical knowledge of music is presupposed. *Prerequisite: MU152 or permission of instructor.*

MU202 History of Western Music II**3 credits**

A survey of music from the Rococo to the present. Major composers and their works are discussed and experienced. Special attention is paid to musical developments with related developments in other arts. A technical knowledge of music is presupposed. *Prerequisite: MU152 or permission of instructor.*

MU210 Women and Music**3 credits**

Women and Music examines the contributions of women to musical culture through western history and in our contemporary world. Topics explored are women composers, performers, patrons and musical images of women. Genres include classical, jazz, blues, rock, country and hip-hop.

MU212 Jazz History**3 credits**

This uniquely American art is traced from its humble beginnings in the work songs and spirituals of the Old South to ragtime and the early years of New Orleans Dixieland, to the sophisticated, multifaceted jazz of today.

MU213 Popular Musical Culture Since Bill Haley**4 credits**

The impact that music has had on the popular culture of North America and Western Europe since the mid-1950s. The growth and diffusion of popular music since the beginning of "rock'n'roll." Concurrent historical events and movements are studied in some detail as are trends in other arts. Course meets four hours per week.

MU214 World Music**3 credits**

A survey of the music of the world other than western art and popular music. The place of music in societies and its connections with other arts. The music of primitive cultures, the music of the high cultures of Asia, and the folk music of western cultures.

Music History Period Courses**MU311 Music of the Middle Ages****3 credits****MU312 Renaissance Music****3 credits****MU313 Baroque Music****3 credits****MU314 Music of the Classical Period****3 credits****MU315 Romantic Music****3 credits****MU316 Music of the Twentieth Century****3 credits**

Intensive studies of the music of specific eras. Technical analysis of the various styles within each period, with particular emphasis on the major composers of the time. Parallel development in other arts during each era. *Prerequisites: MU201, 202.*

Performance Courses**Applied Music (Fee for Non-Majors)****MU103-104, 203-204, 303-304, 403, 404****Piano I-VIII****2 credits****MU105-106, 205-206, 305-306, 405-406****Guitar I-VIII****2 credits****MU107-108, 207-208, 307-308, 407-408****Voice I-VIII****2 credits****MU157-158, 257-258, 357-358, 457-458****Bass Guitar I-VIII****2 credits****MU159-160, 259-260, 359-360, 459-460****Flute I-VIII****2 credits****MU169-170, 269-270, 369-370, 469-470****Clarinet I-VIII****2 credits****MU177-178, 277-278, 377-378, 477-478****Saxophone I-VIII****2 credits****MU179-180, 279-280, 379-380, 479-480****Percussion I-VIII****2 credits**

MU185–186, 285–286, 385–386, 485–486	Trumpet I–VIII	2 credits
MU187–188, 287–288, 387–388, 487–488	Trombone I–VIII	2 credits
MU189–190, 289–290, 389–390, 489–490	Low Brass I–VIII	2 credits
MU193–194, 293–294, 393–394, 493–494,	Strings	2 credits
MU195–196, 295–296, 395–396, 495–496	Recorder I–VIII	2 credits
MU197–198, 297–298, 397–398, 497–498	Mandolin I–VIII	2 credits

Ensembles

MU161–162, 261–262, 361–362, 461–462	Flute Ensemble I–VIII	1 credit
MU163–164, 263–264, 363–364, 463–464	Saxophone Ensemble I–VIII	1 credit
MU165–166, 265–266, 365–366, 465–466	Percussion Ensemble I–VIII	1 credit
MU167–168, 267–268, 367–368, 467–468	Jazz Ensemble I–VIII	1 credit
MU171–172, 271–272, 371–372, 471–472	Renaissance Ensemble I–VIII	1 credit
MU173–174, 273–274, 373–374, 473–474	Contemporary Music Ensemble I–II	1 credit
MU181–182, 281–282, 381, 382–481–482	Guitar Ensemble I–VIII	1 credit
MU191–192, 291–292, 391–392, 491–492	Choral Union I–VIII	1 credit

MU216 Ear Training **3 credits**
 Ear Training develops aural and music reading skills through dictation and singing of simple to complex rhythms and intervals, diatonic scale patterns to chord progressions. *Prerequisite: MU151.*

Ensembles

MU161–162, 261–262, 361–362, 461–462 Flute Ensemble I–VIII **1 credit**
 This college community ensemble performs a wide variety of repertoire on and off campus. Students may participate on instruments within the flute family from piccolo to bass. *Prerequisite: permission of instructor*

MU167–168, 267–268, 367–368, 467–468 Jazz Ensemble I–VIII **1 credit**
 The Jazz Ensemble is open to all musicians in the College community, with or without previous jazz experience.

Our repertoire consists of combo style jazz, featuring composers of the 1940s to the present. Improvisation is emphasized and student composition and arrangements are encouraged. *Prerequisite: permission of instructor.*

MU171–172, 271–272, 371–372, 471–472 Renaissance Ensemble I–VIII **1 credit**
 Renaissance Ensemble is a small, select group of vocalists and instrumentalists which performs in costume the music and dance of the Middle Ages and Renaissance. Instrumentalists may perform on available early instruments including the recorder and harpsichord. Public performances are given each semester on and off campus. Renaissance Ensemble is open to qualified students, faculty, and staff for credit or non-credit. *Prerequisite: permission of instructor.*

MU173–174, 273–274, 373–374, 473–474 Contemporary Music Ensemble **1 credit**
 Contemporary Music Ensemble explores the musical literature of living composers, local composers and the music of the avant-garde of the 1950s and 1960s. Student compositions may be included at the discretion of the director. *Prerequisite: permission of instructor.*

MU181–182, 281–282, 381–382, 481–482 Guitar Ensemble I–VIII **1 credit**
 The Guitar Ensemble is a small group of auditioned guitarists, bass guitarists and occasionally other instrumentalists. Repertoire includes classical, jazz, blues, folk, popular arrangements and works composed or arranged by the instructor or students. Guitar Ensemble is open to qualified students, faculty, and staff for credit or non-credit. *Prerequisite: permission of instructor.*

MU191–192, 291–292, 391–392, 491–492 Choral Union I–VIII **1 credit**
 Choral Union is a mixed choral ensemble rehearsing and performing choral literature. Instruction in ear training and technical principles of performance are included. A concert is given at the end of each semester. The course is designed to give the maximum number of

people an opportunity to experience musical performance. Choral Union is open to all students for credit or non-credit. No prior performance experience is necessary. However, minimal singing ability is required.

Culminating Projects

MU450 Senior Recital

1 credit

A senior recital is required as a representation of proficiency on an instrument and as a culmination of applied study. The course includes an advanced level of applied instruction in preparation for the recital as well as instruction in programming, performance deportment, historical research, theoretical analysis and other performance related issues. *Prerequisites: Senior status, declared major in music, performance track and completion of all private instruction requirements for the major.*

MU451 Senior Project

3 credits

A culminating course for the professional music track of the major in music. Students will show an advanced level of substantial research, analytical or creative work that demonstrates proficiency in an area of musical interest and preparation. Students may choose from the areas of theory/composition, history, technology or some combination of these for their project specialization. All project selections are subject to departmental approval. *Prerequisites: Senior status, declared major in music, professional track.*

In addition to its regular music courses, the department offers the following from time to time in response to student needs and interests:

MU119	Class Piano	1 credit
MU129-30	Group Guitar I-II	1 credit
MU139	Group Voice	1 credit
MU211	Guitar Literature	3 credits
MU255	Fundamentals of Guitar Fingerboard Harmony	3 credits
MU351	Orchestration	3 credits
MU352	Form and Analysis	3 credits
MU353	Basic Conducting	3 credits
MU401	Seminar in Music	3 credits
MU499	Independent Study in Music	3 credits

Other Music Courses

MU100 Recorder for the Classroom Teacher

1 credit

This course teaches the basics of recorder playing while simultaneously exploring the instrument as a pedagogical tool. Discussion of methods and instruments is included.

MU215 Computer Music Applications I

3 credits

An introductory course in the use of computers in music. Course materials will explore the use of various MIDI instruments and devices, sequencing and notation software, and the principles of synthesizer programming. *Prerequisite: MU150, or permission of instructor.*

MU310 Computer Music Applications II

3 credits

Designed to develop the skills learned in Computer Music I to an advanced level. The student will become a power user with the music software and procure a stronger base in electro/acoustic theory. In depth use of hardware and applicable programming techniques will also be implemented. MIDI and general MIDI will be fully understood by the end of the course. *Prerequisite: MU215.*

Non-Traditional (NT)

NT412 Walk in Europe

15 credits*

Each year, a group of FPC students will be chosen for an extended semester walk, usually across some part of Europe. The group will meet at regular intervals during the year before departure for discussions, assessment of readings from our book list, and planning in preparation for the venture.

During a summer session prior to the walk each student must take two courses: Language for Travelers (covers the rudiments of practical communication skills in applicable languages), and the Walk Seminar (a lecture/discussion course that introduces a wide range of philosophy, literature, and history to enhance the walk experience). Each student will also finalize plans for an independent study related to his/her major (to be completed after the walk).

The walk itself generally covers about fifteen miles each day, and students share equally in daily chores including shopping, setting up the tent, cooking, etc. In this way, the walk combines tremendous freedom and responsibilities for its participants. *Prerequisites: junior status, 2.0 cumulative GPA.*

Fall

* May be taken for credit only one time

For information on London Program, see page 7.

For information on the Washington Center for Internships and Academic Seminars, see page 11.

Philosophy (PA)

PROFESSOR EMERITUS: William Ball

SENIOR LECTURER: Jed Donelan

LECTURERS: Marybeth Amodio, Anthony Dangelantonio, Ralph Hjelm

A minor is offered in Philosophy.

A philosophy minor, or any course in philosophy and religious studies, is an invaluable contribution to all curricula. The pursuit of philosophy enriches awareness of the roots of our Western heritage and traditions, fosters openness to other traditions, and develops skills in critical thinking, reading and writing. The Franklin Pierce philosophy program combines traditional courses in the history of philosophy with interdisciplinary courses that highlight philosophy's practical contributions and adds in-depth seminars on particular thinkers and topics. Courses in religious studies analyze, in the context of the history of ideas, the development and influence of major religious philosophies and symbol systems from ancient to modern times.

Minor Requirements

The Philosophy Minor requires 18 credits, including Introduction, two history courses (one modern, one not), one "Philosophy at Work" course, one seminar and one elective. No more than two Religious Studies courses may count toward the minor.

Philosophy Curriculum

Introductory Courses

PA101 Introduction to Philosophy

3 credits

Philosophy (the love of wisdom) is the systematic examination of essential questions. The course examines questions such as: What is Philosophy? What is real (Metaphysics)? How do we know (Epistemology)? What ought we to do (Ethics)? The questions are critically examined in the light of their formulation by influential thinkers and their relevance to contemporary issues.

PA105 Process of Logical Thinking**3 credits**

By means of traditional and contemporary logic, the course examines the principles of valid reasoning, the nature of deduction and induction, types of definition, formal and informal fallacies, and the foundations of language. The course gives special attention to logical exercises and practical application.

History of Philosophy Courses**PA211 Ancient Philosophy****3 credits**

A survey of Greek philosophy from Thales to Aristotle. Beginning with the natural philosophy of the pre-Socratics, the course moves through the idealism of Socrates and Plato to the broad concerns, material and ideal, of Aristotle. *Prerequisite: PA101 or permission of instructor.*

PA212 Medieval Philosophy**3 credits**

An examination of the major philosophical developments of the medieval era from late Hellenism to the Renaissance. Special attention will be given to such notable thinkers as Plotinus, Augustine, Eriugena, Anselm and Thomas Aquinas and to their influence on western philosophy and culture. *Prerequisite: PA101 or permission of instructor.*

PA214 Modern Philosophy I**3 credits**

This course covers the philosophical developments of the 17th and 18th centuries, a time when our modern ideas of science, individuality and democracy began to take shape. We will focus primarily on the epistemological question "How do we know what we know?" but will also give attention to the moral question "How ought we to act?" By the end of this course students will have a better understanding of the conceptual origins of the contemporary world. *Prerequisite: PA101 or permission of instructor.*

PA216 Modern Philosophy II**3 credits**

This course covers recent and contemporary philosophical movements as well as their roots in 19th century thought. Readings and discussions will center on the existentialism of Sartre and Heidegger, the pragmatism of William James and John Dewey, the linguistic philosophy of Ayer and Wittgenstein, and on such recent developments as phenomenology, feminism and deconstructionism. *Prerequisite: PA 101 or permission of instructor.*

Philosophy at Work Courses**PA209/S0209 Ethics****3 credits**

This course provides a critical study of the standards for evaluating right and wrong by applying traditional ethical theories to contemporary ethical problems. Among the theories to be considered are Kantianism, Utilitarianism and Feminist ethics. Among the topics to be considered are lying, the right to punish, and racism. Crosslisted with Sociology and required by the Criminal Justice major.

PA210/P0210 Political Theory**3 credits**

Considers major political philosophical systems with emphasis on the relationship of theory to practice in historical context. Important theories, such as the concept of natural law, traced from the stoics to Karl Marx and beyond, will be investigated. Intensive review of other modern political concepts and experiments will be included. Crosslisted with Political Science.

PA306 Philosophy of Science and Nature**3 credits**

This course investigates the human relationship with nature, how humans define nature, and how they interact with it. The course will have three major thematic sections: 1) the scientific understanding of this relationship-its historical origins and practical consequences; 2) ethical issues arising from this understanding; 3) the critical examination of new paradigms that might better explain this relationship (or not). Crosslisted with Environmental Science as an elective in the Sociology/Anthropology area of emphasis.

Advanced Seminars

PA302 Seminar on a Philosophical Topic

3 credits

This seminar will concentrate on one of the perennial themes dealt with by the philosophical tradition. Possible topics include the question of free will, the nature of truth, the nature of goodness, the tradition of existentialism, and the tradition of pragmatism. *Prerequisite: PA201 or permission of instructor.*

PA304 Seminar on a Philosophical Thinker

3 credits

This seminar will concentrate on the work of one of the great figures of the Western Philosophical tradition such as Plato, Aristotle, Hume, Kant, Hegel and Kierkegaard. The course will be organized around a careful reading of the author's major works, and will include important secondary literature as well. *Prerequisite: PA101 or permission of instructor.*

Religious Studies

RE201 Introduction to Biblical Thought

3 credits

A critical examination of the biblical literature and its various understandings of God, humanity and history from the primitive myths and Hebraic legends to the Judaism of the early Common Era. Special attention is given to the literature of the Laws, Prophetic writings, Political histories, books of Wisdom, and the religious developments at the time of Jesus.

RE207 Western Religious Thought

3 credits

A survey of the developments of Western religion from the Post-Biblical Hellenistic era to the Reformation of the sixteenth century. The course starts with the literature dealing with the historical and interpreted Jesus leading to the creedal debates and into the thought and influence of Augustine. This is followed by an analysis of the theological impact of Medieval Scholasticism which concludes with a consideration of the thought of Luther and Calvin. Can count towards minor as a non-modern historical course.

RE206 Eastern Religious Thought

3 credits

A study of the essential religious and philosophical features of Hinduism, Buddhism, the Chinese traditions and Islam. Special attention is given to their literatures and fundamental doctrines, their distinctive and varying understandings of ultimacy, human nature and history, as well as their cultural and societal dynamics that have influenced history down to the present day.

RE305 Mythology

3 credits

An examination of myths and mythology as a philosophical and literary expression as well as an essential feature of significant religious and theological historical developments. This course examines by primary and secondary sources classical myths as they originate in Mesopotamian, Egyptian, Hebraic, Greek and Roman traditions. *Prerequisite: one course in philosophy or permission of instructor.*

RE312 Philosophy of Religion

3 credits

An examination of major conceptual claims and issues that have developed throughout Western religious thought: the existence and nature of God, revelation and reason, religious knowledge and language, the problem of evil, the nature of religious experience, and the problem of religious pluralism. *Prerequisite: PA201 or permission of instructor. Can count toward minor as a seminar.*

Physics (PH)

LECTURER: John N. Amstein

Physics Curriculum

PH101–102 General Physics I and II (laboratory)

4 credits each

This two-semester course is designed to show the science of physics as a broadly-based intellectual activity that has firm historical roots and profoundly influences our whole culture. Through lectures, demonstrations, problem solving, and laboratory activities the students will learn the basic concepts of physics (using a historical, mathematical and scientific approach). The first course covers the kinematics and dynamics of motion, momentum, work, power and energy, thermodynamics and fluid dynamics. The second semester covers waves and sound, light and optics, electricity and magnetism, quantum mechanics, and nuclear physics. (The topics are selected and arranged to progress from the simple to more sophisticated concepts and problem solving skills.) *Prerequisite: high school algebra.*

PH201 Meteorology

3 credits

A descriptive study of the atmosphere and how its changes affect planetary weather. Winds, pressure bands and troughs, fronts, storms, and data analysis. *Prerequisite: two semesters of laboratory science.*

PH210 Introductory Astronomy

4 credits

This course is designed to use observations, lectures, demonstrations, problem-solving and model-building techniques to develop the basic concepts of astronomy. Concentrating on the earth and its position in the solar system, the motion and characteristics of the moons, planets, asteroids, comets and our sun will be studied. The student will learn to locate constellations, and be introduced to other topics such as the birth and death of stars, galaxies, and black holes. Naked eye and telescopic observations will be a major component of the course. *Prerequisite: Completion of the core science requirement.*

Political Science (PO)

PROFESSORS: George J. Hagerty, Robin F. Marra (coordinator)

ASSISTANT PROFESSOR: Frank S. Cohen

LECTURER: Beth Fernald

A major and a minor are offered in Political Science.

Politics is an inescapable feature of human organization. The major and minor in Political Science are designed to allow students to explore both the theory and substance of the political phenomena which pervade contemporary society. The major also introduces students to the rigors of policy analysis, whether in the domestic or the international sphere. A major in Political Science also provides students with a background in basic research methodology as well as exposure to the philosophical roots of contemporary political systems.

The major in Political Science provides students with the skills that will enable them to pursue a variety of careers including, but not limited to: government service, law, international business, non-profit organizations, education, journalism, and higher degrees in political science.

Honors in Political Science are granted to those whose grade point average at graduation is 3.25 in courses in the major. High Honors are accorded those who attain a grade point average of at least 3.50 in courses in the major and whose overall grade point average is 3.30 or higher.

Major Requirements

Required Courses:

A minimum of thirty-six credits including at least four (12 credits) 300-level PO courses.

PO200 Political Science Research Methods

PO410 Senior Research Seminar in Political Science

Three of the following:

PO201	U.S. Government	PO206	Comparative Politics
PO205	Contemporary World Affairs	PO210	Political Theory

Elective Courses

At least six of the following (18 credits), four of which must go to define an area of concentration approved by the student's faculty advisor.

PO320	U.S. Social Policy	HS345	The United States, the Cold War & Vietnam
PO344	Environmental Politics	HS371	Twentieth Century U.S. Foreign Policy
PO351	American Presidency	PA209	Ethics
PO352	Constitutional Law I	ET338	Urban Economics
PO353	Constitutional Law II	ET357	Economic Development
PO360	American Foreign Policy Process	MC372	Media Policy and Economics
PO361	Politics of Military Force	MN348	Public Administration
PO362	Nuclear Weapons and World Politics	MN426	Government and Business
HS313	U.S. Social & Labor History	SO340	Law and Society
HS326	The Soviet Union and Successor States	SO416	Political Sociology
		SO421	Poverty and Wealth
		AN317	Third World Problems

Minor Requirements

Required Courses:

Two of the following:

PO201	U.S. Government	PO206	Comparative Politics
PO205	Contemporary World Affairs	PO210	Political Theory

Electives

4 additional classes (12 credits) from the following list, including at least *two* 300-level courses in Political Science:

PO110	Political Violence	PO362	Nuclear Weapons and World Politics
PO111	Politics in Popular Culture	HS313	U.S. Social & Labor History
PO200	Political Science Research Methods	HS326	The Soviet Union and Successor States
PO201	U.S. Government	HS345	The United States, the Cold War & Vietnam
PO205	Contemporary World Affairs	HS371	Twentieth Century U.S. Foreign Policy
PO206	Comparative Politics	PA209	Ethics
PO210	Political Theory	ET338	Urban Economics
PO310	Political Ideologies	ET357	Economic Development
PO320	U.S. Social Policy	MC372	Media Policy and Economics
PO344	Environmental Politics	MN348	Public Administration
PO345	Latin American Politics	SO340	Law and Society
PO325	Public Policy Process	MN426	Government and Business
PO351	American Presidency	SO416	Political Sociology
PO352	Constitutional Law I	AN317	Third World Problems
PO353	Constitutional Law II	SO421	Poverty and Wealth
PO360	American Foreign Policy Process		
PO361	Politics of Military Force		

Required for graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum (page 103). The normal course load is 15-16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
PO_____	100 or 200 level course
_____	Elective

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
_____	Elective
PO_____	200 level course
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
PO_____	200 level course
_____	Elective
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
PO_____	200 level course
_____	Elective
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
_____	Research Methods Requirement
PO_____	300 level course
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
PO_____	300 level course
PO_____	300 level course
_____	Elective

*One of these two courses may be taken either in the Fall or the Spring semester.

Senior Year

Fall Semester

HS410	Senior Research Seminar
PO001	Pol. Science Competency Exam
PO_____	300 level course
PO_____	300 level course
_____	Elective
_____	Elective

Spring Semester

IC410	Senior Liberal Arts Seminar
PO_____	300 level course
_____	Elective
_____	Elective
_____	Elective

Political Science Curriculum

PO001 Political Science Competency Exam*

Individualized program of review and study culminating in an oral Political Science competency exam. Required of all Political Science majors.

PO110 Political Violence

3 credits

Political violence occurs in a variety of forms, ranging from organized masses engaged in state-sponsored conflict (i.e., war) to a lone assassin's bullet striking down a national leader. This course examines both these forms and more. Attention is also given to the following question: is there any moral justification for the use of violence in pursuit of a political goal?

PO111 Politics in Popular Culture

3 credits

This course consists of an investigation into the interactions between politics and popular culture in American society. Particular attention will be given to the role of the mass media and the popular arts in the political system. The objective is to draw important political lessons from questions about these relationships between culture and politics.

PO200 Political Science Research Methods

3 credits

This course deals with the application of quantitative and qualitative research methods to the study of political science. Students will learn how to formulate, operationalize, test, and evaluate empirical hypotheses regarding everyday political phenomena.

PO201 U.S. Government**3 credits**

An examination of the institutions, participants, and processes that characterize political activity in the United States. Focus is not only on the contemporary nature of American government but also on the original design of the Framers and how it has been implemented over time.

PO205 Contemporary World Affairs**3 credits**

This course examines the actors, institutions, and processes that have shaped the political, military, economic, and social life of the planet in the post-World War II era. Particular attention is given to the role of the nation-state and the challenges to it posed by a variety of non-state actors. Major world issues such as overpopulation and ethnic conflict are explored in order to demonstrate that the complexities surrounding these phenomena make their solution problematic within the current global framework.

PO206 Comparative Politics**3 credits**

A survey of major governmental systems in various geographic regions of the world, with emphasis on ideology, structure, and political behavior as they characterize these forms of government.

PO210 Political Theory**3 credits**

Major political philosophical systems with emphasis on the relationship of theory to practice in historical context. Important theories, such as the concept of natural law, traced from the Stoics to Karl Marx and beyond. Intensive review of other modern political concepts and experiments.

PO310 Political Ideologies**3 credits**

A survey from the late eighteenth century to the present, including Democratic Liberalism, Conservatism, Fascism, Marxism-Leninism, and recent ideological thought in the Third World. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO312 American Political Thought**3 credits**

This course explores the development of political ideas in the United States over the course of some four hundred years, from the seventeenth to the late twentieth centuries. The knowledge of the ideas of the statesmen who were the architects of the American system of government is essential if we are to achieve an understanding of present institutions and practices. However, we will also study the writings of others who engage the system as scholars and/or political actors.

PO316 Topics in Political Theory**3 credits**

This course is an advanced exploration into a specific topic of political theory. The topic may be a specific era of political thought (e.g., contemporary, modern, classical, medieval or ancient political theory). The topic may have a particular conceptual focus (e.g., democratic political thought or political thought on gender). The course may focus on a single political thinker (e.g., Machiavelli, Mill, Marx, etc.). Notification of the specific topic can be found in the course registration booklet. The course may be taken more than once under different topics.

PO320 U.S. Social Policy**3 credits**

Examines the development and implementation of national policies and programs in the areas of health, education, civil rights, welfare, and the law. Social and political theories will be used to examine the history of American social policy as well as contemporary and evolving social policy issues and efforts to reform social programs. This course is cross-listed with S0320. *Prerequisite: any PO200 or PO300 level class, or any S0200 level class, or permission of the instructor.*

PO325 Public Policy Process**3 credits**

Study of the various phases of the public policy development process. Attention is focused not only on the individual policy stages, but also the various constituencies that influence the process. Contemporary issues will be utilized for analysis and interpretation of the overall process. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO328 Politics Public Opinion, and Policy Making**3 credits**

This course examines the basic workings of public opinion in modern democracy. Attention is given to the origin, measurement, impact, and consequences of this opinion on political processes such as executive/legislative accountability, policy formulation, and other expressions of the "democratic will." Students will also develop skills in the practical application of survey design, administration, and analysis.

PO344 Environmental Politics**3 credits**

This course is designed to develop an understanding of the political components of environmental policymaking. We will study the interactions between the political process and the environment within the public affairs realm. The comparative analysis of countries will be the primary means for investigating these interactions. Therefore, the United States will be one of many countries examined in comparative perspective. Significant attention will also be given to environmental politics under the assumption that international factors, as well as domestic ones, affect the formation of environmental policy. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO345 Topics in Comparative Politics**3 credits**

This course is an advanced exploration into a specific topic of comparative politics. The topic may cover specific regions of the world or specific foreign countries. The topic may have a particular conceptual focus (e.g., political economy, ethnic/nationalist politics, development, democratization). The analysis of politics and public policy will always be conducted through comparison of two or more countries. Notification of the specific topic can be found in the course registration booklet. The course may be taken more than once under different topics.

PO351 American Presidency**3 credits**

This course explores the basic historical and institutional evolution of the presidency, from the drafting of the Constitution to the present. Particular attention is given to the resources and constraints that affect presidential behavior, the process of presidential decision making, and the evaluation of presidential performance. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO352 Constitutional Law I**3 credits**

An examination of the invention and development of American Constitutional principles, specifically focusing on the separation of powers, federalism, and the democratic process. While the course will be concerned with what the "law" is (and how it got to be such), it will also focus on the Court as a political institution that influences public policies and the rules by which those policies are determined. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO353 Constitutional Law II**3 credits**

Study of the development of case law within the broad areas of civil rights and civil liberties. Specific topics include: freedom of expression under the First Amendment, freedom of and from religion, defendants rights, and protections from racial and other forms of discrimination as provided by the Fourteenth Amendment's guarantee of due process and the "equal protection of the laws." *Prerequisite: PO352, or permission of the instructor.*

PO360 American Foreign Policy Process**3 credits**

The central task of this course will be the identification of: (1) the major actors involved in the American foreign policy process, (2) the goals which they pursue, (3) the resources which they are able to utilize, and (4) the environments or contexts within which these actors must operate. Attention will also be given to case studies and examples that explore the ability of the American foreign policy making process to respond to a variety of internal and external stresses. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO361 Politics of Military Force**3 credits**

A study of both the theoretical foundations and practical applications of the use of military force

in pursuit of political objectives. Will explore the historical record of these uses and, more importantly, will examine their effectiveness as tools of diplomacy. Specific attention will be given to both the French and U.S. wars in Indochina. The contemporary record of conflict within the Third World is also considered. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO362 Nuclear Weapons & World Politics

3 credits

This course focuses (though not exclusively) on the nuclear rivalry between the United States and the Soviet Union, and on how this rivalry has transformed the nature and conduct of world politics. Attention is also given to the implications stemming from the proliferation of nuclear weapons by developing states. The break-up of the Soviet Union and the safety and security of its nuclear arsenal will be considered. Finally, current and recent proposals will be examined in order to assess the prospects for more effective arms control in the future. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO410 Senior Research Seminar

3 credits

Required of all Political Science majors. The seminar will be oriented around a broad topic chosen by the professor and fitted to the research needs of students in Political Science subdisciplines. *Prerequisite: limited to senior Political Science majors.*

PO299, 399, 499 Independent Study in Political Science

1-3 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course. Independent Study courses may also be taken for 1, 2 or 3 credits.

NOTE: See HS491, Field-based Experience in History and Political Science, for related internship.

Psychology (PS)

PROFESSORS: Davina Brown, William H. Jack, Craig W. Platt

ASSOCIATE PROFESSOR: William B. Flynn, Jr.

ASSISTANT PROFESSOR: Emlee C. Kohler

A major and a minor are offered in Psychology.

An Honors candidate in Psychology is required to have a 3.0 overall grade point average with a 3.25 grade point average in Psychology. A High Honors candidate is required to have an overall 3.0 grade point average with a 3.5 grade point average in Psychology.

Students who intend to teach Psychology (Social Science) in high school should refer to page 65 for information on the secondary teacher certification program.

Major Requirements (41 credit hours minimum)

(In addition to the Individual and Community Curriculum, page 103)

PS101 Introduction to Psychology

PS260 Stat. for the Behavioral Sciences

PS261 Research Methods

PS420 Theories of Personality or

PS421 Systems & Theories

PS489 Senior Thesis or

PS490-491 Senior Thesis or

PS495 Senior Internship

One of the following four laboratory courses:

PS301 Experimental Parapsychology

PS302 Psychology of Perception

PS303 Psychology of Learning

PS304 Physiological Psychology

One of the following sequences:

BI101 & BI102

BI101 & AN102

IC110 & IC111

Additional twenty-one elective credit hours in Psychology or other Psychology-related courses approved by the major advisor, including at least one course from each of the categories shown below.

Choose at least **one** of the following courses:

- PS211 Gerontology
- PS230 Child and Adolescent Development

and

Choose at least **one** of the following courses:

- PS322 Social Psychology
- PS324 Industrial Psychology
- PS3xx Community Psychology (pending approval)

and

Choose at least **one** of the following courses:

- PS214 Creative Arts Therapy
- PS323 Seminar on Addiction
- PS340 Techniques of Counseling I

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

- IC105 College Writing I
- IC101 Individual and Community
- BII01 Biology I
- PS101 Introduction to Psychology
- _____ Elective

Spring Semester

- IC106 College Writing II
- BI102 Biology II
- PS__ Psychology Elective
- _____ Elective
- _____ Elective

Sophomore Year

Fall Semester

- IC210 American Experience
- IC205 Experiencing the Arts
- PS260 Behavioral Statistics
- PS__ Psychology Elective
- _____ Elective

Spring Semester

- IC260 Twentieth Century
- _____ Mathematics Requirement
- IC204 Portfolio Assessment Seminar
- PS261 Research Methods
- PS__ Psychology Elective
- _____ Elective

Junior Year

Fall Semester

- IC305 Science of Society I
- IC310 Ancient & Medieval Worlds*
- PS__ PS420 or PS421
- PS__ Psychology Lab Elective
- _____ Elective

Spring Semester

- IC306 Science of Society II
- IC360 Reason & Romanticism*
- PS__ Psychology Elective
- _____ Elective
- _____ Elective

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

- IC410 Senior Liberal Arts Seminar
- PS__ Psychology Elective
- PS489, PS490, or PS495
Thesis or Internship

Spring Semester

- PS489, PS490, or PS495
Thesis or Internship
- PS__ Psychology Elective
- _____ Elective

PS__	Psychology Elective	_____	Elective
_____	Elective	_____	Elective

Please note that the Psychology major requires a three-semester sequence of courses (Behavioral Statistics, Research Methods, and a second Lab course) that *cannot* be taken simultaneously, and must be completed sequentially. Failure to organize this sequence in a timely manner will delay graduation beyond the usual four years.

Recommended:

- 2nd semester freshman year *or*
- 1st semester sophomore year PS260 Statistics
- 1st or 2nd semester sophomore year PS261 Research Methods
- 1st or 2nd semester junior year Lab course (PS301, PS302, PS303, or PS304)

Minor Requirements

- PS101 Introduction to Psychology
- Statistics (MT260 *or* PS260)
- PS261 Research Methods
- Fifteen additional credit hours of Psychology Electives

Psychology Curriculum

PS101 Introduction to Psychology **3 credits**
 The application of psychological principles of learning, perception, cognition, motivation and social and developmental processes to the understanding of human behavior.

PS155 Psychology of Gender **3 credits**
 An introduction to and examination of the similarities and differences in males and females in the areas of personality, social behavior, intelligence and cognition. The course focuses on biological, environmental, and cultural causal mechanisms of realities and stereotypes.

PS211 Psychology of Gerontology **3 credits**
 A comprehensive analysis of the physical, social, and psychological changes associated with aging. Topics will include diseases and disorder of aging, health care systems, and changes in intellectual, cognitive, and sensory functioning. *Prerequisite: PS101.*

PS214 Creative Arts Therapy **3 credits**
 This course is an introduction to the basic theoretical concepts of the creative arts therapies and to the therapeutic process. Focus will be on dance/ movement, art, music, drama, and poetry therapy approaches. *Prerequisites: PS101, Sophomore status, and one other Psychology course.*

PS215 Health Psychology **3 credits**
 The objective of this course is to examine the bio-social and psychological factors which influence behavioral health. Particular emphasis will be placed on primary prevention, stress reduction, and the management and treatment of patients with health related illnesses. *Prerequisite: PS101.*

BI231 Animal Behavior (acceptable as a Psychology course)

PS220 Group Dynamics **3 credits**
 The main focus of this course is to help students increase their awareness of self and others. Students will gain an understanding of the theory and structure of group process as a vehicle to increase their leadership and group problem solving ability. Some consideration will be given to group dynamics as a viable therapeutic construct. *Prerequisite: PS101.*

PS225 Crisis Intervention **1 credit**
 This course will examine several theories of crisis intervention and their application. An

understanding of the methods and procedures involved in dealing with suicide, substance abuse intervention, as well as other emergency situations will be explored. *Prerequisite: PS101.*

PS230 Child and Adolescent Development

3 credits

Psychological aspects of human growth and development from conception through adolescence, with emphasis on intellectual, emotional, and personality development. *Prerequisite: PS101.*

PS231 Adult Development and Aging

3 credits

A continuation of PS230, this course examines developmental change in the adult years, from early adulthood through old age. *Prerequisite: PS230.*

PS250 Introduction to Parapsychology

3 credits

A survey of the phenomena, history, methods and findings of modern scientific research in the areas of telepathy, clairvoyance, precognition, psychokinesis, and healing. *Prerequisite: PS101.*

PS260 Statistics for the Behavioral Sciences

3 credits

Quantitative analysis of behavioral measures including descriptive, correlational and inferential methods. Computer use and basic reporting of statistical results in accordance with APA standards is included. *Prerequisites: Passing score on math placement exam, and AN101, or PS101, or SO101.*

PS261 Research Methods in Psychology

4 credits

A laboratory course. The strategy and techniques of research design, applied statistical techniques, research report writing, and laboratory with field experience. *Prerequisite: Minimum C- in PS260.*

PS285 Sports Psychology

3 credits

The application of psychology to understanding sports behavior. Motivational development and leadership issues are discussed with particular emphasis on understanding and analyzing constructs such as winning and losing, competition, enhancing performance, and the emotional reaction of both players and participants. *Prerequisite: PS101.*

PS300 Domestic Violence

3 credits

This course provides a cause and effect understanding of domestic violence upon the family as a system, and explores the psychological dynamics of both victim and perpetrator. The attitudes of the legal and justice systems are studied. Prevention is emphasized. *Prerequisites: 9 credit hours of psychology, sociology, anthropology, or criminal justice.*

PS301 Experimental Parapsychology

4 credits

A laboratory course. Students utilize scientific methodologies to investigate psychic phenomena in laboratory and field experiments. Research techniques in clairvoyance, precognition, telepathy and psychokinesis are included, with contemporary research in the form of journal articles stressed. Individual work will include completion of an experiment as well as participation in group experiments. *Prerequisite: PS261 (minimum of C-).*

PS302 Psychology of Perception

4 credits

A laboratory course on the study of human sensory and perceptual systems with emphasis on visual processing. The human sensory and perceptual systems and their relationship to current theories of perception are covered. Each student conducts an individual experiment as well as engaging in class experiments. *Prerequisite: PS261 (minimum of C-).*

PS303 Psychology of Learning

4 credits

A laboratory course. An evaluation of learning processes from a historical perspective through issues of current interest, and a review of the experimental research in the area. Topics include respondent, operant, physiological and information processing theories of learning. The laboratory provides "hands on" experience with the research; the student is responsible for an original research project. *Prerequisite: PS261 (minimum of C-).*

PS304 Physiological Psychology**4 credits**

A laboratory course. A survey of the chemical and biological concomitants of human behavior in learning, memory, sleep, personality, stress, addiction, and sexual functioning. The student is responsible for an original research project. *Prerequisite: PS261 (minimum of C-).*

PS310 Tests and Measurements**3 credits**

An evaluation of the theoretical and practical issues in the measurement of intelligence, personality and vocation for use in school, clinical and industrial settings. Topics include the construction, analysis, and presentation of standardized tests as well as issues in the interpretation of test scores and behavior. *Prerequisites: PS101 and PS260.*

PS322 Social Psychology**3 credits**

An analysis of individual, group, and collective behavior from a psychological perspective. Topics include theories, methods and empirical data on conformity, compliance, attribution, social justification, mass persuasion, aggression, prejudice, and affiliation. *Prerequisites: 9 credit hours of psychology, sociology, or anthropology.*

PS323 Seminar on Addiction**3 credits**

An explanation of the social, psychological and physiological factors associated with drug abuse and dependency. Other topics include the disease implications of drug dependency, models of treatment and recovery and approaches to community intervention. *Prerequisites: 9 credit hours of psychology.*

PS324 Industrial Psychology**3 credits**

A survey of psychology as used in industry and military environments. Includes personnel selection, training, and evaluation. The human factors section of the course includes industrial work station design, design of work stations in aircraft, submarines, and spacecraft, and safety engineering. *Prerequisite: PS261.*

PS340 Techniques of Counseling I**3 credits**

Acquaints students with psychoanalytical, behavioral, cognitive, and humanistic techniques of counseling. *Prerequisites: 9 credit hours of psychology or sociology.*

PS342 Psychology of Exceptional Children and Youth**3 credits**

An examination of the social, intellectual and psychological development of exceptional children and youth. Emphasis will be placed on the young person who is gifted, retarded, physically handicapped, or emotionally disturbed. *Prerequisites: PS230 and 3 additional credit hours in psychology.*

PS420 Theories of Personality**3 credits**

A comparative study of classical and current theories of normal personality structure and development with an examination of supporting case study and empirical research. *Prerequisites: 12 credit hours in psychology.*

PS421 Systems and Theories in Psychology**3 credits**

Historical development and contemporary schools of psychology with emphasis on the major schools (systems) of psychology. *Prerequisites: 12 credit hours in psychology.*

PS441 Abnormal Psychology**3 credits**

An understanding of abnormal behavior from both a historical and contemporary perspective. Emphasis placed on the organic, psycho-social, and cultural factors that influence the development of psychopathology. This course also includes an examination of several theories of psychotherapy and their application in treating abnormal behavior. *Prerequisites: 12 credit hours in psychology.*

PS447 Psychology of Consciousness**3 credits**

The study of altered states of consciousness, dreaming, meditation, trance, fantasy, guided

imagery, hallucinations, and mystical transcendence. Historical, crosscultural, and religious perspectives. *Prerequisites: 12 credit hours in psychology.*

PS451 Techniques of Counseling II

3 credits

An application of the basic skills and techniques of counseling covered in PS340. Emphasis placed on developing effective communications and listening skills through case study discussions, role-playing, and video presentations of master therapists in the field. Students also have the opportunity to explore ethical and other practice-related issues. *Prerequisites: PS340 (with a minimum of B) and PS441.*

PS489 Senior Thesis in Psychology (Literature Review)

3 credits

A review of the literature on a topic selected by the student and a thesis advisor. The thesis is to be written with the continuous guidance of the thesis advisor in American Psychological Association style, and must be defended successfully before a faculty committee. *Prerequisites: PS261 and senior standing.*

PS490–491 Senior Thesis in Psychology (Empirical Study)

3 credits each

Original empirical research on a topic selected by a student and a thesis advisor. During the first semester the student reviews the literature and develops a proposal which is approved by members of a faculty committee. During the second semester the student gathers data, analyzes results, and completes the final draft of the thesis. The thesis is to be written in American Psychological Association style, and must be proposed and defended successfully before a faculty committee. *Prerequisites: Minimum C+ received in PS261 and at least second semester junior status.*

PS495 Senior Internship in Psychology

3–15 credits

Qualified students work under supervision in a hands-on learning environment in the field to further their skills in Psychology. Placements are limited, but opportunities are accorded students of exceptional ability. *Prerequisites: 18 credit hours in psychology, senior standing; permission of advisor; acceptance by a sponsoring institution; and a 2.5 GPA.*

PS128, 228, 328, 428 Special Topics

3 credits

A topic constructed around a timely issue in psychology, generally in a field of expertise of the specific faculty member(s) facilitating the course. *Prerequisites vary.*

PS298, 398, 498 Readings in Psychology

1–3 credits

An opportunity for scholarly and professionally focused independent reading and discussion with a faculty member. *Prerequisites vary.*

PS299, 399, 499 Independent Study in Psychology

3 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. The student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study.

Science

Majors are offered in Biology and Environmental Science and may be found in the appropriate catalogue section. Minors are offered in Biology, Chemistry, Environmental Studies, and General Science.

Minor in General Science

The minor in General Science is offered for students with non-science majors who seek a broad program in the sciences. It is intended to develop competence in the science as a discipline and not in any one of its specialties. This minor may be particularly valuable to elementary education majors, business majors seeking to enter technology-related fields, or others who wish to utilize their major in the area of the sciences (e.g., writing, mass communication or graphic communications).

Requirements:

Any six science courses, in three or more disciplines, four of which must be laboratory courses (4 credits each). Integrated Science (IC110-111) may not be used to satisfy the laboratory requirement of the minor. Environmental Science (ES101) and Environmental Laboratory (ES110) together may count as one laboratory course.

Credits: 22-24

Courses recommended for a General Science Minor:

BI101-101 Biology I & II	4 credits each
BI211 Genetics	4 credits
BI231 Animal Behavior	3 credits
BI232 Biophotography	4 credits
BI235 Human Health and Nutrition	3 credits
CH101-102 General Chemistry I & II	4 credits each
ES101 Environmental Science	3 credits
ES110 Environmental Laboratory	1 credit
GL101-102 General Geology I & II	4 credits each
GL205 Environmental Geology	4 credits
IC110-111 Integrated Science I & II	4 credits each
PH101-102 General Physics I & II	4 credits each
PH210 Astronomy	4 credits

Social Work and Counseling (SO, PS)

PROFESSORS: Davina Brown, J Forbes Farmer, William H. Jack, Craig W. Platt

ASSOCIATE PROFESSORS: Douglas F. Challenger, William B. Flynn, Jr.

ASSISTANT PROFESSOR: Emlee C. Kohler

A major and a minor are offered in Social Work and Counseling.

The major develops an informed understanding of contemporary society and is structured to build the self-confidence needed to help others make intelligent choices in their lives. Career options include child-care, community organizing, residential youth counseling, rehabilitation counseling, and youth employment counseling.

A cumulative grade point average of 2.0 must be maintained in required social work and counseling courses in order to remain in the major.

Honors are accorded the student who has a 3.0 grade point average overall and a 3.25 grade point average in major courses. High Honors are awarded the student who has a 3.0 grade point average overall and a 3.5 grade point average in major courses.

Major Requirements:

(In addition to the Individual and Community Curriculum, page 103)

PS101	Introduction to Psychology or	SO335	Classical Social Theory or
SO101	Introduction to Sociology	SO336	Contemporary Social Theory
PS230	Child & Adolescent Development	SO218	Quantitative Research Methods or
PS322	Social Psychology or	PS261	Research Methods in Psychology
PS420	Theories of Personality		or
PS260	Statistics for Behavioral Sciences	SO219	Qualitative Research
PS340	Techniques of Counseling	PS495	Senior Internship in Psychology
SO103	Introduction to Social Work		or
SO220	The Family	SO495	Senior Internship in Sociology
SO203	Community Organization	SO470	Integrating Theory and Practice

Five of the following:

- PS220 Group Dynamics
- PS231 Adult Development and Aging
- PS300 Domestic Violence
- PS328 Child Maltreatment
- PS342 Psychology of Exceptional Children and Youth
- PS441 Abnormal Psychology

- PS451 Techniques of Counseling II
- SO106 Social Problems
- SO205 Race and Ethnic Relations
- SO320 U.S. Social Policy
- SO410 Criminology
- SO416 Political Sociology
- SO421 Poverty and Wealth

Minor Requirements:

Seven courses are required to complete a minor in Social Work and Counseling:

- SO103 Introduction to Social Work
- SO203 Community Organization
- SO220 The Family
- PS230 Child & Adolescent Development
- PS340 Techniques of Counseling I

And one course from the following group

- PS231 Adult Development and Aging
- PS323 Seminar on Addiction
- PS361 Theories of Personality
- PS441 Abnormal Psychology
- PS451 Techniques of Counseling II

And one course from the following group

- SO305 Social Reality of Aging and Death
- SO320 U.S. Social Policy
- SO410 Criminology
- SO416 Political Sociology
- SO421 Poverty and Wealth

Note: Some of these courses have prerequisites or need permission of the instructor. Check course descriptions.

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

- IC105 College Writing I
- _____ Laboratory Science I
- IC101 Individual and Community
- SO__ 100 Level Sociology Course *or*
- PS101 Introduction to Psychology

Spring Semester

- IC106 College Writing II
- _____ Laboratory Science II
- SO220 The Family
- PS260 Statistics for the Behavioral Sciences
- _____ Elective

Sophomore Year

Fall Semester

- IC210 American Experience
- IC205 Experiencing the Arts
- PS261 Research Methods in Psychology *or*
- SO218 Quantitative Research *or*
- SO219 Qualitative Research
- SO203 Community Organization
- _____ Elective

Spring Semester

- IC260 Twentieth Century
- _____ Mathematics Requirement
- IC204 Portfolio Assessment Seminar
- SO322 Social Psychology *or*
- PS361 Theories of Personality
- PS230 Child & Adolescent Development
- SO103 Introduction to Social Work

Junior Year

Fall Semester

- IC305 Science of Society I
- IC310 Ancient & Medieval Worlds*

Spring Semester

- IC306 Science of Society II
- IC360 Reason & Romanticism*

PS340	Techniques of Counseling I	SO__	Elective
SO335	Classical Social Theory <i>or</i>	_____	Elective
SO336	Contemporary Social Theory	_____	Elective
_____	Elective		

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
PS495	Senior Internship (or SO495)
PS__	Elective
PS__	Elective
_____	Elective

Spring Semester

SO470	Integrating Theory and Practice
SO__	Elective
_____	Sociology or Psychology Elective
_____	Elective
_____	Elective

Social Work and Counseling Curriculum

Please refer to Sociology (page 155) and Psychology (page 149) for course descriptions.

Sociology (SO)

PROFESSOR: J Forbes Farmer

ASSOCIATE PROFESSORS: Douglas F. Challenger, Allan Rachlin

A major and a minor are offered in Sociology.

The program prepares students for graduate study in Sociology and occupations utilizing sociological perspectives and methods.

Honors are accorded the major who has a 3.0 overall grade point average and a 3.25 grade point average in Sociology. High Honors are accorded the major who has a 3.0 overall grade point average and a 3.5 grade point average in Sociology.

Students who intend to teach Sociology (Social Science) in high school should refer to page 65 for information on the secondary teacher certification program.

Major Requirements

In addition to the Individual and Community Curriculum (page 103), the following courses must be completed successfully.

SO__	Either SO101 or SO106	SO470	Integrating Theory and Practice
SO218	Quantitative Research Methods	SO__	Senior Thesis or Internship in
SO219	Qualitative Research Methods		Sociology
SO335	Classical Social Theory		<i>plus 6 electives in Sociology.</i>
SO336	Contemporary Social Theory		

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
SO101	Introduction to Sociology <i>or</i>
SO106	Social Problems
_____	Elective

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
SO__	Sociology Elective
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
SO218	Quantitative Research Methods
SO335	Classical Social Theory
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
SO336	Contemporary Social Theory
SO__	Sociology Elective
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
SO219	Qualitative Research Methods
SO__	Sociology Elective
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
SO322	Social Psychology
SO__	Sociology Elective
_____	Elective

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
SO490	Senior Thesis in Sociology or
	SO495-497 Senior Internship in
	Sociology
_____	Elective
_____	Elective
_____	Elective

Spring Semester

SO470	Integrating Theory and Practice
SO__	Elective
SO__	Elective
_____	Elective
_____	Elective

Minor Requirements

Any seven courses in Sociology.

Sociology Curriculum

SO101 Introduction to Sociology

3 credits

An introduction to the major concepts, theories, methods, and perspectives in sociology as well as a survey of some areas of sociological investigation such as the social nature of personal identity as mediated through the influences of race, class, gender, national culture, and the forces of social change.

SO103 Introduction to Social Work

3 credits

Theory and skills in clinical practice (with individuals, groups and families), community/neighborhood services (organizing, planning and development), grant writing, research, and human service management. Cases are analyzed and discussed.

SO106 Social Problems

3 credits

An introduction to the sociological analysis of some of the major social problems faced by American society emphasizing questions such as how social problems are defined, how solutions are proposed and adopted, and how sociological theories and methods can be applied to the study of social problems.

SO203 Community Organization

3 credits

An examination of contemporary approaches to community organization and the development of community-building skills.

SO205 Race and Ethnic Relations

3 credits

An analysis of the problems and possibilities created by racial and ethnic diversity in American society with emphasis given to structural and ideological factors underlying racial and ethnic inequalities.

SO/PA209 Ethics**3 credits**

This course provides a critical study of the standards for evaluating right and wrong by applying traditional ethical theories to contemporary ethical problems. Among the theories to be considered are Kantianism, Utilitarianism, and Feminist ethics. Among the topics to be considered are lying, the right to punish, and racism.

SO210 Deviance and Social Control**3 credits**

This course focuses on the ways society defines institutional and non-institutional deviance and the deviant. Included is an investigation into why socially prohibited behavior occurs and why/what society does to control or prevent it. Various sociological theories (i.e., structural functionalism, culture conflict, cultural transmission, anomic, radical-conflict, control, interactionism) are studied. Also examined are the qualitative and quantitative approaches used to study deviance.

SO216 Human Sexuality**3 credits**

Biological and cultural elements of human sexuality as highlighted by the impact of technological developments requiring a reevaluation of male and female roles in society. *Prerequisite: Sophomore, junior, or senior level.*

SO218 Quantitative Research Methods**3 credits**

This course is an introduction to the social science research procedures that collect data which are easily subject to statistical handling. It is designed to provide instruction and practice in methodological skills that include research design, techniques of data gathering, procedures for data analysis, and strategies for writing up research findings. *Prerequisite: either SO101, SO106, or AN101. Note: Extensive statistical analysis and writing course.*

SO219 Qualitative Research Methods**3 credits**

This course is an introduction to the theoretical foundations and techniques of the qualitative research tradition in the social sciences. It is designed to give students a general background in procedures that include participant observation, life history analysis, intensive interviewing, and document analysis as well as to develop fieldwork skills in observation, interviewing, note taking, and audio and visual recording. *Prerequisite: either AN101, SO101 or SO106 Note: Extensive writing course.*

SO220 The Family**3 credits**

Examination of the current state of the American family and its symbolic importance in American culture. Investigation of the impact of social diversity on variations in family structure, mate selection and the formation of families, relationships among family members, and the interaction between family and society.

SO305 Social Reality of Aging and Death**3 credits**

Uses both social science and fictional accounts to study the reality of growing old in American society. Examination of the way society responds to an increasingly older population. The physical reality of death and the social construction of its meaning in contemporary societies. *Prerequisite: either SO101 or SO220.*

SO315 Contemporary Social Movements**3 credits**

A study of the role of social movements as vehicles for social change. Will use several sociological theories to examine the social histories of social movements. Both national and international case studies will be utilized. *Prerequisite: either SO101, SO106 or AN101.*

SO320 U.S. Social Policy**3 credits**

This course examines national policies and programs which directly influence the quality of life for all citizens. Focusing on areas such as health, education, civil rights, welfare, and the justice system, the course looks at the history of American social policy, social theory, policy process, evolving social policy issues, and national efforts at reform. *Prerequisite: Any 200-level PO, HS, or SO course, or permission of instructor.*

SO322 Social Psychology**3 credits**

The individual in social situations. Theories of social determinants of personality, socially predicated changes, motivation, attitude, and role development. (Same course as PS322; may be taken only once). *Prerequisite: either PS101, SO101 or SO106.*

SO335 Classical Social Theory**3 credits**

A study of the emergence of the sociological perspective through an examination of theories developed by classical social theorists (Aristotle, Smith, Marx, Durkheim, Weber, Simmel, etc.). *Prerequisite: either SO101, SO106 or permission of instructor.*

SO336 Contemporary Social Theory**3 credits**

Part two in a sociological theory sequence (part one is Classical Social Theory). Examines how sociological approaches formulated by early theorists developed into various schools and approaches to analyzing human behavior during the course of the twentieth century. *Prerequisite: either SO101 or SO106.*

SO340 Sects, Cults, Religion and Society**3 credits**

Religion is one of the most powerful, deeply felt, and influential forces in human society. It has shaped people's relationships with each other, influencing family, community, economic and political life. This course is an introduction to the sociological study of religion. The course examines the meanings that religious practice and values have for individual believers, and studies the dynamic interplay of religion with other aspects of society. *Prerequisite: SO101.*

SO350 Law and Society**3 credits**

This course examines social scientific understanding of how law is structured, how law functions as a social institution, and how legal institutions interact with other institutions such as the economy, family, and criminal justice system as well as with issues of race, class, and gender. The course also explores how legal institutions use social scientific knowledge. Additionally, attention is aimed at fostering an appreciation of how legal institutions and their functions vary historically and cross-culturally.

SO400 Readings in Sociology**1–5 credits**

An opportunity for scholarly and professionally focused independent reading and discussion with a faculty member. *Prerequisites: sociology major and permission of instructor.*

SO410 Criminology**3 credits**

This course is a critical study of the qualitative and quantitative methods and the classical and contemporary theories used to research and explain crime as a social phenomenon. The course also explores ways that our knowledge about crime can guide social policy. *Prerequisite: SO210.*

SO416 Political Sociology**3 credits**

An analysis of the nature and distribution of power in society focusing on the social causes and consequences of given power distributions. *Prerequisite: either SO101, SO106 or permission of instructor.*

SO421 Poverty and Wealth**3 credits**

An examination of the ways groups, or categories of persons, have different access to economic resources, status, and power in society, and the consequences that flow therefrom. *Prerequisite: either SO101 or SO106.*

SO450–453 Seminar in Sociological Perspectives**3 credits**

Upon arrangement, seminars are offered which encourage in-depth exploration beyond the competency of introductory and intermediate levels. *Prerequisites: either SO101, SO106, junior standing and permission of instructor.*

SO 460 Corrections**3 credits**

An application of sociological theory and research to prisons and community-based correc-

tional programs. Attention is given to both classical and contemporary analyses of such issues as management, prison violence, subcultures and penal policy. *Prerequisites: SO210; and either SO218 or SO219.*

SO470 Integrating Theory and Practice

3 credits

A seminar in which selected topics are presented and discussed. Application of sociological theory and methods to career situations. *Prerequisites: declared Sociology or Social Work and Counseling major and senior standing.*

SO490 Senior Thesis in Sociology

3 credits

Original research on a topic selected by a student and a thesis advisor. The methodology, design, and writing are carried out with the continuous guidance and advisement of the thesis advisor, and the thesis is required to be defended successfully before a faculty committee. *Prerequisites: junior Sociology major and permission of instructor.*

SO495–497 Senior Internship in Sociology

3–15 credits

Field experience in a learning situation affiliated with a community organization or institution. Placement is arranged by a student in consultation with the Sociology Department. *Prerequisites: sociology major, senior standing, and permission of instructor.*

SO299, 399, 499 Independent Study in Sociology

3 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Sports and Leisure Management (SL)

PROFESSORS: Bonnie C. Black, Margaret S. Ziegler

A major and a minor are offered in Sports and Leisure Management.

The major in Sports and Leisure Management combines a basic liberal arts education with specialized preparation for a career in one of four tracks: 1. Professional Sports Management; 2. Community Recreation; 3. Park and Natural Resource Management; and 4. Commercial Recreation/Travel and Tourism.

Major Requirements

In addition to the Individual and Community Curriculum (page 103) and divisional core (page 48) course requirements, the following courses must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements:

- MN201 Principles of Management
- SL201 Principles of Sports and Leisure Management
- SL243 Programming in Sports and Leisure Management
- SL368 Sports and Recreation Facilities Management
- SL419 Law and Liability in Sports and Recreation
- SL390 Internship in Sports and Leisure Management

Plus three course from one of the tracks listed below.

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The Divisional Business Administration core and the 15 major core credits will be added

to the required 9 credits within each track for a total of 97 required course credits. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Tracks Within Sports and Leisure Management Curriculum

The tracks below follow the Individual and Community curriculum, Division of Business Administration core and the Sports and Leisure Management major:

Professional Sports Management Track

Choose 3 from the courses listed below:

MN314	Human Resource Management	MN321	Organizational Behavior
MN371	Small Business Management	MK201	Principles of Marketing
SL238	Introduction to Training and Treatment in Athletics	MK304	Advertising
SL338	Fitness Management	BA213	Business Law I
		BA214	Business Law II

Recommended: Biology I and II instead of Integrated Science I and II within the core.

Community Recreation Track

Choose 3 from the courses listed below:

SL238	Introduction to Training and Treatment in Athletics	MN314	Human Resource Management
SL357	Recreation Therapy	MK304	Advertising
		SL290	The Explorers: Expeditionary Leadership Program (Summers)
MN348	Public Administration	PS220	Group Dynamics
MN321	Organizational Behavior	PS230	Child and Adolescent Development

Park and Natural Resource Management

Required: SL346 Park and Natural Resource Management

Choose 2 from the courses listed below:

BI218	Ecology	GL105	Environmental Geology
BI342	Conservation Biology	ES210	Evolution of Environmental Thought
MN348	Public Administration	ES101	Environmental Science and ES110 Environmental Science Lab
MN314	Human Resource Management		

Recommended: Biology I & II or Geology I & II instead of Integrated Science I & II within the core.

Commercial Recreation/Travel and Tourism Track

Required:

- *SL295 Principles of Commercial Recreation
- **SL298 Principles of Travel and Tourism
- **HS100 Introduction to Geography

Recommended: Proficiency in a foreign language

Choose two from the courses listed below:

MK304	Advertising	MK314	Consumer Behavior
AN211	International Business Cultures	MN371	Small Business Management
BA213	Business Law I	SL338	Fitness Management
		SL439	Ski Area Management

(* Required class for Commercial Recreation Track)

(** Required class for Travel and Tourism Track)

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
AC105	Introduction to Financial Accounting
BA100	Introduction to Business

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
ET101	Principles of Economics I
BA258	Legal & Social Environment of Business
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
MN201	Principles of Management
_____	Elective
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
MT260	Statistics
SL201	Principles of Sports & Leisure Management
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
SL243	Programming in Sports & Leisure Management
FM224	Principles of Financial Management
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
SL368	Sports and Recreation Facilities Management
IB363	Global Economy
_____	Elective

**One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
SL390	Internship in Leisure Services Management
SL491	Senior Independent Research Paper
_____	Elective
_____	Elective

Spring Semester

BA471	Senior Business Seminar
SL419	Law and Liability in Sports and Recreation
_____	Elective
_____	Elective
_____	Elective

Minor Requirements

The following courses must be completed successfully to fulfill the minor requirements. For Business Administration majors, 21 semester hours must be taken beyond the Divisional Core requirements:

MN201	Principles of Management
SL201	Principles of Sports and Leisure Management
SL243	Programming in Sports and Leisure Management
SL368	Sports and Recreation Facilities Management
SL419	Law and Liability in Sports and Recreation
MK201	Principles of Marketing
SL390	Internship in Sports and Leisure Management

Sports and Leisure Management Curriculum

SL201 Principles of Sports and Leisure Management

3 credits

Community, commercial, therapeutic, and outdoor recreation. Topics include an historical perspective of the importance of recreation, leisure and play; types of agencies and organizations providing recreation services; basic management techniques and problems associated with the field of recreation and leisure; and current trends and future potentials in the field. *Prerequisite: MN201. Note: SL201 must be completed with a grade of C- or better before additional SL courses may be taken.*

Fall and Spring

SL238 Introduction to Training and Treatment in Athletics

3 credits

This course identifies the role of an athletic trainer, including the responsibilities, liabilities and proper sequencing of emergency procedures for the treatment of athletic injuries. Proper techniques for strapping, wrapping and taping various body parts due to injury or for preventative reasons will also be practiced.

Spring

SL243 Programming in Sports and Leisure Management

3 credits

Program design and leadership techniques employed through hands-on activities. The realistic, ethical, and technical skills that a recreation manager should have in order to be successful in programming for various populations and in facilitating a variety of activities. *Prerequisite: SL201.*

Fall

SL290 The Explorers: Expeditionary Leadership Program

3 credits

A fourteen-day experiential program taking place at Franklin Pierce College and Maine Sports. Both high school and college students may enroll in courses, experiencing wilderness leadership theory, expedition planning, rock and rope climbing instruction, wilderness first aid, coastal ecology, sea kayaking, etc.

Summer

SL295 Principles of Commercial Recreation

3 credits

An overview of the commercial recreation area, as exemplified by hotels, motels, restaurants, health and fitness centers, resorts, and industrial and employee recreation settings. A study of commercial areas, economic and marketing trends, financial planning, accounting, and management procedures and issues. *Prerequisites: SL243 and MN 371.*

Fall, odd years

SL298 Principles of Travel and Tourism

3 credits

An overview of the Travel and Tourism industry, including its organization and development, research, promotion, means of travel and environmental as well as international tourism. *Prerequisites: SL243, IC260, HS100.*

Fall, odd years

SL338 Fitness Management

3 credits

A "hands-on" course studying and experiencing the relationships between chronological-functional ages and physiological functioning life-style health status. Emphasis is placed on laboratory inventories of the students, establishing baseline health information and writing goals for positive health life-style. Topics are often supported by guest lecturers, who are practitioners in specialized fields.

Spring, even years

SL346 Park and Natural Resource Management

3 credits

An overview of the management of natural resources and visitors to those resources. Relates the process and application of management principles in the outdoor recreation setting. *Prerequisite: SL243.*

Fall, even years

SL357 Recreation Therapy**3 credits**

Information and guidelines for programs for populations with special characteristics, such as social, emotional, physical, sensory, or learning impairments. Programs for geriatric populations. Emphasis is placed on the development of healthy attitudes toward these groups, information about important characteristics of each group, and the adaptation of popular recreation activities to them. *Prerequisite: SL243.*

Spring, odd years

SL368 Sports and Recreation Facilities Management**3 credits**

General principles and common problems associated with the management of local park systems, recreation areas, and other recreation-based facilities. Overview of general and low-level technical information which is valuable to recreation professionals. *Prerequisites: ET102, SL211.*

Spring

SL390 Internship in Sports and Leisure Management**2-3 credits**

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites: AC102, ET102, MN201, MK201, junior class standing, and permission of Division Chair.*

SL391 Internship in Leisure Services Management**2-3 credits**

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for SL390. The granting of more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate by the department head and the Division Chair, a second internship, which is entirely different than that pursued under SL390, may be taken. *Prerequisite: SL390.*

SL419 Law and Liability in Sports and Recreation**3 credits**

This course informs and educates managers within the leisure industry about legal risks associated with parks, recreation centers, sports and related programs and facilities. Both statutory changes and court decisions that affect programs and facilities are studied in depth.

Spring

SL439 Ski Area Management**3 credits**

An overview of the staffing, maintenance, equipment selection, programming, promotion, legal, and financial aspects of ski area management. On-site observations. *Prerequisites: AC102, MK201, SL243, SL368, SL419.*

As needed, taken in January (register with spring semester).

SL491 Senior Independent Research Paper**4 credits**

The student is required to develop a research topic and a testable hypothesis which uses primary and/or secondary data for its support or rejection. Under the direction of an advisor, the student develops the background of the problem, a review of current literature relative to the research topic, and an appropriate methodology for collecting and analyzing data and for reaching appropriate conclusions. The student next proceeds to the collection of data, its analysis, and the writing of the paper. While length of paper and number of sources are not primary objectives in its preparation, a minimum of 25 main body pages and the use of at least 20 separate and distinct reference sources will be found in any acceptable paper except under the most unusual circumstances. The research may be defended before a committee of faculty and administrators. *Prerequisites: BA374 and senior class standing; declared major in the Division of Business Administration or permission of Division Chair.*

SL299, 399, 499 Independent Study in Sports and Leisure Management

2–6 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Student-Designed (Interdisciplinary) Major (SM)

To be eligible to propose a Student-Designed Major or Minor, students must be in good academic standing (minimum 2.0 cumulative grade point average). Normally, proposals to the Curriculum Committee should be filed before the end of the fifth semester of study.

To propose a Student-Designed Major or Minor, students obtain a proposal form from the Advising Center and discuss procedures with the Coordinator of Advising. Advisors appropriate to the proposed areas of study will be identified. These advisors will assist in the development of the proposal, possibly recommending other faculty with whom the student should confer.

The Student-Designed Major or Minor proposal should be carefully constructed. The major should consist of no fewer than thirty and no more than fifty-four credits. The minor should consist of no fewer than eighteen and no more than twenty-one credits. In addition to the major/minor, the student will be required to complete the 42-credit Individual and Community Integrated Curriculum and accumulate a total of 120 credits in order to graduate. The proposal must represent a coherent educational goal with attention given to the nature of introductory, middle-level, and culminating work in the Student-Designed Major or Minor. Each such major must include a methods course appropriate to the field of study and a culminating activity, such as a senior thesis or independent project that pulls together the experience of the Student-Designed Major.

Following the above guidelines for coherence of program content, the student submits the proposal to the Academic Dean's Office for review, after which it is forwarded to the Curriculum Committee. The student may be asked to meet with the Curriculum Committee to further explain the proposal. The Curriculum Committee will report its recommendation to the Vice President and Dean of Academic Affairs, who will communicate the decision to the student and the Advising Office. Once approved, any changes in the proposed course of study must be approved by the academic advisors and the Dean's Office.

Theatre Arts (TH)

PROFESSOR EMERITUS: William Ball

PROFESSORS: Lee A. Dunholter, Nancy R. Stone

ASSOCIATE PROFESSORS: Wendy B. Dwyer, Richard R. Silvestro, Robert C. Lawson

LECTURERS: Peggy Rae Johnson, Anna Thomford

A major and a minor are offered with concentrations in Performance (Acting/Directing), Dance, and Design and Technical Theatre.

Performance (Acting/Directing)

The concentration in Performance Acting/Directing provides a thorough grounding in the principles of theatrical performance. An intense exploration of an aspect of theatre, such as acting, directing, writing plays, or production, culminates in the Senior Project. In certain cases, students may receive approval to explore facets of theatre or dramatic theory in the form of a written thesis. With the approval of the Theatre Arts faculty, it is also possible to substitute an

internship for the Senior Project. Qualified students of junior standing are eligible to participate in a semester-long theatre program in London, England.

Dance

The concentration in Dance provides a strong basis in the study of contemporary dance, with special attention to technique and the development of the body instrument. Students are introduced early to improvisation and dance composition and soon begin to choreograph their own work for staged presentation. In the final year of study, a Senior Project in choreography, performance, or dance history is required. Dance students perform in the annual Student Dance Concert, in choreography workshops, at the American College Dance Festival, and in touring performances at regional public schools.

Design and Technical Theatre

The concentration in Design and Technical Theatre provides the student with a thorough knowledge of scenic and stage lighting design techniques, the skills necessary to mount major productions, the ability to solve technical problems relating to dramatic productions, as well as mechanical and architectural drafting skills, including scale model-building and renderings of proposed sets for the theatre. Practical experience is gained in Design and Technical Theatre since all students play a large part in the mounting of three major faculty-directed productions and one dance concert per year.

Each Theatre Arts major participates for credit in three productions over a four-year period.

An individual must earn a minimum 2.0 grade point average in the chosen concentration to graduate with a Theatre Arts degree.

Theatre Arts Major Core Requirements

(In addition to the Individual and Community Curriculum, page 103)

TH101	Introduction to Theatre Arts	TH251	Scenography (Scenic Design) I
TH272	Theatre History Survey	TH321	Directing I
TH211	Techniques of Acting I	TH111	Stagecraft I or TH112 Stagecraft II

One dramatic literature course from the following:

EN211	Classical Drama	TH343	Modern American Drama
TH342	Modern European Drama		

Dance Concentration requires TH344 Dance History in place of dramatic literature course above.

In addition to major core requirements, concentration requirements are as follows:

Performance Acting/Directing Concentration

TH212	Techniques of Acting II	TH223	Voice and Diction II
TH322	Directing II	TH450	Senior Performance Project
TH222	Voice and Diction I	TH131 - TH132	Dance Movement I and II

Two courses from either of the specialization groups:

Acting:		Directing:	
TH311	Advanced Acting I	TH323	Directing III
TH312	Advanced Acting II	TH324	Directing IV

Three production courses from the following:

TH161	Production Performance I	ID241	Musical Production I
TH162	Production Performance II	ID242	Musical Production II
TH163	Production Performance III	ID243	Musical Production III

Performance/Dance Concentration

TH132	Dance Movement II	TH305	Dance Technique & Composition III or TH 340 Anatomy & Movement
TH133	Dance Movement III	TH141	Production Performance Dance I
TH137	Ballet Technique I		

TH205 Dance Technique and
Composition I

TH215 Dance Technique and
Composition II

One of the following four courses:

TH134 Dance Movement IV

TH138 Ballet II

TH142 Production Performance Dance II
TH450 Senior Project in Dance

TH306 Teaching Dance for Children

TH315 Dance Technique & Composition IV

Dance Concentration requires TH344 Dance History in place of dramatic literature course above.

Design and Technical Concentration

TH112 Stagecraft II

TH151 Costume Design and
Construction

TH261 Lighting Design I

TH252 Scenography (Scenic Design) II

TH379 Advanced Studies in Theatre
Design and Technology

TH450 Senior Project (Design/Technical)

TH354 Scenography III or TH262
Lighting Design II

Three Production courses from the following:

TH171 Production Design/Technical I

TH172 Production Design/Technical II

TH173 Production Design/Technical III

ID241 Musical Production I

ID242 Musical Production II

ID243 Musical Production III

TH141 Dance Production I

TH142 Dance Production II

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide for Concentration in Performance/Acting

Freshman Year

Fall Semester

IC105 College Writing I

_____ Laboratory Science I

IC101 Individual and Community

TH101 Introduction to Theatre Arts

TH211 Techniques of Acting I

Spring Semester

IC106 College Writing II

_____ Laboratory Science II

TH111-112 Stagecraft I or Stagecraft II

TH131 Dance Movement I

TH212 Techniques of Acting II

Sophomore Year

Fall Semester

IC210 American Experience

IC205 Experiencing the Arts

TH222 Voice and Diction I

TH251 Scenography I

TH161 Production/Performance

_____ Elective

Spring Semester

IC260 Twentieth Century

_____ Mathematics Requirement

IC204 Portfolio Assessment Seminar

TH223 Voice and Diction II

TH272 Theatre History Survey

TH162 Production/Performance

_____ Elective

Junior Year

Fall Semester

IC305 Science of Society I

IC310 Ancient & Medieval Worlds*

TH321 Directing I

TH__ Theatre Elective

TH__ Theatre Elective

TH311 Advanced Acting I

Spring Semester

IC306 Science of Society II

IC360 Reason & Romanticism*

TH322 Directing II

_____ Dramatic Literature

TH163 Production/Performance or

ID__ Musical Production

TH312 Advanced Acting II

** One of these two courses may be taken either in the Fall or the Spring semester.*

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
TH__	Theatre Elective
TH__	Theatre Elective
TH__	Theatre Elective
_____	Elective

Spring Semester

TH450	Senior Theatre Project
TH__	Theatre Elective
TH__	Theatre Elective
TH__	Theatre Elective
_____	Elective

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide for Performance/Directing

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
TH101	Introduction to Theatre Arts
TH211	Techniques of Acting I

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
TH112	Stagecraft II
TH131	Dance Movement I
TH212	Techniques of Acting II

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
TH222	Voice and Diction I
TH251	Scenography I
TH161	Production/Performance
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
TH272	Theatre History Survey
TH162	Production/Performance or
ID__	Musical Production
TH223	Voice and Diction II

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
TH321	Directing I
TH__	Theatre Elective
TH__	Theatre Elective
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
TH322	Directing II
_____	Dramatic Literature
TH__	Theatre Elective
TH163	Production/Performance or
ID__	Musical Production

* One of these two courses may be taken either in the Fall or the Spring semester.

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
TH323	Directing III
TH__	Theatre Elective
_____	Elective
_____	Elective
_____	Elective

Spring Semester

TH450	Senior Theatre Project
TH324	Directing IV
TH__	Theatre Elective
_____	Elective
_____	Elective
_____	Elective

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide for Concentration in Dance

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
TH131	Dance Movement I
_____	Elective

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
TH211	Techniques of Acting I
TH251	Scenography I
TH205	Dance Technique and Composition I

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
TH111-112	Stagecraft I or Stagecraft II
TH212	Techniques of Acting II
TH132	Dance Movement II
TH141	Production Performance Dance I

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
TH344	Dance History
TH215	Dance Technique and Composition II
ID__	Musical Production
TH__	Theatre Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
TH133	Dance Movement III
TH137	Ballet
_____	Elective
TH142	Production Performance Dance II

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
TH305	Dance Technique and Composition III
TH321	Directing I
TH272	Theatre History Survey
TH161	Production/Performance or
ID__	Musical Production

* One of these two courses may be taken either in the Fall or the Spring semester.

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
TH450	Senior Theatre Project
_____	Dramatic Literature
TH__	Theatre Elective
TH143	Production Performance Dance
_____	Elective

Spring Semester

TH315	Dance Technique and Composition IV
TH__	Theatre Elective
_____	Elective
_____	Elective
TH162	Production Performance or
ID__	Musical Production

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide for Concentration in Design and Technical Theatre

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
TH272	Theatre History Survey

TH101 Introduction to Theatre Arts
 TH111 Stagecraft I

TH112 Stagecraft II
 _____ Elective

Sophomore Year

Fall Semester

IC210 American Experience
 IC205 Experiencing the Arts
 TH211 Techniques of Acting I
 _____ Dramatic Literature
 TH251 Scenography I
 TH171 Production/Design and
 Technical Theatre I

Spring Semester

IC260 Twentieth Century
 _____ Mathematics Requirement
 IC204 Portfolio Assessment Seminar
 TH261 Lighting Design I
 TH352 Scenography II
 TH321 Directing I
 TH172 Production/Design and
 Technical Theatre II, or
 ID__ Musical Production

Junior Year

Fall Semester

IC305 Science of Society I
 IC310 Ancient & Medieval Worlds*
 TH151 Costume Design
 TH173 Production/Design II
 _____ Elective
 _____ Elective

Spring Semester

IC306 Science of Society II
 IC360 Reason & Romanticism*
 TH353 Scenography III or
 TH262 Lighting Design II
 _____ Elective
 TH__ Theatre Elective
 TH__ Theatre Elective

* One of these two courses may be taken either in the Fall or the Spring semester.

Senior Year

Fall Semester

IC410 Senior Liberal Arts Seminar
 TH379 Advanced Studies in Theatre
 Technology and Design
 TH__ Theatre Elective
 TH__ Theatre Elective
 _____ Elective

Spring Semester

TH450 Senior Theatre Project
 TH__ Theatre Elective
 TH__ Theatre Elective
 _____ Elective
 _____ Elective

Recommended Liberal Arts Electives for Design/Technical Majors

FA101 Two-Dimensional Design
 FA201 Drawing I
 FA202 Drawing II
 GC341 Illustration
 CS101 Introduction to Computers

FA231 Painting I
 FA281-285 Art History Periods
 EN210 Literary Criticism
 EN310 Shakespeare Comedies
 and History
 EN311 Shakespeare Tragedies
 EN312 Renaissance Drama

Theatre Arts Minor Requirements

TH101 Introduction to the Theatre Arts
 TH272 Theatre History Survey
 TH211 Techniques of Acting I
 TH111 Stagecraft I or TH112
 Stagecraft II

One Dramatic Literature course from the following:

EN310 Shakespeare Comedies and History
 TH342 Modern European Drama
 TH343 Modern American Drama

One course from the following group of specialization:

TH131 Dance Movement I
 TH251 Scenography (Scenic Design) I
 TH261 Lighting Design I
 TH151 Costume Design and
 Construction

Two production courses from the following:

TH161	Production Performance I	TH172	Production Design/Technical II
TH162	Production Performance II	ID241	Musical Production I
TH171	Production Design/Technical I	ID242	Musical Production II

Dance Minor Requirements

TH132	Dance Movement II	TH344	Dance History
TH205	Dance Technique and Composition I	TH141	Production/Dance Performance I
TH215	Dance Technique and Composition II	TH142	Production/Dance Performance II

Two courses from the following for a minimum of eighteen total credits:

TH133	Dance Movement III	TH261	Lighting Design I
TH136	Theatre Dance and Jazz	TH143	Production/Dance Performance III
TH137	Ballet I	TH144	Production/Dance Performance IV
TH151	Costume Design and Construction	ID241	Production Performance Musical
TH305	Dance Technique and Composition III		

Theatre Arts Curriculum

TH101 Introduction to Theatre Arts **3 credits**
An introduction and exploration of the various principles and elements which compose the art of theatre.

TH111 Stagecraft I **3 credits**
Fundamentals of Technical Theatre, including: scene construction and handling, tools, safety, properties, lighting installation, and sound. Thirty hours of production work outside of classroom time is required.

TH112 Stagecraft II **3 credits**
Fundamentals of Technical Theatre, including drafting and stage management. Thirty hours of production work outside of classroom time is required.

TH131 Dance Movement I **3 credits**
Introduction to contemporary dance based on classical, modern, and jazz forms, with beginning improvisational work leading to dance composition.

TH132 Dance Movement II-IV **3 credits**
A studio course emphasizing modern dance technique, improvisation, dance composition leading to performance of student choreographed work. *Prerequisite: TH131 or previous dance training.*

TH136 Theatre Dance and Jazz **3 credits**
A studio introduction to the art of theatrical dance combining contemporary and jazz technique with the learning of set dances from the theatre dance repertory.

TH137-138 Ballet Technique I-II **3 credits**
Classical ballet approached as a fundamental basis for training in many dance forms. Special emphasis is placed on correct body alignment and development of flexibility, articulation, and strength.

TH141-148 Production/Dance Performance I-VIII **1 credit each**
Participation in annual student dance concert either by performing as a dancer on the stage or by choreographing and staging a dance for other dancers. *Prerequisite: by audition.*

TH151 Costume Design and Construction **3 credits**
An introduction to skills used in a Costume Shop will be presented touching subjects such as researching, designing, draping, pattern making, fitting and sewing.

TH161–168 Production/Performance I–VIII**1 credit each**

Students enrolled in this course will participate in the performance of a full-length faculty-directed major production. *Prerequisite: by audition.*

TH171–178 Production/Design and Technical Theatre I–VIII**1 credit each**

The opportunity to participate in the preparation and execution of a major faculty-directed stage production. Opportunities include building, painting, installation of scenery and lighting, operation of stage lighting, and stage management.

TH180 Public Speaking**2 credits**

Students select a speech topic, shape and deliver it. Students participate in speech evaluation.

TH205 Dance Technique and Composition I**3 credits**

A studio course in which it is assumed that dancers have a good command of basic modern dance technique. Students will learn more complex movements and gain strength and speed. Improvisation and dance composition are important elements of this course. *Prerequisite: TH132 or permission of instructor.*

TH211 Techniques of Acting I**3 credits**

Improvisation and scene study techniques designed to develop the actor's powers of imagination and concentration. Based on the principles of the Stanislavski system of acting. Instruction may include practical projects performed for campus audience.

TH212 Techniques of Acting II**3 credits**

Emphasis on scene study and preparation of a role. Expanded use of techniques studied in TH211. Projects will be performed for campus audience. *Prerequisite: TH211.*

TH215 Dance Technique and Composition II**3 credits**

A continuation of Technique and Composition I, greater physical demands are made on the dancer in terms of technique, body control and alignment, and expressive use of movement. Dance composition becomes more sophisticated with attention to the use of several dancers in a piece of choreography, longer and more highly developed pieces, and concern with many of the technical aspects of choreography. *Prerequisite: TH205.*

TH222 Voice and Diction I: The Physical Voice**3 credits**

An examination of vocal habits that are appropriate to various speaking situations, the analysis of individual speaking habits, and the introduction to methods to adapt and enhance individual speaking behavior. This course focuses on the fundamental voice and diction skills required of performance majors as well as those necessary for any profession which relies on vocal presentation.

TH223 Voice and Diction II: The Expressive Voice**3 credits**

A performance course which expands voice and diction techniques and explores the connection between our voices and the expression of text. The actor will learn how to provide the audience with a clear understanding of the literature performed, particularly classical text. *Prerequisite: TH222.*

TH241 Children's Theatre**3 credits each**

Preparation and performance of plays for children. Attention will be given to the difference in the nature of the material and the performance needed for each age group. *Prerequisite: permission of instructor.*

TH251 Scenography I**3 credits each**

A studio course with emphasis on the development of the skills of scenic and costume design and the presentation of those designs. The course will examine the design concept, its research, and its realization in rendering sketches, plans, scale models, and choice of materials. Materials fee.

TH261–262 Lighting Design I and II**3 credits each**

History and technique of stage lighting. Elementary electrical and optical theory as related to stage lighting. Characteristics and control of light and color for the stage. Techniques for drawing lighting plots, schedules, and cue sheets. Mechanics of lighting instruments, lighting control, and color media. Thirty hours of production work outside of classroom time is required. *Prerequisite for TH262: TH261 or permission of instructor.*

TH272 Theatre History Survey**3 credits**

The theatre as an institution. The methods, conventions, and physical conditions of the theatre as a dramatic medium from earliest times to the present. The characteristic types of theatre building, theatre organization and management, stage and scenic production, and acting of each period.

TH305 Dance Technique and Composition III**3 credits**

Continuing study in dance technique and development of the dancer's instrument, the body. Attention to choreographic form and movement to communicate themes. Students will analyze the work of early modern choreographers and continue to create new work of their own. *Prerequisite: TH215.*

TH306 Anatomy of Movement**3 credits**

The application of experimental anatomy to dance movement through readings, hands-on work, imaging, improvisation, and individual studio exploration. *Prerequisite: TH132*

TH311–314 Advanced Acting I–IV**3 credits each**

Techniques of characterization and the flexible use of the actor's instrument in relation to different theatrical styles. Project to be performed for campus audience. *Prerequisites: TH212 and permission of instructor.*

TH315 Dance Technique and Composition IV**3 credits**

Advanced work in modern dance technique with emphasis on performance quality. Dance composition work will continue to develop the individual's command of intention, motivations, clarity, and artistic impact. *Prerequisite: TH305.*

TH321–324 Directing I–IV**3 credits each**

Principles and techniques of analyzing and staging a play. Rehearsal procedures of blocking and coaching and the responsibilities of the director in relation to the scenic aspects of production are exercised through performances for the campus audience. *Prerequisite: TH211 or permission of instructor.*

TH340 Teaching Dance to Children**3 credits**

Designed to address both the theory and practice of dance education, this course includes readings, discussion, and lesson planning that will move directly into an extended in-school teaching experience in one of several local schools. Students will work in teams and will evaluate their experiences at the end of the course.

TH342 Modern European Drama**3 credits**

Introduction to modern major playwrights — Ibsen, Chekhov, Strindberg — through post-Absurdist writers of today. Selected plays are read and analyzed. *Prerequisite: IC105.*

TH343 Modern American Drama**3 credits**

To trace the development of American drama from O'Neill's initial activities with the Provincetown Players, through the depression era agit-prop theatre, the plays representative of the '40s and '50s, the American involvement during the '60s and '70s in the Absurdist tradition, to present trends. *Prerequisite: IC105.*

TH344 Dance History**3 credits**

A broad look at Western theatrical dance with a special emphasis on American modern dance. The course is structured through reading, discussion, and video presentations.

TH352–354 Scenography II, III and IV**3 credits each**

Principles and techniques applied to advanced problems in scenery and costume design. Materials fee. *Prerequisites:* TH251 and permission of instructor.

TH379 Advanced Studies in Theatre Design and Technology**3 credits**

Projects for individual or group study and experimentation in scenic design, lighting design, stagecraft, stage management, or other aspects of technical theatre. A tutorial preparation for the senior project. *Prerequisite:* permission of department coordinator.

TH401–402 Playwriting I and II**3 credits each**

Writing exercises and projects which focus on dramatic conflict, dialogue, character development, and statement of theme. *Prerequisite:* permission of instructor.

TH450 Senior Theatre Project**3 credits**

Project playwriting, directing, acting, dance, design or technical projects, usually of a practical nature. A journal or a thesis will accompany the project. *Prerequisite:* permission of instructor.

TH491 Theatre Arts Internship**2–6 credits**

Available to the major or minor who has demonstrated competency. Requirements include application to a theatrical enterprise wishing to sponsor an intern under supervisory personnel. An internship is available after completion of the sophomore year. *Prerequisite:* permission of the department coordinator.

TH299, 399, 499 Independent Study in Theatre Arts**1–6 credits**

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Women's Studies (WS)

COORDINATOR: Kelli A. Costa

CORE FACULTY: Gerald T. Burns (English), Kelli A. Costa (Anthropology),

Billy D. Horton (Sociology), Mary C. Kelly (History), Debra S. Picchi

(Anthropology), Phyllis S. Zrzavy (Mass Communication)

AFFILIATED FACULTY: Davina Brown (Psychology), Mary Ledoux (Library),

Sandra A. Perry (Education), Melissa M. Stearns (Library)

A minor is offered in Women's Studies.

Women's Studies seeks to expand awareness of women's achievements, contributions, and concerns across time periods, cultures, social classes, as well as racial and ethnic groups. It encourages students to inquire into the economic, political, and intellectual status of women, to actively engage the issues of women's cultures, and to address the social inequities between the genders, both in individual relationships and in the larger community.

The Women's Studies minor provides an enriching complement to studies in a wide range of major fields and will prove particularly useful for students intending to go on to graduate professional school or to pursue careers in such fields as business, communication, education, the health professions, law, politics, social services, and the non-profit sector.

Requirements

Students minoring in Women's Studies are expected to complete seven courses in the Program for a total of 21 credit hours. Of these credits, only **Introduction to Women's Studies** is mandatory. The remaining six courses may be chosen freely from the Program curriculum, provided that at least two courses are selected from the 200-/300-levels and at least three from the 300-/400-levels.

Through the options of pursuing independent study courses at the 300- and 400-levels and of completing an internship during or after the junior year, the Program also offers opportunities for specialized, in-depth learning experiences to students.

Women's Studies Curriculum

WS115 Introduction to Women's Studies

3 credits

This course focuses on the interdisciplinary analysis of women, culture, and society. Topics include: cultural images, socialization, media, sexuality, sexual orientation, work, family, politics, violence, inequality, and racial diversity. The course also examines feminist viewpoints the rough interdisciplinary studies and the relationship of feminist concepts, methods, and modes of analysis to traditional academic disciplines.

PS155 Psychology of Gender

3 credits

An introduction to and examination of the similarities and differences in males and females in the areas of personality, social behavior, intelligence and cognition. The course focuses on biological, environmental, and cultural causal mechanisms of the developmental realities and stereotypes.

WS210 (MU210) Women and Music

3 credits

Women and Music examines the contributions of women to musical culture through western history and in our contemporary world. Topics explored are women composers, performers, patrons and musical images of women. Genres include classical, jazz, blues, rock, country and hip-hop.

AN216 Human Sexuality

3 credits

This course examines the subject from biological and cultural perspectives in an evolutionary perspective. Separates misinformation about sexuality from current scientific findings, with a special emphasis on female sexuality. Reviews cross-cultural options for expressions of sexuality which serve to provoke questions and critiques of our own sexual norms and conduct.

Prerequisite: sophomore, junior, or senior status.

SO220 The Family

3 credits

Examination of the current state of the American family and its symbolic importance in American culture. Investigation of the impact of social diversity on variations in family structure, mate selection and the formation of families, relationships among family members, and the interaction between family and society. *Prerequisite: sophomore, junior, or senior status.*

WS225 (AN225) Women and Culture

3 credits

This course compares and contrasts women's roles across time and space. It includes discussions about biological differences between men and women, and how these differences do and do not affect women's ability to lead, fight, and learn. It also shows the broad range of experiences women have in contemporary cultures, privileging materialist theory in accounting for them.

WS241 (HS241) Beyond Sisterhood: Introduction to American Women's History

3 credits

Through a selection of readings and written projects, this course examines American women's experience from the seventeenth century through to the present day: it explores, among other issues, the landmarks of True Womanhood, women's slave and plantation culture, mid-century women's rights organizations, and the road to suffrage. In its focus on American women's

experience, the course is envisaged as a concerted effort to evaluate the larger issues of diversity, "sisterhood," and progress toward equality. *Prerequisite: WS115 or permission of instructor.*

WS300 Domestic Violence

3 credits

This course provides a cause-and-effects understanding of domestic violence upon the family as a system, and explores the psychological dynamics of both victim and perpetrator. The attitudes of the legal and justice systems are studied. Prevention is emphasized. *Prerequisite: permission of instructor.*

WS340 (PO340) Women in Politics

3 credits

A survey of women and politics as they relate to political theory, world affairs, law, public policy, social movements, and elections. *Prerequisite: permission of instructor.*

WS370 Women Writers

3 credits

A study of selected works by significant female writers, including at least one work outside the British and American traditions. *Prerequisite: permission of instructor.*

WS382 (MC382) Women in Media Representation

3 credits

This course is devoted to the critical analysis of representations of women in normative mass media content. It proceeds from the knowledge that gender roles are highly differentiated across all forms of modern mass communication (the print media, film, radio, television, and the Internet) and focuses especially on the repetitive process of unidimensional signification of women in the realm of popular culture discourse. *Prerequisite: permission of instructor.*

WS410 (AN410) Feminist Theory

3 credits

This course charts the various contributions of anthropologists, feminist theorists and others toward a rethinking of the aims and methods of feminist anthropology. The course focuses on major areas of innovation, including post-structural and post-colonial theories. *Prerequisite: WS115 or permission of instructor.*

WS490 Women's Studies Senior Seminar

3 credits

This course provides for the in-depth study of topical issues in women's studies scholarship and current problematics in feminist criticism and theory. Taught on a rotational basis by various Program faculty, the focus is on the relationship between feminist theory and practice, with the goal of applying the knowledge gained in class to practical experience working with community or national organizations. *Prerequisite: permission of instructor.*

WS395 Internship in Women's Studies

1-6 credits

An internship carrying variable credit depending on the length and intensiveness of the experience. The credit value is determined at the time of registration and placement with execution of contract. *Prerequisite: recommendation of Program faculty.*

WS399, 499 Independent Study in Women's Studies

1-6 credits

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of a Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of a Division Chair. Independent Study courses are assigned numbers of 399 or 499, depending on the level of the course. *Prerequisite: recommendation of Program faculty.*

Academic Regulations

Student Categories

Degree Student: A matriculated degree student is one admitted, registered for degree credit, and working toward a degree.

Special Student: A non-degree, non-matriculated special student is one registered for academic credit but not working toward a degree. A non-degree student may become a degree candidate by applying and being accepted through the Office of Admissions.

Full-time Student: A student who is registered for no fewer than twelve semester hours.

Transfer Student: A degree student who is admitted after having attended another college for one or more full terms and earning a minimum of 26 semester hours or equivalent.

Transfer Credit Policy

Transfer students will be required to complete 42 semester hours of Liberal Arts studies, including a minimum of twelve semester hours in the Individual and Community Integrated Curriculum at Franklin Pierce College.

Degree Requirements

To be eligible for a degree from Franklin Pierce College, a student must have completed a minimum of 120 semester hours of credit (100 level or above) with a minimum cumulative grade point average of 2.00. In addition, Individual and Community Integrated Curriculum requirements and requirements for a major must be satisfied. Students who fail to meet all graduation requirements will not be permitted to participate in Commencement activities. (Transfer students: see Transfer Credit Policy)

Note: In order to graduate, *all* students are required to complete two semesters of a laboratory science, two semesters of College Writing, and Foundations of Mathematics, or acceptable equivalents. Please see Registrar for details.

Second Degree Requirements

Students desiring a second degree in addition to either the B.A. or B. S. as completed above (see degree requirements) must complete a second residency requirement of 30 semester hours, all taken after the completion of the first (B.A. or B. S.) Bachelor's degree.

Developmental Courses

Courses numbered below the 100 level (e.g. GS003 Math Skills) are counted in the grade point average for the semester, but do not count toward the 120 credit hours required for graduation.

Double-Counted Course

A double-counted course is one which may be used to satisfy requirements of two different programs. In order to provide a degree of flexibility for students who wish to complete more than one major and/or minor while maintaining the integrity of the academic programs, the policy for double-counting of courses is established as follows:

For a second major, a minimum of six courses must be taken beyond those that are double-counted.

For a minor program, a minimum of three courses must be taken beyond those that are double-counted.

No education course may be a double-counted course either in a student's major program or core program.

Residency Requirement

A student who is registered for courses at Franklin Pierce College is considered to be "in residence." A minimum of 30 semester hours must be completed in residence, of which 12 semester hours must be completed in the Individual and Community curriculum, including the Senior Liberal Arts Seminar. An additional 12 semester hours must be upper level courses (300

level or above) in the declared major. A student must spend the senior year in residence unless otherwise approved by the academic advisor and the appropriate Division Chair.

To be eligible for a degree with honors, a student must complete a minimum of 60 semester hours in residence.

Limits on Non-Traditional Credit

Franklin Pierce students may accelerate their degree programs through use of non-traditional forms of credit. Included are the Life Experience Advancement Program (see page 5), the College Level Examination Program (see page 204), and coursework validated by the American Council on Education (ACE). The maximum amount of credit for all such forms of non-traditional credit is 75 semester hours. Furthermore, the maximum within each category is as follows:

LEAP	45 semester hours
CLEP	30 semester hours
ACE	45 semester hours

NOTE: Maximum combined credit from Associate-level colleges, ACE, CLEP, and LEAP is 75 semester hours.

Operative Catalogue

Franklin Pierce College views the College's catalogue as the primary contract between the College and the student. Students are subject to the graduation requirements in the catalogue which was in effect at the time of their matriculation, or students may, at their option, elect to fulfill the requirements in any subsequent catalogue, provided they were enrolled at the time the catalogue was published.

In either case, the catalogue is to be considered in its entirety; students may not fulfill part of their requirements from one catalogue and another part from another catalogue.

Time Limit

Students enrolled in degree programs may continue to work toward their degree program under the requirements which were in effect at the time they matriculated, providing there have been no breaks of more than 24 consecutive months. Students who have a break of more than 24 consecutive months must meet requirements of the catalogue in effect at the time they reenter the College.

The College reserves the right to make substitutions for courses which are no longer offered.

Registration

Students are eligible to attend classes and receive grades and academic credit only if they are properly registered. To be properly registered, one must be financially clear, must register for courses, and must confirm registration during the designated period. The confirmation of registration period normally ends at 4:00 p.m. the day before classes for a given semester begins. Any student who is not properly registered will be denied entrance to classes. Fulfillment of registration requirements is the individual student's responsibility and must be done in accordance with procedures and guidelines outlined by the Registrar.

Students who have not confirmed their registrations by the end of the designated period will be charged a \$100.00 late fee. The fee assessment begins on the first day of classes of a full semester and continues through the first full week of classes. For summer sessions, the late registration period is the first two days of classes.

Any confirmation of registration or addition of a class after the first week of classes will require payment of a \$250.00 fee. However, such actions will rarely be allowed and only under extenuating circumstances. The instructor(s) for any course(s) involved must approve of the late confirmation in writing as must the Vice President and Dean of Academic Affairs or his designee.

The \$100.00 and/or \$250.00 late fees must be paid before confirmation of registration will be allowed. Fees may be billed to a student's account.

Internships

Learning through a supervised work experience for credit is an available option for qualified upper-class students in several academic departments. Internships are available in January and the summer, as well as the fall or spring semester. Internships must be scheduled and recorded with the Registrar no later than the fourth week of the semester in which the work is commenced. Exceptions are: internships commencing in the summer may be registered in the fall, and internships commencing in January may be registered in the spring.

Independent Study

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair no later than the end of the first week of classes of the semester in which the Independent Study is to occur. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Directed Study

Under exceptional circumstances, a course listed in the college catalogue may be offered to a student on an individual basis. The details of the Directed Study must be agreed upon by the faculty sponsor and the student, and approved by the Division Chair, no later than the end of the first week of classes in the semester in which the Directed Study is to occur. In Directed Study, the student and professor meet on a regular basis, normally once a week.

Normal Course Load

A normal course load consists of 12–16 credits per semester. A total of 120 credits (courses 100 level and above) is required for graduation. The maximum number of credits which may be taken for basic tuition is 16 per semester. A student may register for 16 or fewer credits with the permission of the academic advisor. Students who wish to register for 17–19 credits must have a cumulative grade point average of 3.00 or above and obtain the permission of the academic advisor and the Registrar. Students wishing to register for 20 or more credits must have a cumulative grade point average of 3.50 or above and obtain the permission of the academic advisor and the Vice President and Dean of Academic Affairs.

Add-Drop Period

For fall and spring semesters, the first week of classes is the Add-Drop Period: for summer sessions, it is the first two days of classes. Courses may be added and/or dropped during this period without charge. Individual courses dropped during the Add-Drop Period do not appear on the student's transcript; there is no tuition charge for such courses. Tuition charges for a semester or for a summer session are established based on one's course load at the end of the Add-Drop Period.

A course dropped after the end of the Add-Drop Period becomes a withdrawal; see the section below for applicable policies.

In rare instances, and when there are extenuating circumstances, a course may be added to one's registration after the end of the Add-Drop Period. When this is necessary, the faculty member involved and the Vice President and Dean of Academic Affairs or his designee must approve it in writing. Also, a \$250.00 fee will be assessed; fee may be billed to the student's account.

Withdrawal From Courses

1. Withdrawing from one or more courses after the Add-Drop Period will result in a W on the transcript for each such course. This will be the case for the first four weeks of classes of a fall or spring semester and through the first week of classes of a summer session. No fee is assessed for such action. However, such courses are included in the tuition charge for the semester or summer session.

2. Students may not, of their own initiative, withdraw from a course or courses after the first four weeks of fall or spring semester or the first week of a summer session. Withdrawal after these periods may be initiated only by the instructor; in each such instance, the grade reported by the instructor will be WP (Withdraw Passing) or WF (Withdraw Failing). This action must be taken by the instructor before the final four weeks of classes in the semester in which the course was given, and cannot be reversed.
3. During the final four weeks of a semester or the final week of a summer session, a student must receive grades as assigned by his/her instructors for all courses in which he/she is currently enrolled. A grade of WP (Withdraw Passing) or WF (Withdraw Failing) will be given only under extreme circumstances and with the approval of the Vice President and Dean of Academic Affairs.

Withdrawal From the College

1. Any student wishing to withdraw from the College during a semester or summer session must complete a Withdrawal and Separation Clearance, which can be obtained from the Office of Student Affairs. An exit interview is also required. A student who merely stops attending classes without completing the necessary steps for an official withdrawal will receive grades as assigned by his/her instructor for all courses in which he/she is currently enrolled. (See Refund Policy, page 205)
2. Withdrawing from the College after the Add-Drop Period will result in a W on the transcript for each course for which the student is enrolled. This will be the case for the first four weeks of a fall or spring semester and through the first week of classes of a summer session. No fee is assessed for such action. However, such courses are included in the tuition charges for the semester or summer session. (See Refund Policy, page 205)
3. Any student who withdraws from the College during the final four weeks of a semester or the final week of a summer session will receive grades as assigned by his/her instructors for all courses in which he/she is currently enrolled. A grade of WP (Withdraw Passing) or WF (Withdraw Failing) will be given only under extenuating circumstances and with the approval of the Vice President and Dean of Academic Affairs. In rare instances, the faculty member may, after consultation with the Vice President and Dean of Academic Affairs, give a grade of "I" (Incomplete) pending completion of the required work. (See Refund Policy, page 205)

Repeating a Course

Students may repeat only those courses taken at Franklin Pierce in which they have received a grade of D or F. A student may take a course, with permission, at another college and will receive credit for that course, but the course grade will not alter the student's cumulative grade point average and the grade will remain on the Franklin Pierce transcript. Once a course has been repeated at Franklin Pierce College, the Registrar will recompute the grade point average using the latest grade; the course will be noted as having been repeated.

Auditing a Course

Students wishing to take a course for no credit may do so by indicating "Audit" in the appropriate area on registration materials. (Studio art courses and music lessons may not be audited.) No audit condition of course registration may be changed after the end of the established Add-Drop period. Audit courses are posted on the academic record with the grade notation of "AU" with no academic credit awarded. (For billing information, see section on Tuition and Fees)

Grading Policy

Once a grade has been submitted to the Registrar, that grade may be changed if, and only if, an error has been made in the calculation or transcription of the original grade. Under no circumstances will a change in grade for a student be allowed because of the submission of

additional work after the grade has been submitted. No grade change may be made after the conclusion of the semester following the semester in which the grade was originally submitted. Should a faculty member wish to change a grade for any other reason, the request with justification should be submitted to the Academic Standards Committee for approval.

Grading System

A student must achieve a cumulative grade point average (CGPA) of 2.00 or higher to be eligible for graduation.

Grade Symbols	Definition	Grade Point Value Per Credit
A	Excellent	4.00
A-	Intermediate Grade	3.67
B+	Intermediate Grade	3.33
B	Very Good	3.00
B-	Intermediate Grade	2.67
C+	Intermediate Grade	2.33
C	Satisfactory	2.00
C-	Marginal Grade	1.67
D+	Marginal Grade	1.33
D	Unsatisfactory, but passing	1.00
D-	Marginal Grade	0.67
F	Failure	0.00
I*	<i>Incomplete:</i> The student must complete the course before the end of the next semester in residence or the Incomplete will automatically become an F. See policy below.	
IP*	<i>In Progress:</i> Available for specific courses only.	
S*	<i>Satisfactory:</i> Normally used for midterm grades, non-traditional courses, comprehensive examinations and competency examinations.	
U*	<i>Unsatisfactory:</i> Normally used for midterm grades, non-traditional courses, and comprehensive examinations.	
AU*	Auditor in a course (no grade or credit given)	
WP/WF*	Instructor - initiated withdrawal. This action must be taken by the end of the semester in which the course was given, and cannot be reversed. The P (Pass) or F (Fail) suffix indicates the student's performance at the time of withdrawal.	
W*	Withdrawal from class during allotted period.	

* Denotes that the grade is not used when computing the cumulative grade point average (CGPA).

Incomplete Grades

A grade of Incomplete (I) is awarded only as a result of illness or other extenuating circumstances beyond the student's control and must be arranged with the instructor. An Incomplete is not figured into the student's average at the time it is given; however, the student will have only until the end of his or her next semester in residence to complete the course. If not completed by this time, the Incomplete will become an F and will then be calculated into the average.

A grade of In Progress (IP) may be awarded for a limited number of courses which, by their nature, take more than one semester to complete. These course listings are available at academic division offices. A student who receives this grade at the end of a semester may become eligible for Dean's List honors when and only when the course work has been completed and the final grade has been turned in to the Registrar.

Grade Report

A copy of the grade report is mailed to the student at his or her permanent address of record at the end of each term.

At midpoint in each term every instructor submits progress grades of satisfactory (S) or unsatisfactory (U) for all students. Midterm progress reports are forwarded to the student's permanent address of record and to his/her campus mailbox.

Academic Grievances and Appeals

The faculty has approved a procedure and policy by which students may formally pursue what they consider to be academic grievances against individual faculty members. The procedure initially requires presentation of the grievance to the faculty member in writing and then moves through several steps involving the Chair of the Division offering the course, the Academic Standards Committee, and the Vice President and Dean of Academic Affairs.

Grievance and Appeal Procedure Related to Section 504 and ADA

It is the policy of Franklin Pierce College to comply with Section 504 Regulations of The Rehabilitation Act of 1973, The Americans with Disabilities Act of 1990, and other applicable state regulations. Accordingly, any member of the College community who believes that there has been a violation of the regulations is encouraged to discuss the matter with the Section 504/ADA Compliance Officer, or other persons identified by the Compliance Officer, in order to resolve the matter in a prompt and equitable manner. If such discussions do not resolve the matter, the individual may then initiate a grievance by taking the steps outlined below:

1) It is the intention of this policy to address and remedy complaints at the lowest administrative level possible. However, as this policy outlines, grievances can be pursued up to a Presidential committee. As such, community members who feel as though they have been discriminated against on the basis of disability should consider that their grievance is being made to the President of the College.

2) In the case of a grievance, the individual should discuss his/her objection with the person responsible for the office or department where the objection was originally raised. The 504/ADA Compliance Officer can be of assistance in referring the individual to the appropriate person and office. The address and telephone number for the Section 504/ADA Compliance Officer is listed below, under #4.

3) If not satisfied, the individual should discuss the objection with the senior staff member under whose jurisdiction the department falls. The Section 504/ADA Compliance Officer can help the individual in identifying who the senior staff member is.

4) If the grievance is not satisfactorily resolved, the individual should write a letter appealing the grievance, requesting a formal hearing with the *President's Advisory Committee on the Needs of Persons with Disabilities*. The request must be filed with the Section 504/ADA Compliance Officer in the Student Affairs Office, New Hampshire Hall (telephone: 603-899-4160).

5) Upon receipt of the written request for a formal hearing, the Ad Hoc committee of the President's Advisory Committee will hold a hearing within three (3) calendar weeks. The chair of the Committee will hear the grievance with two other members of the full Committee. The two other members shall be selected by the chair. The senior staff member, under whose jurisdiction the matter falls, will be invited to the hearing. The Ad Hoc Committee must allow a full and fair opportunity for the presentation of evidence relevant to the reason(s) for the hearing request, by any party, as deemed appropriate by the Ad Hoc Committee. The Ad Hoc Committee must render a decision in writing to the grieving individual, as well as College personnel affected by the decision, within one week of the conclusion of the hearing.

Academic Standards

Dean's Honor List: To qualify for the Dean's Honor List at the end of the fall or spring semester, a student must have completed a minimum of 14 graded credits of 100 level (or above) courses; received no Ds, Fs, Is, or Us; and achieved a semester grade point average of at least 3.65. Students earn one free credit for each semester in which they qualify for the Dean's Honor List. Up to three free credits may be accumulated in this fashion. (See IP grade, page 182)

Dean's List: To qualify for the Dean's List at the end of the fall or spring semester, a student must have completed a minimum of 14 graded credits of 100 level (or above) courses; received no Ds, Fs, Is, or Us; and achieved a semester grade point average of at least 3.30.

Minimum Standards Policy

Although Franklin Pierce College expects every student to strive for academic excellence, at a minimum all students will achieve a cumulative GPA (CGPA) of 2.00 by the completion of 55 semester hours (the number of credits required to achieve Junior standing). Along with minimum CGPA requirements, all students will successfully complete *both* College Writing I and II *before* achieving Junior standing.

Following the awarding of Junior standing, all students will maintain a *minimum* CGPA of 2.00 through their Senior year. Students whose CGPA drops below 2.00 will be placed on Deferred Suspension during the following semester. If the student's CGPA does not return to 2.00 following a semester on Deferred Suspension, that student will receive an Academic Suspension from the College. A grace period of one additional semester on Deferred Suspension *may* be awarded.

Academic Probation: A student whose semester grade point average (SGPA) or cumulative grade point average (CGPA) is below 2.0 is placed on academic probation as a reminder that the record needs to be improved.

Academic Suspension: A temporary separation from the College is required when a student's academic record does not give evidence of satisfactory progress toward meeting degree requirements. Students may apply for readmission after a suspension by complying with readmission criteria. Detailed policy statements are available at the Academic Services Center.

Deferred Suspension: Under certain circumstances, a student who would otherwise be suspended may be allowed to enroll for a subsequent semester on the condition that he or she develop a satisfactory Course Load Agreement with an academic advisor.

Disciplinary Suspension or Dismissal: Students who are suspended or dismissed for disciplinary reasons will receive grades of "WP" or "WF" effective on the date of suspension or dismissal. Dismissal is a permanent action.

Academic Dismissal: Permanent separation from the college. The student may not apply for readmission.

In any case addressed above, the ultimate discretion lies with the Vice President and Dean of Academic Affairs in consultation with the Academic Standards Committee.

Graduation Honors

Students will be awarded honors at graduation if they have completed a minimum of 60 semester hours in residence and meet the following minimum requirements:

Cum Laude: Cumulative grade point average of 3.25–3.49 at the time of graduation.

Magna Cum Laude: Cumulative grade point average of 3.50–3.79 at the time of graduation.

Summa Cum Laude: Cumulative grade point average of 3.80 or higher at the time of graduation.

Valedictorian and Salutatorian: These designations are based solely on the highest and second highest grade point averages attained among those Rindge campus students who are graduating at a given commencement ceremony and who meet the residency requirement for graduation honors (i.e., sixty semester hours of credit earned at Franklin Pierce). There will be two valedictorians, one representing graduates of the Rindge campus and one representing Professional Studies Division graduates.

Class Standing

Class standing is determined as follows:

Freshman	0-25	semester hours earned
Sophomore	26-55	semester hours earned
Junior	56-87	semester hours earned
Senior	88+	semester hours earned

Plagiarism or Other Forms of Cheating

Plagiarism is the act of stealing or passing as one's own the ideas or words of another. Specifically this includes: copying the words of another student from examinations, themes,

term papers or theses, copying the printed words or ideas of a writer without giving credit to the author, "... failing to site quotations and borrowed ideas, failing to enclose borrowed language in quotation marks, and failure to put summaries and paraphrases in your own words ..." (Hacker, 1999, p.261), using, borrowing, stealing, presenting or downloading another student's ideas/writing and submitting such material as your own work, or resubmitting work in whole or in part that has previously been submitted in another course, without permission of the current instructor.

Since plagiarism strikes at the very heart of the academic enterprise, it is taken very seriously at Franklin Pierce. The academic penalty for plagiarism is determined by the faculty member involved and may be as severe as failure for the course. All incidents of plagiarism are reported to the Vice President and Dean of Academic Affairs who may take any further disciplinary action deemed necessary or appropriate.

Transcripts

An official transcript is one bearing the seal of the College and the signature of the Registrar. Official transcripts are normally mailed directly to institutions or persons considering the applicant for admission or employment. Each request for transcript must be accompanied by a signed request from the student and a \$5.00 fee. Expedited service is available to those who require it; a faxed request and advance payment of \$25.00 (includes express mail) is required. Visa, Mastercard and Discover credits cards are accepted.

NOTE: Transcripts will not be released to students who are not financially cleared by the Bursar and the Financial Aid Office.

Completion Rate

Federal regulations require the reporting of cohort completion rates for all students as well as students receiving athletically related financial aid. The completion rate for full-time, first-time bachelor's degree-seeking undergraduate students entering in the fall of 1993 was 43 percent as of August 31, 1999. The completion rate for full-time, first-time degree seeking undergraduates receiving athletically-related student aid entering in the fall of 1993 was 85 percent as of August 31, 1999. Note that the completion rates cited above do not include students who transferred out of Franklin Pierce, since these data were not available.

Student Records

The College maintains records on individual students; students who wish to inspect and review their educational records may do so by contacting the respective office which maintains those records:

Academic Records	Office of the Registrar and Academic Services Center
Financial and Billing Records	Office of the Bursar
Financial Aid Records	Office of the Director of Financial Aid
Student Health Records	Health Center
Student Records	Office of the Dean of Student Affairs
Judicial Records	Office of the Dean of Student Affairs

Students may receive copies of information contained in their educational records by making a request to the office which maintains those records as long as the release of such information does not violate the Family Rights and Privacy Act of 1974.

According to the Family Rights and Privacy Act of 1974 (more commonly referred to as the "Buckley Amendment"), these records shall not be released to another individual, agency, or organization (except College personnel with a legitimate educational interest as determined by the College) without first obtaining the student's written authorization to do so. The only information which the College can release without the student's written authorization is "directory information." Directory information includes the following: the student's name, campus and home address, major field of study, dates of attendance, degrees and awards received, participation in officially recognized activities and sports, and the weight and height of members of athletic teams. Directory information may be released upon request unless the

Registrar receives a written request from the student directing otherwise.

According to the Buckley Amendment, information contained in the educational records of students who are eighteen or enrolled in post-secondary institutions may be sent to the parents without the written consent of the student only if the student is a financial dependent of the parents. (The term "dependent" is defined in section 152 of the Internal Revenue Code as an individual [son, daughter, stepson, or stepdaughter of a taxpayer] who received over half of his/her support from the taxpayer during the given calendar year).

Student Life and Services

Student Development Programs

The student development programs assist students to develop life management skills, and encourage students to become involved and active participants in all dimensions of college life. Students have special opportunities to participate in the operation and planning of most of these co-curriculum programs .

Orientation

Orientation is a community endeavor which promotes and supports a new student's transition to campus life. The social and academic acclimation of new students into the College is the goal of this multi-faceted program. Students are encouraged to be active participants in the academic, social, and residential experience of the College as well as in surrounding communities.

Counseling Center

Change and stress are both a part of college life. The Counseling Center, located in Granite Hall, offers confidential services to help students overcome problems, past and present, and gain self-understanding and direction. These services include individual and group short-term counseling, educational programs, consultation, referral, and programs for substance abuse. Off-campus arrangements with local health providers can also be arranged.

Health Services

The Health Service is located in the lower level of Granite Hall. Most medical problems can be treated or followed by the Health Service staff which is comprised of a physician, a nurse practitioner, RN, and support staff. Emergency Medical Technicians (EMTs) are available during hours the Health Center is not open.

In addition to the consulting physician and nursing staff, there are physicians and hospitals available in several nearby communities with most medical specialties being represented.

The Health Service Professionals consider health teaching and preventive medicine to be equally as important to the student as the care of health problems. Students are encouraged to consult the Health Service staff for counseling and advice on any topic related to general health.

Health and Counseling Fee

Full time students on the Rindge campus are required to enroll in the colleges Health Plan. There is a mandatory fee which covers health and counseling services as well as a supplemental insurance program (see Financial Information).

Health Record Requirement

The State of New Hampshire Department of Health and Human Services licenses the Health Service. A completed medical file for each student is required to be maintained in the Health Service. These files consist of a Health Assessment Form, a physical exam within a year of admission, proof of immunizations (two MMRs, Mantoux within one year, or if international students—within four weeks of arrival in the U.S., are required, tetanus within five years) and a signed consent form for medical treatment. Any student not meeting these requirements will be prevented from registering and attending classes until the information is provided.

Athletic Program

The College considers participation in athletics to be an important aspect of the development of a student's character and personality and thus sponsors a full athletic program which includes intercollegiate, intramural, and individual sports.

Franklin Pierce College is a member of the National Collegiate Athletic Association (NCAA), Division II; Northeast Ten Conference (NE-10); and Eastern Collegiate Athletic Conference (ECAC).

The College fields varsity men's teams in competition with other New England schools in intercollegiate soccer, basketball, baseball, tennis and golf. The women's intercollegiate athletic program consists of soccer, basketball, softball, tennis and volleyball.

The College also fields varsity men's and women's crew, women's field hockey, men's and women's lacrosse, men's and women's cross country, and women's golf. The ice hockey team competes in the American Collegiate Hockey Association, Division II.

A freshman is eligible for NCAA competition if he or she has met all of the following requirements:

- Graduated from high school;
- Successfully completed a required core curriculum of at least 13 academic courses, including at least three years of English, two years of mathematics, two years of social science, two years of natural or physical science (including at least one laboratory course if offered by the high school) and four additional semesters of academic courses;
- Achieved a minimum 2.00 grade point average (on a 4.00 scale) in the core curriculum; and
- Earned a minimum 820 combined score on the SAT (Scholastic Aptitude Test) verbal and math sections, or a 68 sum score on the ACT (American College Testing Assessment Program).

The intramural program serves students in a recreational atmosphere that promotes social interaction; mental, physical, emotional health and fitness; team spirit; and leisure skill development. Highlights of the intramural program are flag football, floor hockey, basketball, volleyball, softball, and tennis. Individual and recreational sports include golf, skiing, skating, boating and fishing.

Grimshaw-Gudewicz Activity Center at North Fields

This state-of-the-art airframe structure vastly expands the scope of services offered by the College to students, faculty, staff and the greater Monadnock region. The Activity Center was completed in December of 1995 and its Grand Opening Celebration was held on April 23, 1996. Activities take place inside the airframe on a variety of surfaces, including a 1/5 mile track, tennis courts, basketball courts, astro-turf fields, multi-purpose area, and the cardio/strength area. Recreational programming in this 72,000 square foot facility consist of Intramural Sports including: basketball, flag football, soccer, tennis, volleyball, and floor hockey. Other recreational activities include in-line skating, jogging, aerobics, frisbee, strength/cardiovascular training, badminton, and other pick-up sports. Special events such as the "Up All Night - Mardi Gras Celebration," Admissions Open House and Freshman Orientation are also held inside the airframe.

The Recreation Department at Franklin Pierce also sponsors the "Outdoor Recreation and Campus Adventure" program. Trips are planned to off-site recreational facilities each semester. Past destinations have included Maine, Vermont, and Massachusetts. Popular trips include skiing at Mt. Snow and Okemo, cross-country skiing, rock climbing, dog sledding, snowshoeing, horseback riding, whitewater rafting, sea kayaking, and camping.

Student employment is also available at the Activity Center, with positions ranging from customer service representatives and intramural referees, weight room spotters, and daily operations supervisors.

Students should check in at the facility often in order not to miss out on the many events that are planned each semester by the Department of Recreation.

Residence Services

Franklin Pierce is a residential college. As such, living in college housing facilities is viewed as an integral component of the total developmental and educational experience provided to students. Campus living directly contributes to the sense of community which enriches the Franklin Pierce experience. Students enjoy and benefit from varied living environments which provide opportunities for personal choice and the development of life management skills.

All students are expected to live in college residence facilities unless they live with their parents, guardian, or spouse within commuting distance. A limited number of students may be allowed to live off campus by demonstrating extenuating circumstances in an off-campus petition requiring the approval of the Director of Residential Life. All students living in traditional residence halls are required to participate on a board plan, and freshman in the traditional halls are placed on a 19 meal plan for the academic year. Requests for changes in the meal plan must be filed in the Office of Residential Life by the end of the add-drop period of registration.

A variety of living options are available. Residence halls are co-ed, but each floor or section is single-sex living. The most common arrangements are doubles, but there are a limited number of triples in the traditional first year halls. Depending on availability, room selection may include opportunities for non-smoking, extended study/quiet areas, honors housing, computer network accessible housing, substance free housing, and single rooms. Residence halls are specially structured to provide support for first year students. Upperclass students have the opportunity to choose special living options which include a 24-hour quiet residence hall, and a variety of apartment-condo style facilities.

All rooms are furnished with a bed, mattress, desk, chair, clothes closet and dresser for each student. Students are expected to provide their own linens, blankets, pillows, lamps, curtains, and other furnishings. Detailed information about the facilities, what to bring and what not to bring, and contractual conditions of campus residence is available from the Office of Residential Life. A \$100 room deposit is required of all students within 15 days of receipt of their housing contract. See Financial Information, page 205 for details.

The Residential Life staff, made up of both professional Resident Directors and student Resident Assistants, is available to assist students in a variety of ways. The staff directs its efforts towards maintaining comfortable residence facilities and developing a community environment that reflects responsible citizenship and concern for others. The residential life program provides an atmosphere conducive to learning and presents opportunities for each resident to develop socially as well as academically by active participation in hall programs. Residence hall community councils are encouraged to assist the staff in managing the affairs of the residence halls.

Telecommunications

The College provides personal telephone service (a digital telephone for each room) to all campus residences, including private voice mail for each student. AT&T ACUS is the College's billing and collection service, and bills are mailed monthly to each student's campus mailbox. Bills can be paid by mail to ACUS or on-campus at the Bursar's office. Each student has a long-distance account and will be assigned a personal security code (PSC) for making long distance calls. Failure to make full payment by the due date results in deactivation of the PSC and a late payment fee.

Cable Television System

The College Cable Television system provides service to all campus residences without charge. Students may bring a TV from home and receive all available programming, which includes a campus-wide messaging network (FPAN—Franklin Pierce Activity Network).

Campus Post Office

The Campus Post Office, located in the Campus Center, is a sub station of the U.S. Postal Service, and is governed by the U.S. Postal Service regulations applicable to such rural stations. Mail should be addressed as follows:

Name _____
FPC Box No. _____
PO Box 60
Rindge, NH 03461-0060

Campus Programs

Recreational, social, educational, and cultural activities provide opportunities for students to use their leisure time productively. Students are actively involved in the planning and implementation of student activities and intramural programs, and they share responsibility for the operation of indoor and outdoor programming on campus. Facilities include the campus waterfront, with beach and boating facilities, fifteen kilometers of cross-country, and mountain biking trails, the low elements Adventure Course, a hill for sledding and outing hut, the Grimshaw-Gudewicz Activity Center at North Fields (see page 187), the Flint Campus Center, WFPR radio station, WBBG television studio, and campus fire department.

Leadership Development

The development of student leaders is a comprehensive process at Franklin Pierce College. Students gain and enhance leadership skills through active participation in leadership programs. Student leaders are challenged and supported by professional staff members who provide workshops and training sessions which assist students in their leadership roles. Valuable experiences such as the College's Adventure Course, Leadership Training Weekend and various seminars are highlights of the leadership development program.

Student Government

The Student Senate makes recommendations to the administration in policy matters concerning student activities, welfare, and services. It allocates student activity funds to the various student clubs and organizations on the campus. Officers are elected each spring, and student senators from each residence hall and each class are elected in the fall.

Judicial Board

The Judicial Board is a group of seven students selected and appointed by the Student Senate. The Board hears cases involving violations of the *Student Code of Conduct* and recommends appropriate action to the administration.

Cultural Activities

Crimson-Grey Cultural Series events are open to the College community as well as the general public. Past presentations have included professional performances in drama, music, and dance from distinguished groups such as Momix, Apple Hill Chamber Players, Trent Arterberry, The Second City Touring Company, and the Boston Ballet. The College's drama and music departments present a varied program of student productions and concerts throughout the year, including fall and spring drama productions and the spring musical. Art exhibits are presented in the Thoreau Gallery of the Flint Campus Center with works by students, faculty, and guest artists in a variety of media. Educational programs include student/faculty discussions, the Humanities Lecture Series, residential educational programming, and the Valakis Lecture Series.

Student Activities

The student activities program is planned and coordinated by the Campus Activities Board in association with the Director of Student and Cultural Activities. Participation is encouraged in planning campus events which include the Fall Weekend, Family Weekend, and Spring Weekend. There are concerts, movies, dances, comedy shows, trips, and a variety of other entertainment events each week. Students also assist in the operation of the Campus Center, Ski Hut, Radio Station, and TV Station.

Clubs

Students are actively involved in more than 30 active clubs and student organizations which

receive funding from the Student Senate. They range from academic clubs to athletic clubs to activities programming clubs to special interest organizations. They include Amnesty International, Anthropology Club, Biology Club, Business Club, Cheerleaders, Elementary Education Club, Emergency Medical Services Club, English Club, Environmental Awareness Club, Fire Department, Global Issues Club, Ice Hockey Club, Jewish Student Fellowship, Law Club, Martial Arts Club, Performing Arts Club, Outing Club, Pierce Arrow (student newspaper), S.A.A.D., Sailing Club, Science Fiction Club, Secondary Education Club, WBBG TV Club, WFPR Radio Station, and many others. Students interested in forming a new club can do so by contacting the Student Senate Office.

Forensics and Debating

Franklin Pierce College considers effective communication to be an important goal of the student experience, and thus sponsors a Forensics and Debate experience which promotes communication, character and leadership abilities. Franklin Pierce College is a member of the American Forensic Association, the National Forensic Association, the Collegiate Forensic Association and the International Forensic Association. Students competing from Franklin Pierce College in forensics/debating competitions have achieved national and international honors. Students interested in debating or forensics should contact Bronwyn Asplund, Coordinator of Forensics, at x. 4086 for more information.

Graphic Communications Center

The Graphic Communications Center is located on the ground floor of Crestview. It includes classrooms, photo darkrooms, typesetting/computer graphic room, and the printshop.

Publications

At Franklin Pierce College, students publish a student newspaper, *The Pierce Arrow*; a yearbook, *The Raven*; and a literary magazine, *Northern New England Review*. These publications provide an ideal opportunity for students to gain a working knowledge of both practical and creative writing, layout and graphic production, as well as management experience.

The Manor

One of the original and oldest buildings on campus, The Manor provides a quiet environment for student study (Alumni lounge) and a Faculty Lounge. The Manor provides offices for the student newspaper (*The Pierce Arrow*), the yearbook (*The Raven*), the College President, the Vice President and Dean of Academic Affairs, the Assistant to the President for Administration, the Vice President for College Relations, and the Office of Public Relations.

The Flint Campus Center

The Flint Campus Center is the focal point of co-curricular life for all members of the College community and guests. Completed in 1986, this beautiful facility hosts a variety of community life programs, services, and activities. The 29,000 square foot facility houses the Director of Student and Cultural Activities, three dining areas, a pub, snack bar/lounge, function areas, bookstore, post office, art gallery, TV lounge, game room, meeting rooms, student activities offices, Student Senate offices, information center, and an automatic teller banking service.

The Campus Center is an active facility which is available to the College community seven days a week. Student staff assist in the responsibilities of managing the center and provide program support.

Department of Campus Safety and Transportation

The Department of Campus Safety and Transportation is responsible for the protection of both persons and property. Officers patrol the buildings and grounds around the clock and are always available to assist students, faculty, staff, and visitors. The department is also responsible for providing crime awareness education programs, issuing ID cards, and administering and enforcing parking regulations.

The department publishes and distributes crime statistics and security policies annually in

compliance with the Campus Crime and Security Awareness Act of 1990. Copies of this publication are available at Campus Safety in the St. Peter's Building, in Admissions, in Human Resources and on the college website www.fpc.edu/studentlife/safety.html.

Automobiles

All vehicles on the Franklin Pierce campus must be registered annually with the Department of Campus Safety. A registration fee will be charged to the student account when a decal is issued. Vehicle owners and operators must comply with all policies regarding registration, parking, and operation of vehicles as published in the Campus Parking and Motor Vehicle Policies booklet available at Campus Safety.

Shuttle Service: Shuttle service is available on campus, and to limited locations off campus, Monday through Friday from 7:30 a.m. to 8:00 p.m., Saturday noon to 8:00 p.m., and Sunday noon to 6 p.m. Information regarding shuttle service to local shopping is available at Campus Safety. To contact the shuttle, call x4211. Shuttle service is available only during the academic year and is not available during the summer or school breaks.

Transportation Service: During the academic year, transportation service is available to local bus and train stations in Keene, Winchendon, Brattleboro, Fitchburg, and Fitzwilliam. Trips require two business days notice and a fee is charged for this service. For information and reservations, call x4388. This service is available during the academic year only and is not available during the summer. Transportation to airports is available through Thomas Transportation at 1-800-526-8143.

Safe Rides: Safe Rides are available Friday and Saturday nights from 10:00 p.m. to 2:00 a.m. at x6209. The Safe Rides program is run through the Student Senate utilizing student volunteers.

Transportation Department Fees

All requests for transportation must be made at least two business days in advance by calling x4388. Requests will be approved based on availability of vehicles and drivers. Students cancelling with less than 24 hours notice will be billed the driver's fee. Cancellations must be confirmed with someone from Transportation; notification via voice mail *will not* be considered adequate notice.

Rates for transportation to Keene, Fitzwilliam, Winchendon, Brattleboro, and Fitchburg bus and/or train stations are \$.35 per mile plus a driver's fee. Rates for transportation to Cheshire and Monadnock Hospitals and doctor appointments will be billed at \$10.00. If the driver waits more than one hour, a fee of \$5.15 per hour will be added. We reserve the right to cancel any trip for inclement weather.

Fire Department

Students at Franklin Pierce College comprise the ranks of the College's in-house Fire Department. The Department makes use of its own fire truck and provides emergency service response including the use of a corps of student EMTs. Men and women student volunteers work closely with the Department of Campus Safety and the Rindge Fire Department in providing protection to persons and property.

Food Service

All students living in on-campus residences, with the exception of the Special Living Options, are required to eat in the Campus Center Dining Commons. Variable board plan options of 19-15-10 meals per week are available for upperclassmen. All new students will be assigned to the 19 meal plan for their first year. Students living off-campus may purchase meals at the Dining Commons or the Snack Bar on a cash basis.

The Student Handbook and The College Catalogue

The formal policies and regulations related to student and academic affairs are published in The Student Handbook and the College Catalogue. Presented to each member of the College community, these publications serve as the guide to campus services and details all

facets of campus life. The Student Handbook is available on the college's website, under the Student Life section.

Student Rights and Responsibilities and the Student Code of Conduct

Franklin Pierce College recognizes that students enrolled in the College assume an obligation to conduct themselves in a manner compatible with an educational institution. Students are expected to live their lives as both responsible individuals as well as contributing members of an academic community. The responsibilities of students as citizens of both the campus community and society at-large are stated in the Student Code of Conduct. Students are expected to be fully familiar with the Student Code of Conduct and will be held accountable for their actions as members of the college community.

The College's Judicial System, clearly detailed in the Student Code of Conduct, is established to provide the administrative means for maintenance of order and protection of persons and property. Administrative authority for the campus judicial system resides with the Vice President for Student Affairs. Responsibility for the various levels of the judicial system is delegated by the Vice President for Student Affairs to specified members of the community in such a way as to ensure a fair and equitable judicial process. The code of conduct is available and can be viewed on the college's website, under the Student Life section.

Notice of Nondiscrimination

Franklin Pierce College does not discriminate on the basis of race, color, national origin, age, sex, or disability in admission to, access to, treatment in, or employment of its programs and activities.

The following person has been designated as ADA/Section 504 Compliance Officer to handle inquiries regarding the nondiscrimination policies:

Dr. Jim Earle
Vice President for Student Affairs
Office of Student Affairs
(603) 899-4160

In addition, inquiries regarding the application of nondiscrimination policies may be referred to the Regional Director, Office for Civil Rights, U.S. Department of Education, J.W. McCormack, P.O.C.H., Room 222, Boston, MA 02109-4557.

Scholarships and Awards

Scholarships

Please note that scholarships are awarded at the College's discretion; not all scholarships are awarded every year. For information on award amounts and criteria, contact the Office of Academic Affairs.

THE ALUMNI ASSOCIATION SCHOLARSHIPS. **THE WHEELER G. MERRIAM SCHOLARSHIP** (established in honor of former Dean of Students, Wheeler G. Merriam) and the **CLASS OF 1968 SCHOLARSHIP** are awarded yearly to students entering their senior year who have achieved high academic standards and exhibited outstanding leadership in student life. **THE SILVER ANNIVERSARY SCHOLARSHIP**, established by the Class of 1987, is awarded to an outstanding student who has been at the College for at least two semesters, has a 2.5 or better cumulative grade point average, is a student leader who has contributed to student life, and shows financial need. **THE CLASS OF 1966 SCHOLARSHIP** was established in recognition of the first graduating class of Franklin Pierce College in honor of their 25th anniversary. The recipient must be a sophomore, junior, or senior who has demonstrated good citizenship, leadership qualities, and financial need, and is in good academic standing. **THE CLASS OF 1969 SCHOLARSHIP** was established in 1994 in honor of their 25th anniversary. The recipient must be a sophomore, junior or senior who has demonstrated good citizenship, leadership qualities, and financial need, and is in good academic standing. **THE CLASS OF 1990 SCHOLARSHIP** was established in 1990 as the class gift to the College. The recipient must be a sophomore, junior, or senior, who has demonstrated good citizenship, leadership qualities, and financial need, and is in good academic standing. The scholarships were endowed by contributions from alumni and friends of the College.

THE DORIS G. ALEXANDER MEMORIAL SCHOLARSHIP was established in 1992 in memory of Doris G. Alexander by her family. The scholarship will be awarded yearly to a sophomore, junior or senior enrolled in the Honors Program. The recipient will demonstrate a financial need equal to or greater than the value of the award, and will be given first priority in each succeeding year as long as he/she meets all criteria. Selection will be determined by the Vice President and Academic Dean in consultation with the Director of the Honors Program.

THE ROBERT ALVIN PERFORMING ARTS SCHOLARSHIP IN DANCE, MUSIC, AND THEATRE was established in 1998 to honor the achievements of the late Franklin Pierce College professor Robert Alvin. Applications will be accepted from any student who has been admitted to Franklin Pierce College and who has an interest in participating in the Performing Arts. Potential scholarship recipients must complete an application and submit two letters of recommendation.

THE ASTMANN FAMILY SCHOLARSHIP was established in 1995 by Lloyd and Helen Astmann, both graduates of the Class of 1969. The scholarship is awarded annually to a sophomore, junior, or senior who maintains a minimum grade point average of 2.0, demonstrates financial need, and who has performed a service to either the home or Franklin Pierce community. Preference will be given to a student from Bergen County, New Jersey.

THE FRED BERGER SCHOLARSHIP FUND was established in 1990 by Fred Berger '76. Awarded annually to one or more individual(s) who serve as team managers to one of the College's intercollegiate teams. The recipient(s) will have demonstrated a financial need and will be in good academic standing.

THE MELISSA D. BISACCIA SCHOLARSHIP was established in 1998 in memory of Melissa D. Bisaccia '01 by her parents, Pamela and Nicholas, and her brother, Nicholas. It is awarded to a new student who has confronted and overcome challenges in his or her life and has a commitment to community and family and a demonstrated record of achievement in athletics or co-curricular activities in high school.

THE CLIFFORD H. COLES SCHOLARSHIP was established in honor of former Academic Dean Clifford H. Coles. This scholarship is given to a junior entering the senior year who has been at Franklin Pierce College no less than five semesters, has a 3.0 average or better, has shown good character and citizenship, and has financial need.

THE CATHERINE CROCHIERE ATHLETIC SCHOLARSHIP was established in 1972 in memory of Catherine Crochiere '68, an alumna and teacher at Franklin Pierce College, by her parents, family, and friends. The award is given every year to a woman athlete who demonstrates outstanding achievement in basketball and maintains a 2.5 grade point average.

THE MARLIN FITZWATER SCHOLARSHIP FOR MASS COMMUNICATION was established in 1998 in honor of Marlin Fitzwater. Applications will be accepted from any student who has been admitted to Franklin Pierce College and who has a commitment to a career in Mass Communication. Two scholarships will be awarded annually.

THE EMILY FLINT SCHOLARSHIP was established in 1995 in memory of Emily Flint, the first female Chairman of the Board of Trustees of Franklin Pierce College. The student selected will: be a woman majoring in the humanities; be entering her sophomore, junior, or senior year, sustain a cumulative grade point average of 3.0 or better, demonstrate financial need equal to or greater than the value of the award; participate in activities which exemplify service to school and community; and foster quality peer and faculty relationships. Selection will be determined by the Humanities Division faculty.

FRUEAUFF SCHOLARS. The Charles A. Frueauff Foundation has provided financial assistance for the purpose of retaining students in good standing who have exceptional financial need. Five recipients will be chosen at the discretion of the Director of Financial Aid.

THE PAUL GALKIN MEMORIAL SCHOLARSHIP was established in 1990 in memory of Paul Galkin '71 by his family. The award will be given to a Fine Arts major who has demonstrated financial need and good academic standing.

THE BETSY GEORGE MEMORIAL SCHOLARSHIP was established in 1990 in memory of Betsy George '90 by her family, friends, and classmates. The award will be granted to a student majoring in environmental science, entering the sophomore, junior or senior year and maintaining at least a 3.0 grade point average. The student selected will demonstrate a financial need equal to or greater than the value of the award. Selection will be determined by the Chair of the Division of Natural Sciences.

THE RANDOLPH H. HENDLER SCHOLARSHIP was established in 1973 by Harworth Hendler to honor his son Randolph, a 1970 graduate. Awarded annually to two students in the sophomore or junior class majoring in Business or Economics who display scholastic excellence in either or both fields.

THE ERIC JEFFERSON SCHOLARSHIP was established in 1998 in memory of Eric Jefferson, a graduate of the Class of 1993. The scholarship is awarded annually to a returning junior or senior who has demonstrated strong leadership with the Student Senate. Individuals involved in various clubs and organizations are strongly recommended to apply. Potential scholarship recipients must complete an application and interview process in order to be considered.

THE MARY G. MAYBURY MEMORIAL SCHOLARSHIP was established in 1992 in memory of Mary G. Maybury by her husband, Dr. James F. Maybury, family, friends, faculty and staff. The scholarship will be awarded annually to a female sophomore, junior or senior majoring in humanities and maintaining a CGPA of 3.0 or better and a GPA of 3.2 or better in her major. The recipient will demonstrate a financial need equal to or greater than the value of the award and will be given first priority in each succeeding year as long as she meets all criteria. Selection will be determined by a vote of the full-time faculty of the Humanities Division, with a simple plurality sufficient for election.

THE DENNISE MESSIER SCHOLARSHIP was established in 1998 in memory of Dennise Messier, a graduate of the Class of 1997. This scholarship is awarded annually to a junior or senior who has shown talent and leadership in the area of dance and exhibits a strong commitment to community service. It is based on merit, but financial need will be of consideration.

THE PATTERSON SCHOLARSHIP was established in 1997 by Robert Patterson, an alumnus of the College. Presented in recognition of excellence in the Division of Business Administration, it is awarded to a business major with a minimum grade point average of 2.5 who demonstrates financial need. Selection is determined by the Business Division.

THE PETERSON FELLOWS SCHOLARSHIP was established in 1993 by Sandra and Paul Montrone with funds from the Penates Foundation. This endowed scholarship fund honors the leadership ability of President Emeritus Walter Peterson. A Peterson Fellow will be named yearly. Peterson Fellows will demonstrate their commitment to the Pierce Family through contributions to student life and will reciprocate the values of community and leadership. Students who complete their freshman year with a GPA of 2.8 or better and have proven financial need are eligible.

THE PETERSON SCHOLARSHIP was established in 1988 by President Emeritus and Mrs. Walter Peterson. The Peterson Scholarship will be awarded yearly to students who have demonstrated good citizenship and impressive leadership qualities. Special consideration will be given to minority students and individuals who have proven financial need.

THE FREDERIC M. ROBBINS MEMORIAL SCHOLARSHIP was established in 1987 in loving memory of Frederic M. Robbins, a respected senior faculty member in the Biology Department by family, friends, faculty, staff, students, and alumni. The recipients will be chosen yearly by the Natural Sciences Division.

SASSOON SCHOLARS. The Vidal Sassoon Foundation has provided financial assistance to motivated students in good standing who have exceptional financial need. Three recipients will be chosen at the discretion of the Director of Financial Aid.

THE IAN SINCLAIR MEMORIAL SCHOLARSHIP was established in 1991 in loving memory of Ian Sinclair, a respected senior faculty member in the Chemistry Department, by family, friends, faculty, staff and alumni. The recipients will be chosen yearly by the Natural Science Division.

THE DON AND JUDY SCHRIEFER SCHOLARSHIP was established in 1999 to recognize Mr. and Mrs. Schriever's combined forty years of service to FPC. One scholarship each will be awarded to a male and female athlete who has earned a minimum 3.0 GPA, who shows exceptional leadership and sportsmanship, is respected by coaches and peers, and receives no other athletic scholarship funds. Recipients will be entering the sophomore year and may be considered for the next two consecutive years if they meet the criteria. Preference will be given to students involved with athletic teams that are not financially supported by scholarship aid.

THE APOLLON P.D. VALAKIS SCHOLARSHIP was established in 1988 by the late Apollon P.D. Valakis, former professor of philosophy at Franklin Pierce College. Recipients must have completed a minimum of one full academic year at the College and must be majoring in: English, history, philosophy, the physical sciences, or the biological sciences. Need and scholastic achievement shall be evaluated carefully.

THE MIRANDA SMITH WEEKS SCHOLARSHIP was established in 1999 in loving memory of Miranda Smith Weeks, daughter of former Dean of Academic Affairs Richard Weeks and former Assistant Director of Cultural and Student Activities Jacky Weeks. Recipients will be chosen by a committee appointed by the Office of Academic Affairs.

HIGH SCHOOL SCHOLARSHIPS. Financial assistance is available to high school students who are attending classes at Franklin Pierce College either during the summer or academic year. The amount of the award is based on need and desirability of the candidate.

PRESIDENT'S SCHOLARSHIP. This is a merit award made from College resources in recognition of a student's special skills and abilities. Renewal of the President's Scholarship requires that the recipient maintain a 3.0 CGPA.

DEAN'S SCHOLARSHIP. This award is made to sophomores, juniors and seniors in recognition of academic excellence and contributions to the College community. Candidates are students who achieve a 3.0 cumulative grade point average and do not have a Presidential Scholarship.

RINDGE FACULTY FEDERATION SCHOLARSHIP. The Rindge Faculty Federation will grant two scholarships on an annual basis. Selection criteria will include grade point average, financial need, leadership skills, good social standing and other merits that faculty may feel distinguish a particular student.

Special Awards

For more information, consult the appropriate Division or Office.

- Peter B. Allan Memorial Award (Division of Humanities)
- Richard Eberhart Poetry Prize (Division of Humanities)
- Dot Hawkins Memorial Prize (Division of Natural Science)
- Marrer Award For Excellence In Mass Communication
(Division of Performing Arts)
- Ethel M. Vollertson Award (Division of Natural Science)
- Wall Sreet Journal Award (Division of Business Administration)

Special Departmental Honors

For more information on Special Departmental Honors, consult the appropriate Department.

- Alvin Award For Outstanding Contribution To Theatre Arts
(Division of Performing Arts)
- Anthropology Award
- Anthropology Award For Exceptional Sophomore
- Biology Citizenship Award
- Biology Faculty Citation
- Clio Award (History Department)
- Computer Lab Assistant Award For Exceptional Service
- Catherine Crochiere Memorial Award In Psychology
- CRC Press Freshman Chemistry Achievement Award (Natural Sciences)
- Excellence In Student Teaching Award (Behavioral Sciences)
- Fine Arts Faculty Citation
- Graphic Communications Award
- Graphic Communications Faculty Citation
- K-12 Art Teacher Certification Award (Behavioral Sciences)
- May-Lawrence Memorial Award (Business Administration Division)
- Mass Communication Creative Achievement Award
- Mass Communication Service Award
- Nature Writing Contest (Humanities Division)
- Publius Award (Political Science)
- Outstanding Senior In Psychology
- Secondary Education Teacher Certification Award
(Behavioral Sciences)
- Social Work And Counseling Award
- Sociology Award
- Stellan C. Wollmar Memorial Award (Business Administration Division)

National Honor Society Chapter Affiliations

- Alpha Chi
- Lambda Alpha (Anthropology)
- Phi Alpha Theta (History)
- Psi Chi (Psychology)
- Sigma Tau Delta (English)

Financial Aid

(See also Scholarships and Awards, page 193)

The Office of Financial Aid, located on the first floor of Rindge Hall, assists students in meeting educational expenses. Franklin Pierce College has a financial aid program which includes scholarships, grants, loans, and employment.

Mission, Goals, Objectives of the Financial Aid Office

Linked with the foundational mission of the College, which is to offer a student-centered, higher educational opportunity to individuals committed to academic and personal achievement, the Financial Aid Office affirms and supports this goal by providing financial assistance to students who might otherwise be unable to attend.

Further, the financial aid office exists to work in a partnership with the student and family to develop funding resources for educational expenses. The Financial Aid Office affirms the concept that the primary responsibility for funding a Franklin Pierce education rests with the student and family. By offering a complete program highlighted by effective customer service; sensitivity to family financial concerns; a full range of federal, state, and institutional financial aid programs; and linked to operational goals, mission, and vision of the institution, the Financial Aid Office exists to supplement the financial resources of the family in order to allow eligible students the opportunity to attend Franklin Pierce College.

The Financial Aid Office serves as a clearinghouse for all student financial aid programs, including federal, state, institutional, private, and endowed sources. The Financial Aid Office affirms and ensures its responsibility to adhere to all applicable laws, regulations and rules of the federal government, state agencies, private donors, and the College. The Financial Aid Office subscribes to the National Association of Financial Aid Administrators (NASFAA) Statement of Good Practices. The Financial Aid Office works collaboratively and cooperatively with offices on the Rindge and Graduate and Professional Studies campuses to ensure a proactive and positive approach to enrollment, retention, and issues of student concern. The Financial Aid Office works in a collaborative and cooperative manner with student government to address student financial aid issues. The Financial Aid Office works in a positive, proactive manner with students and families to address individual financial aid issues and concerns.

General Information

The student aid programs at Franklin Pierce College are designed to help those students who have a desire to attend the College but require assistance in meeting their educational costs.

The College expects that students and their families will make every effort to contribute to expenses from all resources available to them. It is further anticipated that the aid applicant will seek out all local and state financial aid for which he or she may be eligible.

In the 1999-2000 academic year, 89% of Franklin Pierce College students received Need-Based and Non-Need Based Aid. Those receiving more than one type of aid had packages ranging from \$2,000 to \$23,630, with the average package being \$14,500.

Scholarship and grant aid from the College does not generally exceed the cost of tuition. This policy also applies to recipients of Tuition Exchange scholarships, employee tuition benefits, the NHCUC tuition remission, the Conant, Conval, and Mascenic High School Principal's Scholarship, the Franklin Pierce Family Scholarship, and all other programs with similar benefits.

In order to receive financial aid, students must have a high school diploma or its recognized equivalent. Additional details are available in the Financial Aid Office.

I. Need-Based Aid — From the College

There are several different types of need-based assistance available through Franklin Pierce College's Office of Financial Aid. "Need-based" means that before aid is awarded, the student and family must demonstrate financial need by providing information to the Federal Student Aid Programs using the Free Application for Federal Student Aid (FAFSA). The Franklin Pierce

Early Financial Aid Option

Franklin Pierce College offers the opportunity to prospective students to receive an estimate of Financial Aid as much as several months earlier than the regular process allows.

An FPC Early Admissions and Financial Aid Application packet will be forwarded to all individuals who have contacted the Admissions Office regarding September enrollment. The simple 18 question Early Financial Aid Application must be completed and returned to the FPC Financial Aid Office by December 31. An estimate of assistance will be made by February 15 to eligible applicants who have been accepted to Franklin Pierce College. A \$100 tuition deposit, refundable until May 1 of the year of entry, will be requested at the time the Financial Aid Awards Schedule is received by the applicant. The deposit represents the recipient's sincere intention of attending and will be applied against fall charges. Students awarded under the Early Financial Aid Option will be sent a standard FAFSA when it is available and must file that form as well.

College Federal School Code for the FAFSA is 002575. Through the FAFSA, information regarding family size, income, and assets is evaluated using a Federally approved needs analysis formula. The results are made available to the College. We subtract the "estimated family contribution" figure from the "cost of education" figure. When the cost of education is larger than the expected family contribution, financial need is demonstrated.

When there is "need," aid is awarded, usually in a combination of grant, loan, and student employment. Not everyone receives aid from every program. For more specific details on application for need-based aid, please refer to the section following the program description.

Franklin Pierce Grant

This award is made from College resources to individuals who would have difficulty meeting their educational expenses without grant assistance, and who have demonstrated financial need. Amounts vary depending on need and availability of funds, and have ranged from \$500 to \$6000.

Federal Pell Grant

Pell Grants provide grant assistance ranging from \$400 to \$3,300 per year and are determined by formulas and federal appropriations approved annually by Congress. The application for the Federal Pell Grant is the FAFSA.

SEOG—Federal Supplemental Educational Opportunity Grant

This is a Federal Grant awarded to students with exceptional demonstrated need. Amounts generally range from \$300 to \$1000 per year at FPC.

Federal Perkins Loans

Eligibility for and the amount of the Perkins Loans are determined on the basis of exceptional demonstrated financial need and the availability of federal funds. There is no interest charged while the borrower is in college. Repayment begins nine months after graduation, withdrawal, or when the student ceases to be enrolled at least half-time in classes at FPC. In repayment, the loan bears interest at the rate of 5% per year on the unpaid balance. Minimum annual repayments of \$360 are required, and a maximum of ten years may be allowed to repay the loan. Perkins Loans made to eligible students range from \$400 to \$2000 per year.

Student Employment

Student Employment (Federal Work-Study) is awarded to many students who demonstrate financial need. As part of a financial aid package, a student may be awarded a specific dollar amount in Student Employment. This amount is the maximum that may be earned in the academic year. The average student employment award is \$1500 per year, which enables a student to work ten hours each week that classes are in session. Unlike scholarships, grants, and

loans, which are credited directly to the student's account, student employment is not. Upon arriving on campus, a student with an award in Student Employment begins looking for a job by consulting the job bulletin board (in the Campus Center) and applying directly to the on-campus employer. The majority of jobs pay the minimum wage. Students are paid every two weeks by direct deposit in the student's checking account.

There are a limited number of jobs available on campus to students who have not been awarded Student Employment as part of a financial aid award. Preference in hiring, however, is given to students with Student Employment awards. Interested students should check with the Financial Aid Office for details. An award of student employment indicates eligibility to apply for a campus job, but is not of itself a guarantee of employment.

State Grants

Students who are residents of most New England states or Pennsylvania may be eligible for their own State Grant Programs. If awarded a grant from any of these states, the student may use that money at Franklin Pierce College. Amounts vary per year, depending on need and availability of funds. Students from other states should check with their state awarding agency or the Financial Aid Office.

Governor's Success Grant

New Hampshire residents who have completed their freshman year may be considered for the Governor's Success Grant. Inquire at the Financial Aid Office for information.

International Student Scholarships

A limited number of scholarships are available to International Students, with the maximum being \$7000 per year.

Application: The Foreign Student Financial Aid Application and Declaration of Finances will be mailed automatically to international students applying to the College.

Application for Need-Based Aid

Students wishing to obtain financial aid must first complete a Free Application for Federal Student Aid (FAFSA). It is usually available in early January for the next academic year.

The FAFSA will be forwarded to all students applying to Franklin Pierce College. Specific instructions are provided with the FAFSA regarding completion and mailing.

The FAFSA should be filed by incoming students as soon after January 1 as possible in order to assure maximum consideration for all forms of aid for the following academic year.

A \$100 tuition deposit, refundable until May 1 of the year of entry, will be requested at the time the Financial Aid Award Notification is received by the applicant. The deposit represents the recipient's sincere intention of attending and will be applied against Fall charges. Written requests for deposit extensions until May 1 will be granted.

Awarding of Aid

Eligible students will be awarded on a first-come, first-served basis, taking into consideration financial need, academic performance, and the availability of funds.

Satisfactory Academic Progress Regulations

Full-Time Students

In order to receive maximum consideration for all institutional, state, and federal financial aid for which the student is eligible, the student must be matriculated into a degree program and must register for at least 12 credit hours per semester. Students registering for less than 12 credit hours per semester may receive limited institutional, state, and federal aid.

A student enrolled full-time (12 or more credit hours per semester) may receive financial aid for up to six years or 12 semesters.

In order to be eligible for continued receipt of financial aid, federal policy requires the establishment of qualitative and quantitative measures of incremental progress toward the completion of the degree requirements. Transfer students who have credit hours accepted by Franklin Pierce toward Franklin Pierce degree completion requirements will have those hours

calculated into the quantitative measure of progress. Incremental progress toward degree completion will be measured by the Financial Aid Office annually at the end of the academic year in May. Students who fail to meet the progress requirements listed below will be notified by the Financial Aid Office. Such students have the option to satisfy the requirements in one of two ways:

1. Taking summer courses (at their own expense) to raise either the credit hour or grade point average requirement, or both;
2. Students who wish to have the requirements waived due to mitigating circumstances (such as illness, death of a family member, family difficulties, etc.) should write a letter to the Director of Financial Aid detailing reasons for failure to meet the requirements. Approval or disapproval of these requests will be made by the Financial Aid Committee. Students who receive this waiver will receive notification of the requirements necessary to bring the hours or grade point average into compliance at the next incremental measurement period.

Students who fail to meet the requirements will be ineligible for any federal, state or institutional financial aid until the student is once again in compliance. If the requirements are met due to one of the two options listed above, the student may receive federal, state, and institutional financial aid for the following academic year.

For the full time student, the following requirements must be maintained:

At the End of Year	1	2	3	4	5	6
These credits must be completed:	18	35	55	75	95	120
And this cumulative g.p.a. must be maintained	0.81	1.5	2.0	2.0	2.0	2.0

Part-Time Students

Students enrolling part-time (registration for at least six hours per semester but less than 12) will have the number of required completed credits at the end of each year prorated, based on hours registered. For example, a student registering for six hours per semester in the first year (12 hours total for the year) would need to complete 50% of the 18 hours required by the above standard (or nine hours). The grade point average requirement above includes all hours below that level. For example, students completing between 19 and 35 hours must have a 1.5 cumulative grade point average. Students enrolling part-time may not receive financial aid for more than ten years or 20 semesters. Students who enroll part-time may receive limited federal, state, or institutional financial aid.

Maximum Time Frame to Receive Aid

A student enrolled full-time (12 or more credits per semester) may receive Federal Aid at Franklin Pierce College for up to six years or 12 semesters. This time limit also applies to institutional funds.

II. Need-Based and Non-Need-Based Aid — From Outside Sources

Federal Stafford Student Loan — Subsidized and Unsubsidized

This Federal loan carries a variable interest rate capped at 8.25%. The interest rate is variable but will not exceed this level. Franklin Pierce processes most Stafford Loans through the New Hampshire Higher Education Assistance Foundation (NHHEAF) and application materials are automatically forwarded to students as part of the financial aid application process. Students who wish to utilize other lenders should send appropriate application material to the Financial Aid Office for processing. Repayment of principal and interest on Subsidized Stafford Loans begins six months after graduation, withdrawal, or less than half-time status. Students must also file the FAFSA to be considered for this loan.

Students who are eligible for the *Unsubsidized* Stafford Loan (if the student is eligible this will appear on the award notification) will have slightly different terms: interest accrues during the life of the loan and is added to principal during the time you are in school.

Students have up to 10 years to repay the Stafford Loan. Deferment provisions are available. Lenders will charge origination and guaranty fees of 4% on these loans, and the net loan proceeds will be 4% less than your eligibility. Maximum amounts that may be borrowed are: \$2,625 freshman, \$3,500 sophomore, \$5,500 each in the junior and senior years. Half of the loan will be disbursed each semester. First time, first year students will have their first disbursement delayed by 30 days.

Application: A Free Application for Federal Student Aid (FAFSA) must be filed to provide information needed by the school to process the loan. Stafford loans will be processed using a serialized Master Promissory Note. New students are encouraged to participate in the electronic processing of the Stafford Loan through FPC. If a student does not wish to participate he/she must inform the College, otherwise the eligibility information will be automatically sent to the New Hampshire Higher Education Assistance Foundation (NHHEAF).

PLUS — Federal Parent Loans for Undergraduate Students

This loan is available to parents of dependent students. The maximum amount that may be borrowed is the total cost of education minus other financial aid awarded. In most cases, a family's PLUS Loan eligibility will be noted on the award notification. In addition to the amount shown on the award notification, families may also borrow PLUS funds to cover indirect costs such as books and personal expenses.

The interest rate is variable but will not exceed 9%. To receive the loan, the parent borrower must pass a credit check. If a parent is denied the PLUS Loan on the basis of credit, the student may borrow additional funds through the Unsubsidized Stafford Loan (up to \$4,000 per year for freshman and sophomore status and \$5,000 per year for junior and senior status).

Loan fees of 4% will be deducted from the loan. The loan is generally disbursed in two installments, one per semester. Repayment of a PLUS Loan begins 60 days after disbursement. Unless requested, all PLUS Loans will be processed through the New Hampshire Higher Education Assistance Foundation (NHHEAF).

III. Non Need-Based Aid — From the College

Gift Aid Scholarships and Grants

1. Presidential Scholarship

Awarded by the Admissions Office on the basis of high academic ability and promise of achievement, this award has ranged from \$1,000 to \$10,000 per year. Consideration for this award is automatic.

2. Success Grant

Awarded by the Admissions Office to those students who show promise of success at Franklin Pierce, this award has ranged from \$5,000 to \$8,000 per year. Consideration for this award is automatic.

3. Family Scholarship Program

When two immediate family members (spouses, parents and children) are enrolled full-time in the same semester at FPC, a scholarship equal to 30% of the second family member's tuition will be awarded. This scholarship will be equally divided between the two students so that they both will benefit.

4. Travel Assistance Program

Students who travel round-trip by air for the purpose of visiting Franklin Pierce College as part of their college decision-making process, will be credited with up to \$300.00 toward the tuition and fees for their first year of attendance.

Scholarships are available to both incoming and returning students. Recommendations for scholarship recipients are made by Faculty and Administration. Students will be notified if they have been selected to receive a scholarship from the College. See page 193, Scholarships and Awards.

IV. Other Types of Aid

TREE (The Resource for Educational Expenses) Loan

Students may be eligible for this non-Federal loan offered through NHHEAF (New Hampshire Higher Education Assistance Foundation). Students may borrow a maximum of \$5,000 without a co-signer or \$10,000 with a co-signer. Maximum loan eligibility is limited to cost of education minus other aid awarded. To be eligible, borrowers must pass a credit analysis. The interest rate is variable. Repayment of principal and interest is deferred until 6 months after graduation, withdrawal, or dropping below half-time status.

Other Alternative Loan Programs

Franklin Pierce College has information on several privately financed alternative loan programs. Contact the Financial Aid Office for additional information.

Veterans Administration

All eligible veterans attending Franklin Pierce College should contact the Registrar's Office regarding eligibility for Veterans Administration or other benefits.

Private Scholarships

Students should attempt to locate scholarships for which they are eligible. Sources of information are high school guidance offices, charitable organizations, service organizations, employee credit unions, and college libraries. Students who receive private scholarships should notify the Financial Aid Office. Private scholarships are used to cover any unmet need and then to reduce loans and work.

Employment Off Campus

It is difficult to predict the availability of off-campus employment from year to year. For most of these opportunities, some form of personal transportation is required. Job openings will be posted by the Financial Aid Office.

Summary

The Financial Aid Office exists to work in a partnership with the student and family to ensure funding for educational expenses. Those individuals with a sincere interest in attending Franklin Pierce and having financial need will do well to spend their energies in searching for assistance both within and outside the College in order to fund their education. Students who devote their efforts in researching options available from their state, local high school, college, or civic organization will receive valuable information and potential sources of funding.

Admissions Information

The College admits those secondary school graduates who have a sincere desire for higher education, have demonstrated ability to acquire this education, and have evidenced good citizenship. Admission is open to all qualified applicants without regard to race, religion, physical disability, or ethnic origin. Applications are processed on a rolling basis; there is no application deadline.

Candidates considered for admission to Franklin Pierce College ordinarily must be graduates of an accredited secondary school unless qualified for early admission. Franklin Pierce College supports the efforts of secondary school officials and governing bodies to have their schools achieve regional accredited status to provide reliable assurance of the quality of the educational preparation of its applicants for admission.

Each entering student must submit evidence of adequate preparation for college. Sixteen units of secondary school work are required of each candidate, and the preferred distribution is as follows:

College Preparatory:

English	4 units
Mathematics	3 units
Sciences	2 units
Social Studies	3 units
Other	4 units

Candidates deemed to have potential and motivation, yet not meeting all admission requirements, may be accepted provisionally.

Procedures for Admission

An application should be filed during the student's senior year in high school; however, later applications will be considered if space is available. Students may enter in the Fall, Spring, or Summer. The formal application should be forwarded to the Office of Admissions. There is no application fee. Upon acceptance, a \$200 deposit, which is credited toward tuition, will be requested. Written requests for deposit extensions until May 1 will be granted.

The application consists of the following documents and information:

1. The completed application form.
2. Official secondary school transcript.
3. Official transcript from each college attended.
4. Official secondary school recommendation (guidance counselor, principal, or teacher) is required in most cases.
5. Any student seeking admission to the College normally submits either the results of the Scholastic Aptitude Test (SAT I) of the College Entrance Examination Board (CEEB) or the results of the American College Testing Program (ACT). Special consideration will be given to students who, for valid reasons, are unable to submit SAT or ACT scores. Information concerning the Scholastic Aptitude Test may be obtained by writing to the College Entrance Examination Board, P.O. Box 592, Princeton, NJ 08540. Information concerning the American College Testing Program may be obtained by writing to the American College Testing Program, P.O. Box 168, Iowa City, IA 52240.
6. A sample of the student's writing or an essay.
7. An on-campus interview is recommended.
8. Foreign students must submit the Certification of Finances and an acceptable TOEFL score in addition to the above items and must demonstrate college-level English language ability. This ability is normally ascertained through the Test of English as a Foreign Language (TOEFL). However, acceptable SAT or ACT scores may be substituted for the TOEFL.

Transfer Credit Policy

Transfer students, including graduates of two-year colleges, are welcome to apply for entrance in the Fall, Spring, or Summer.

The Admissions Office must be furnished with an official transcript from each college attended.

One semester at Franklin Pierce must be completed satisfactorily before the award of transfer credit becomes final.

A complete policy statement regarding transfer credits is available from the Registrar.

Advanced Standing

The College recognizes unusual secondary school accomplishment by means of advanced placement and credit for those who have taken especially enriched or accelerated courses before entering college. Applicants qualify for such credit by satisfactory achievement on the College Board Advanced Placement Tests and through the College-Level Examination Program. Further information may be obtained by writing to the College-Level Examination Program, College Entrance Examination Board, 888 Seventh Avenue, New York, NY 10019. (See page 179 for limits on CLEP credits.)

Early Admission

Outstanding students may be admitted from secondary schools at any time after completion of their junior year. Applicants wishing to be considered for early admission are asked to arrange for a personal interview.

Readmission

Any student reentering or seeking readmission to the College should contact the office of the Vice President for Student Affairs (x4160).

Readmission Policy for Students Academically Suspended

Students who have been suspended for poor academic achievement may be readmitted if they:

- a) Attend a Franklin Pierce College Summer Session or a subsequent term at a Professional Studies campus and receive a grade of C or better in two courses approved in advance by the Academic Dean, or
- b) Attend another college and receive an average of 2.0 or better in 12 credits approved in advance by the Academic Dean.

Suspended students wishing to exercise either of these options should contact the Vice President for Student Affairs to make necessary arrangements.

Upon completion of the approved work, an application for readmission should be submitted to Student Affairs, along with a transcript of work completed.

Financial Information

Tuition and fees are subject to change at the discretion of the Board of Trustees. Charges listed are in effect September, 2000.

Financial clearance must be met for a student to receive transcripts or diploma. Although someone else may pay the charges, e.g., parents, friends, a company, etc., it is ultimately the student's financial responsibility.

Comprehensive and General Fees

Comprehensive Fee — Resident Students

Fall and Spring	\$24,400
Fall or Spring	\$12,200

The Comprehensive Fee includes:

Tuition (\$18,150), Room (\$3,400), and Board (\$2,850)

Note: This example is based upon a full-time student registered for a credit hour load of 12 through 16 credit hours per semester, a standard double or designed triple room, and the full meal plan of 19 meals per week.

General Fee — Non-Resident Students

Fall and Spring	\$18,150
Fall or Spring	\$9,075

Note: This example is based upon a full-time student registered for a credit hour load of 12 through 16 credit hours per semester.

Summer Sessions

Tuition (per credit hour)	\$215
Room and Board (per term) Room (\$400), Board (\$350)	\$750

Deposits

Acceptance Deposit	\$200
This deposit is required of all new and readmitted students at the time of their acceptance and is an indication of a student's intention to enroll the next semester. The deposit is credited against the semester charges.	

Commitment Deposit	\$100
This deposit is required of all continuing students. It is payable by March 1st, and allows registration as an indication of a student's intent to return the next fall. The deposit is credited against the fall semester charges.	

Room Deposit	\$100
Returning students wishing to participate in the housing selection for the fall semester are required to make this deposit by March 1st.	

New and readmitted students are required to make a non-refundable \$100 deposit at the time that rooms are assigned and housing contracts issued. This would normally occur during the month of June.

The deposit is credited against the fall semester charges.

Contingent Deposit	\$100
This deposit is required of all students. Any unpaid charges will be deducted from this deposit and the balance credited on the following year's statement.	

Refund Policy

A student may withdraw from the College in accordance with the policies stated on page 181. The effective date of a withdrawal form is the date upon which the refunds will be determined. A student who leaves the College without completing the withdrawal form or who is suspended or dismissed from the College may not be entitled to a refund.

Withdrawal Prior to Fall Registration

The \$200.00 acceptance deposit required of new and readmitted students is refundable until May 1; after that date it will be forfeited. (Acceptance deposits for any term other than the September semester are non-refundable.)

The \$100.00 commitment deposit required of returning students is refundable until June 1 with proper completion of withdrawal form; after that date it will be forfeited.

The \$100.00 room deposit required of returning students is refundable until June 1 with proper completion of withdrawal form; after that date it will be forfeited.

Any of the above forfeited deposits will be credited toward any future charges if the student is readmitted.

Withdrawal for Regular Terms

Refunds of credit balances will be processed after completion of a withdrawal form and credits for fall or spring charges are applied to the student’s account. Credits for Fall and Spring terms apply to tuition and on-campus room and board only and will be determined according to this schedule:

Within 14 days of first day of scheduled classes	80% credit
Within 21 days of first day of scheduled classes	60% credit
Within 28 days of first day of scheduled classes	40% credit
Within 35 days of first day of scheduled classes	20% credit
After 35 days of first day of scheduled classes	NO CREDIT

Withdrawal for Summer Sessions

Refunds of credit balances will be processed after completion of a withdrawal form and credits for summer charges are applied to the student’s account. Credits apply for tuition and on-campus room and board only and will be determined according to this schedule:

Prior to registration	100% credit
Within 1 week of first day of scheduled classes	75% credit
Within 2 weeks of first day of scheduled classes	50% credit
After 2 weeks of first day of scheduled classes	NO CREDIT

Withdrawal from Individual Courses

No credit is applied when a student withdraws from individual courses after the end of the Add-Drop period. See page 181 for other relevant policies.

Refunds for Recipients of Federal Financial Aid

Students who withdraw before 60% of the term is completed will have their Federal financial aid eligibility calculated in direct proportion to the length of their enrollment. The percentage of time the student remained enrolled is the percentage of disbursable aid for that period that the student earned. A student who remains enrolled beyond the 60% point earns all aid for the period.

Return of Federal (Title IV) funds calculation is performed independently of institutional costs incurred for the period of enrollment.

The date of withdrawal used to calculate the last date of attendance will be the effective date of withdrawal noted on the official withdrawal form. Students who leave without completing an official withdrawal form or for whom an official withdrawal form is not completed will have their last date of attendance be the date of the last documented academically-related activity.

The student may be entitled to a post-withdrawal disbursement of Federal financial aid if the return of funds calculation indicates that the student earned more aid than was disbursed prior to withdrawal.

Additional information may be obtained from the Financial Aid Office.

Changes to Room and Meal Plans

Students who wish to make a change in their room or meal plan may do so only through Add/Drop week. No credits will be given for changes made after the last day of Add/Drop. All freshmen are required to be on the 19 meal plan. Students living in Special Living Options may

elect the 0, 10, 15, or 19 meal plan. Any upperclassmen living in standard residence or Cheshire Hall must elect the 10; 15, or 19 meal plan. All changes must be made at the Residence Services Office.

Fines and Damages

Students are subject to financial fines or billings for such items as damages, parking violations, library fines, and other violations. Additional information is available in the Student Handbook.

The College will report delinquent accounts to a national credit bureau or refer the accounts for collection for the full amount due plus an amount sufficient to cover all collection and legal costs.

Other Charges

Credit Hour Charge (Extra Credit Hour beginning with the 17th credit hour or Part-time, 1 through 11 credit hours)	\$605
Auditing Fee (non credit/per credit hour)	150
Credit Hour Charge or Auditing Fee [High School Student, Senior Citizen (60+) or Alumni]	100
Health Fee (subject to change)	330
Late Registration Fee (after close of registration)	100
Late Registration Fee (after close of Add-Drop period)	Additional 250
Transcript Fee (the fee must be sent with each written request for a transcript)	5
Transcript overnight service	20
Graduation Fee	100
Voice Mail	60
Local Telephone Service	95
Deferred Payment Plan Fee	100
Programming Fee	200
Late Payment Charge (1.0% per month on the unpaid balance)	
Network Access Fee	150
ID Replacement Fee	15

Laboratory and Course fees: Some courses, especially in the Sciences, Fine Arts, Graphic Communications, Theatre, and Mass Communications involve the use of materials and supplies. Fees ranging from \$15.00 to \$270.00 may be charged for these courses. In addition, private music instruction for non-music majors is available at \$280.00 per course. Check with your instructor if you have any questions about fees.

Payment Plans

Full Year Plan:	5% discount on Spring balance* if paid by July 15.
Semester Plan:	Fall semester—Full semester balance paid by July 15. Spring semester—Full semester balance paid by December 15.
10 Payment Plan:	Full year charges paid over 10 monthly installments beginning June 15 through March 15. Fee of \$100. The Plan is offered through Tuition Management Services.

* (Spring charges less Financial Aid including Stafford Loans)

Books and Supplies

The cost of books and supplies is approximately \$700 per year, depending on the courses selected, and is not included in the College Fees listed. Funds may be applied to the RAVENCARD through the Bursar's office to be used at the College store. Books and supplies may be purchased at the College Store either by cash, check, credit card or RAVENCARD included with the fall payment. For further information see the Student Handbook.

Transportation Department Fees

All requests for transportation must be made at least 48 hours in advance. We reserve the right to deny requests that do not comply with the 48-hour time period. Each request will be evaluated on an individual basis, and will take into account the availability of vans and drivers. We will attempt to comply with all bonafide emergency requests.

Cancellations must be made 24 hours in advance to avoid being billed the driver's fee. When cancelling a request, please do so by speaking with someone in Transportation or Security; do not rely on voice mail.

Rates are based on one way, per individual:

Monadnock and Cheshire Hospitals:

Flat rate of \$10.00 if an emergency.

Doctor Appointments:

Flat rate of \$10.00

Plus \$5.15 per hour if the driver has to wait more than one hour.

All Other Requests:

\$5.15 per hour, plus:

35 cents per mile if the driver is provided by the Transportation Department.

35 cents per mile if the individual/group provides an approved driver.

Any damage that is incurred will be paid for by the department utilizing the van.

Note: The Transportation Department is not responsible for any additional charges.
(fuel, parking, tolls, etc.)

Directory

President's Office

George J. Hagerty, *President*, B.A., Stonehill College, Ed.M., Ed.D., Harvard University

Robert J. Condon, Jr., *Senior Vice President and Chief Operating Officer*, B.S., M.Ed., Springfield College

Mary C. Murbach, *Executive Assistant*, Certificate, Katharine Gibbs School

Stella M. van Renesse-Walling, *Special Projects Coordinator*, B.A., Mt. Holyoke College

Christian Arnold, *Secretary*, A.S., Greenfield Community College

Academic Affairs

Billy D. Horton, *Vice President and Dean of Academic Affairs*, B.A., Berea College, M.Div., Yale University Divinity School, M.A., Ph.D., University of Kentucky

Joan Epro, *Assistant to the Dean*, B.A., Brooklyn College, M.A., New York University

Sarah T. Dangelantonio, *Core Curriculum Coordinator*, B.A., Spring Hill College, M.A., Saint Louis University, Ph.D., University of Georgia

Karen J. Brown, *Administrative Assistant*, B.A., Clark University

Academic Divisions

Behavioral Sciences

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Nancy J. Gagnon, *Administrative Assistant, Education Department*

Business Administration

Kelly M. Kilcrease, *Division Chair, Assistant Professor-Management*, B.A., University of South Florida, M.B.A., Tampa College, Ph.D., The Union Institute

Karen Gauthier, *Administrative Assistant*, A.A., Mt. Wachusett Community College

Humanities

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Natural Sciences

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Michele M. Hood, *Lab Assistant*, B.S., Keene State College

Kelley Wickman, *Administrative Assistant*

Visual and Performing Arts

Robert E. Diercks, *Division Chair, Professor-Graphic Communication*, B.F.A., Maryland Institute College of Art, M.A., University of New Mexico, M.F.A., Pennsylvania State University

Torri J. Haskell, *Administrative Assistant*

Anna R. Thomford, *Costume Coordinator - Theatre Arts*

Academic Services

Carol Sitterly, *Director of Academic Services Center and Coordinator of Services for Students with Learning Differences*, B.A., Worcester State College, M.A., Ed.D., American International College

Martin Grace, *Coordinator of Advising*

Susan Chamberlin, *Learning Assistance Coordinator*, B.A., Antioch College, M.Ed., Keene State College, Ph.D., Boston College

Maureen P. Baptiste, *Language Skills Specialist*, B.S., State College of Boston, M.Ed., Northeastern University

Cindy Ryer, *Learning Specialist*, B.A., Keene State College

Lisa T. Pelkey, *Administrative Assistant*

Admissions

Lucy C. Shonk, *Director of Admissions*, B.S., Emerson College, M.Ed., Keene State College, M.F.A., Boston University

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Nanette J. Reckart, *Associate Director of Admissions*, B.A., West Virginia University, M.A.L.S., Keene State College

Lynnette E. Fagnan, *Assistant Director of Admissions*, B.A., Nazareth College, M.S.Ed., Alfred University

Linda P. Quimby, *Admissions Counselor*, B.S., University of Massachusetts

Elizabeth D. Pursell, *Office Manager*

Cheryl Flood, *Records Specialist*

Sandra V. Phinney, *Records Specialist*

Athletics

Bruce M. Kirsh, *Assistant to the President for Administration/Athletic Director*, A.A., Stevens College, B.A., Franklin Pierce College

James S. Fennell, *Sports Information Director*, B.A., Slippery Rock University

Cynthia A. Arman, *Assistant Athletic Director/Head Athletic Trainer*, B.S., Niagara University

Jeffrey R. Bailey, *Assistant Athletic Director/Women's Soccer Coach*, B.S., University of Manchester, England, B.S., Franklin Pierce College

David M. Chadbourne, *Men's Basketball Coach*, B.S., St. Joseph's College

Jayson King, *Baseball Coach*, B.A., Framingham State College, M.S., Springfield College

Marco Koolman, *Men's Soccer Coach*, B.A., M.S., Gannon University

Jay McCormack, *Men's Ice Hockey Coach*, B.S., Franklin Pierce College

Judy Heddy, *Women's Field Hockey Coach*, B.S., Neville's Cross College, M.S., Montclair State College

Sarah Behn, *Women's Basketball Coach*, B.S., Boston College

Florence L. Russo, *Assistant Athletic Trainer/ Assistant Softball Coach*, B.S. University of Massachusetts at Boston, M.A., Framingham State College

Joanne Cote, *Administrative Assistant*

Kurt Svoboda, *Sports Information Intern*, B.S., Colby-Sawyer College

Bookstore (Follett Books)

Kristine A. Baker, *Store Manager*, B.A., Mt. Ida College

Shirley Preston, *Textbook Manager*, B.A., Merrimack College, M.A., University of Massachusetts

Donna M. Rugg, *General Merchandise Manager*

Cynthia G. Martin, *Shipping/Receiving Manager*

Katherine Valeri, *Cashier Coordinator*, A.S., Quinsigemond Community College

Campus Safety and Transportation

Amanda Guthorn Warman, *Director*, B.S., M.S., Northeastern University

William B. Sweet, *Lieutenant*

Thomas H. Stone, *Sergeant*

William R. Pytro, *Driver*

Safety Officers:

Aaron B. Bequeath, Melonnie A. Briggs, Richard Call, Frank X. Hazelrigg, Robert Novak, Darel Oja, Lisa M. Record, Harry Sibley, Kenneth W. Sparks, John Vargas-Cifrino, Michael Yelle

Switchboard/Dispatch Operators:

Muriel Charlonne, Elaine M. Mercier, Earl Patria, Jr., Victoria Skowronek

Career Planning & Placement

Rosemary Nichols, *Director*, A.S., Greenfield Community College, B.S., Lesley College, M.Ed., Springfield College

College Relations

Eleanor Drury, *Vice President for College Relations*, B.A., Connecticut College for Women, M.B.A., New York University, Certificate, American School of Classical Studies, Athens

Anne K. Blake, *Senior Director of Alumni and External Relations*, B.A., M.A., Stonehill College

Alicia Crotty-Martin, *Director, Public Relations*, B.A., Franklin Pierce College

Laura Mitchell, *Director of Annual Giving*, B.A., Stonehill College

Nancy Cornelius, *Manager of Information Processing*, B.S., University of Pittsburgh

Clarisse A. Wallace, *Prospect Research Assistant*

Vicki K. Doyle, *Database Administrator*

Diane Gaffney, *Coordinator, Institutional Advancement*, A.A., B.S., Franklin Pierce College

Jonathan T. Ramsdell, *Annual Fund Assistant*, B.A., University of Maine

Barbara Gil-Martin, *Administrative Assistant-External Relations*

Charlotte Lewis, *Secretary-Alumni Relations and Public Relations*

Counseling Services

Paula-Ayn Phillips, *Director of Counseling Center*, B.A., West Chester University, M.S., State University of New York, Oneonta, NCC, CCMHC

Maureen O'Brien, *Counselor*, B.A., Trinity College (Washington D.C.), M.S.S.A., Case Western Reserve University

Enrollment Services

Thomas E. Desrosiers, *Dean of Enrollment Services*, B.A., University of New Hampshire, M.A., Tulane University, Diplôme, Université de Nice

Joanne M. Petelle, *Receptionist*, B.S., Lyndon State College

Facilities

Russell Chaplis, *Maintenance/Grounds Supervisor*
Michael Shea, *Assistant Maintenance Supervisor/Electrician*
Brenda Rogers, *Environmental Services Supervisor*
Sandy Harding, *Office Manager*

Maintenance:

Frank A. Angier, *Grounds Coordinator*
Peter Bradford, *General Maintenance*
Russell Chaplis, *Maintenance Supervisor*
Jim Denno, *Mechanic*
Bob Jones, *Grounds Keeper*
Christopher Moore, *General Maintenance*

Erik Nelson, *General Maintenance*
Al Perry, *General Maintenance*,
Mike Shea, *Electrician*
Raymond Snyder, *Carpenter*,
Eric Stenquist, *Electrical Apprentice*
Jean St. Pierre, *Air Frame Technician*
John F. Weir, *Locksmith*

Environmental Services Technicians

John P. Sullivan, *Assistant Supervisor*
Roland Pillsbury, *Distribution Coordinator*
Angie Norwood, *Lead Technician*
Audrey E. Priest, *Lead Technician*
John R. Valeri, *Lead Carpet /Floor Technician*
Wilson Adair, *Carpet /Floor Technician*
Kit Shotton, *Carpet /Floor Technician*
Richard P. Baird, *Technician 1*
Torri Blair, *Technician 2*
Patricia Boscarino, *Technician 2*
Christine Campbell, *Technician 2*
Joe Campos, *Technician 1*
Vanessa Dunning, *Technician 2*

Susan E. Fitzpatrick, *Technician 2*
Kevin Harris, *Technician 2*
Lisa Hudson, *Technician 2*
Jeffrey Klardie, *Technician 1*
Lisa Lawrence, *Technician 2*
Chet Porowski, *Technician 1*
Evelyn Tarr, *Technician 1*
Nancy Ringland, *Technician 2*
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Gene Schiavone, Old Saybrook, Connecticut
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Elizabeth Marshall Thomas, Peterborough, New Hampshire
J. Symes Goodnow, *Clerk of the Board*, Keene, New Hampshire

This Bulletin is binding on all students registering for admission to Franklin Pierce College or in classes after May 14, 2000.

All rules, regulations, and degree requirements apply with the exception that returning students may complete degree requirements as listed in the Bulletin extant at the time they entered Franklin Pierce College, or they may comply with all requirements of any subsequent Bulletin.

The College reserves the right at any time to make whatever changes or additions that the Board of Trustees deems necessary. Supplements showing changes or additions will be available through the Admissions Office.

Geographic Distribution

Fall Semester 1999

State or Protectorate	Number	Percent
Arizona	2	0.14
California	16	1.16
Connecticut	180	13.02
Delaware	5	0.36
District of Columbia	1	0.07
Florida	6	0.40
Illinois	1	0.07
Maine	88	6.36
Maryland	4	0.29
Massachusetts	424	30.66
Minnesota	1	0.07
Missouri	1	0.07
Montana	1	0.07
New Hampshire	226	16.34
New Jersey	77	5.57
New York	187	13.52
Ohio	2	0.14
Pennsylvania	23	1.66
Puerto Rico	1	0.07
Rhode Island	34	2.46
South Carolina	1	0.07
Texas	2	0.14
Vermont	47	3.40
Virginia	2	.14
Washington	1	0.07
West Virginia	1	0.07
Wisconsin	1	0.07
Foreign Countries	Number	Percent
Bosnia	1	0.07
Cambodia	1	0.07
Canada	4	0.29
Cape Verde	1	0.07
Egypt	1	0.07
England	2	0.14
Finland	5	0.36
Germany	4	0.29
Ireland	1	0.07
Israel	1	0.07
Jamaica	1	0.07
Japan	8	0.58
Netherlands	2	0.13
Panama	1	0.07
Scotland	2	0.14
Sierra Leone	1	0.07
Sweden	1	0.07
Turkey	4	0.29
Vietnam	1	0.07
Yugoslavia	5	0.36
Totals	1383	100.00

A Note on the Purpose of a College Catalogue

The purpose of a college catalogue is threefold: to be of use to present or potential students and faculty members, to serve as an historical document, and to let others know the nature and scope of programs available. No matter how hard one tries, such publications are never perfect; the various staff and faculty members listed herein will do their best to find answers to questions the reader might have.

The detailing of policies and processes tends to make such documentation seem deadly dull and musty, when in reality they relate to the most important and exciting of all human activities—the learning process. Students have the responsibility of becoming familiar with those policies and processes as they pursue their educational goals. The students, administration, faculty and staff have the mutual responsibility of bringing the words to life by making the learning experience as pleasant and productive as possible.

Because such catalogues are published at a particular moment in a changing world, the College reserves the right to change any part and to make any such changes retroactive for students currently enrolled.

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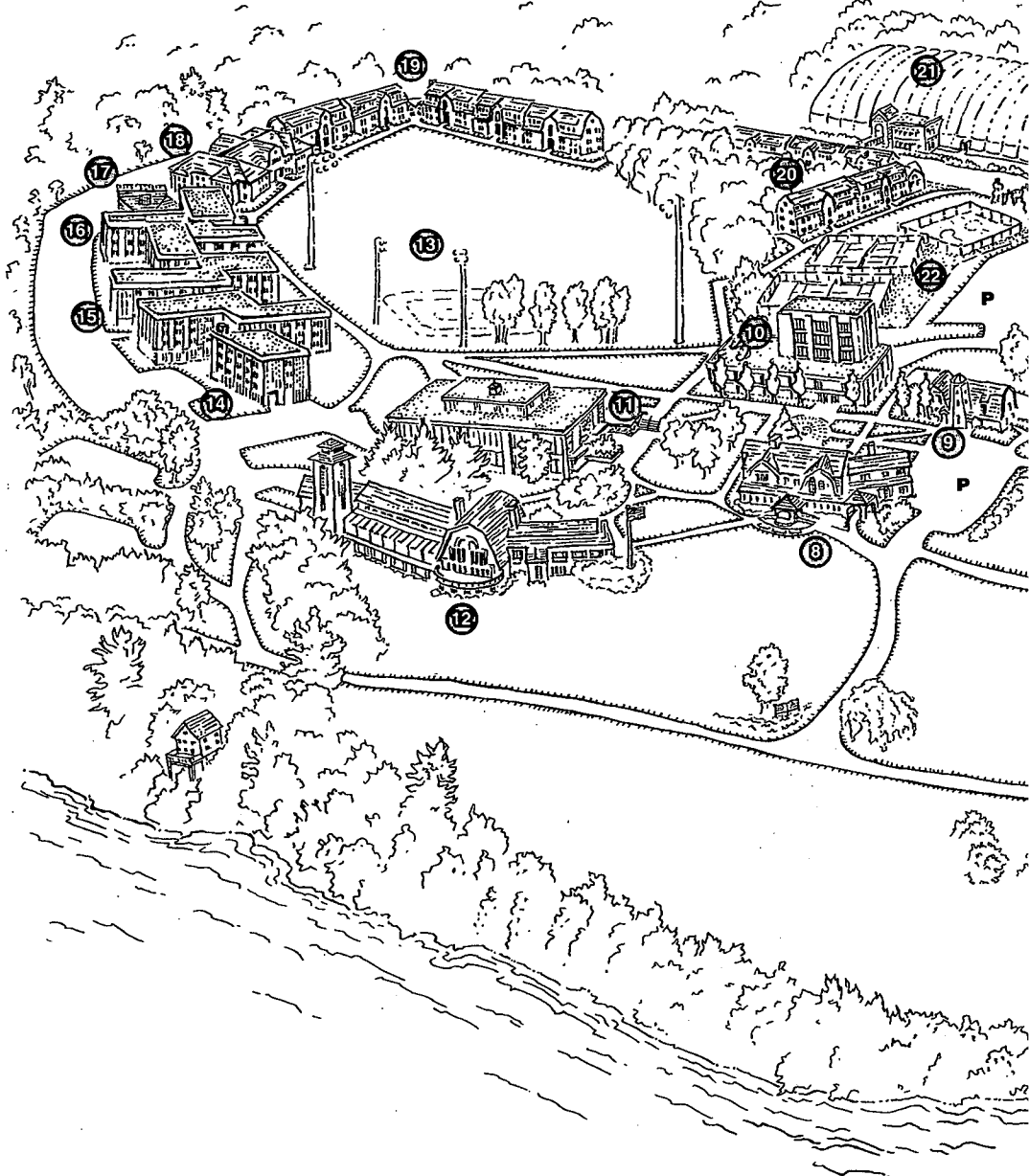
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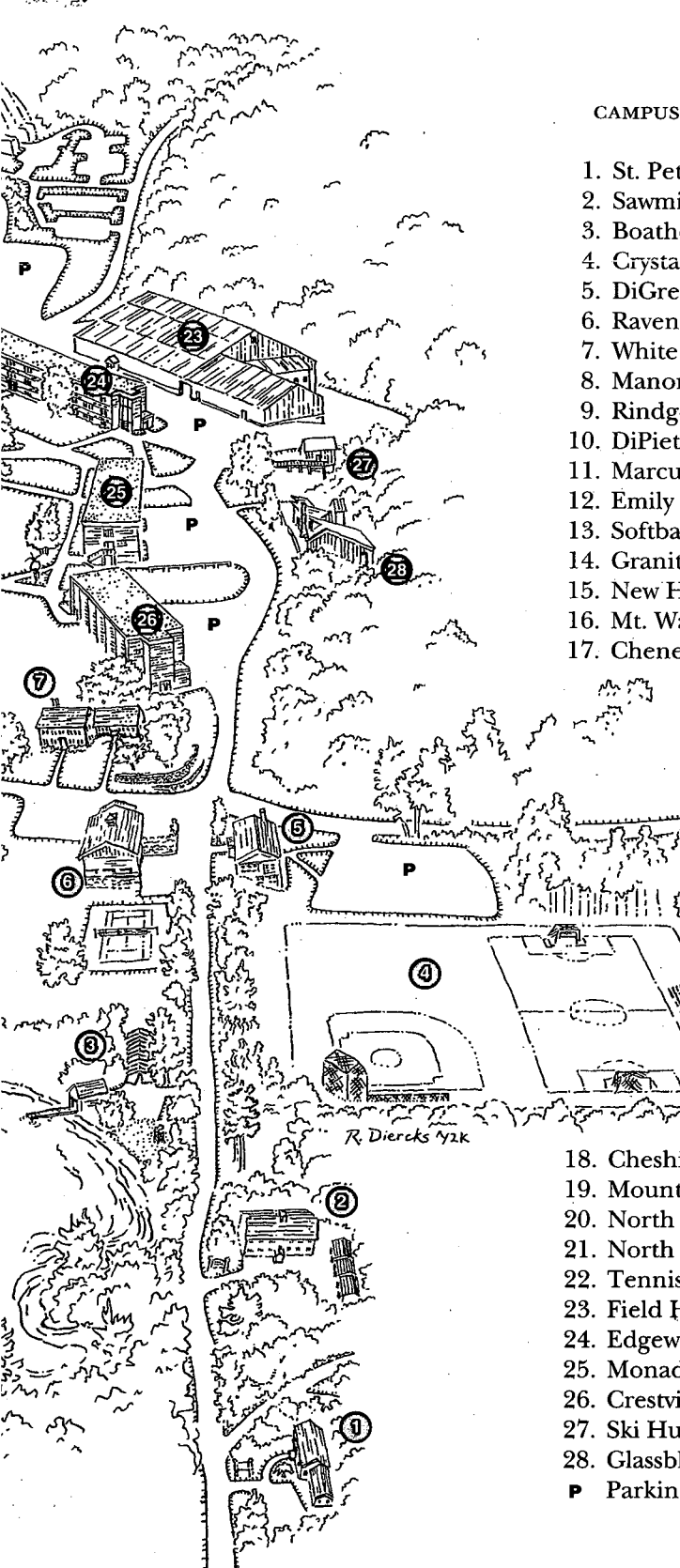
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FRANKLIN PIERCE COLLEGE CAMPUS

CAMPUS BUILDINGS & CLASSROOMS



1. St. Peter's (*Visitor Check in*)
2. Sawmill Apartments
3. Boathouse/Beach/Waterfront
4. Crystal Field
5. DiGregorio Building
6. Ravencroft Theatre
7. White House
8. Manor
9. Rindge Hall
10. DiPietro Library Resource Center
11. Marcucella Hall
12. Emily Flint Campus Center
13. Softball Field
14. Granite Hall
15. New Hampshire Hall
16. Mt. Washington Hall
17. Cheney Hall

18. Cheshire Hall
19. Mountain View Apartments
20. North Woods Apartments
21. North Fields Activity Center
22. Tennis Courts
23. Field House
24. Edgewood Hall
25. Monadnock Hall
26. Crestview Hall
27. Ski Hut
28. Glassblowing Studio
- P Parking

Franklin Pierce College

College Road, P.O. Box 60, Rindge, New Hampshire 03461-0060

Tel: 800-437-0048 or 603-899-4050 Fax: 603-899-4394 Internet: www.fpc.edu Email: admissions@fpc.edu

Application for Admission

Please Type or Print

No fee required *

(We have not required an Application Fee since 1975)

Name Home Telephone (.....)
Last First Middle Area Code

Address
Home Mailing Address City State Zip/Postal Code

Email Address (if applicable)

Birth Date Place of Birth
Month Day Year City State

Marital Status Sex: ☐ Male ☐ Female Social Security #

Are you a U.S. citizen? ☐ Yes ☐ No If no, are you a legal permanent resident in the United States (green card holder)?

☐ Yes (alien registration number) ☐ No (country of citizenship)

For citizens of the United States: Your ethnic origin (optional):

☐ White ☐ Black/African American ☐ Hispanic ☐ Asian or Pacific ☐ American Indian or Alaskan

Enrollment Plans

Application for BA or BS degree program beginning:

☐ Fall Semester: ☐ Spring Semester: ☐ Summer Session:

I plan to attend: ☐ Full-time ☐ Part-time

I plan to: ☐ Reside in campus housing ☐ Reside off-campus ☐ Commute from home

How did you learn about Franklin Pierce College? CAT

Current Schooling Information

Name of High School you are attending or did attend CEEB#

High School Address
Address City State Zip/Postal Code

Email Fax Date of Graduation

Type of School: ☐ Public High School ☐ Private/Parochial Day School ☐ Private/Parochial Boarding School

Name of Guidance Counselor Telephone Number (.....)
Area Code

List all colleges you are attending or have attended and have official transcripts forwarded to the Admissions Office.

.....
College Dates Attended Degree

.....
College Dates Attended Degree

Educational Program (Number, in order of preference ONLY those areas that are of interest to you.)

- | | | | |
|-------------------------------|-----------------------------|-------------------------|----------------------------------|
| Accounting | Dance | Journalism | Secondary Education |
| Advertising | Drama | Management | Social Work & Counseling |
| American Studies | Economic Theory | Marketing | Sociology |
| Anthropology/Archaeology | Elementary Education | Mass Communication | Sports & Leisure Management |
| Art | English | Mathematics | Technical Theatre Arts |
| Arts Management | Environmental Science | Music | Television Broadcasting |
| Biology | Financial Management | Political Science | Student Designed Major |
| Business Administration | Graphic Communications | Pre-Law | Undecided |
| Chemistry | History | Pre-Med | Women's Studies |
| Computer Science | Information Technology | Psychology | |
| Criminal Justice | International Business | Radio Broadcasting | |

.....

Have you taken the ☐ SAT ☐ ACT or ☐ TOEFL? Date test has been or will be taken

Financial Aid Information (Title IV Code# 002575)

The Early Financial Aid Evaluation enables eligible students for whom Franklin Pierce College is a top choice to receive an estimated Financial Aid Award by February 15. Application deadline is December 30.

Family Information

Address Address

City State Zip City State Zip

Title/Occupation Title/Occupation

Name and Address of Firm Name and Address of Firm

Business Telephone (.....) Business Telephone (.....)

Business Fax Email Business Fax Email

Do you have any relatives or friends currently attending or who have attended Franklin Pierce College? ☐ Yes ☐ No

If yes, give names and relationships

Name of your hometown newspaper

..... (Phone)

Your application will be processed upon receipt of the following documents:

- The guidance office at your High School will submit your official records with the completed application at your request, or, if you prefer, we will obtain your high school records.*

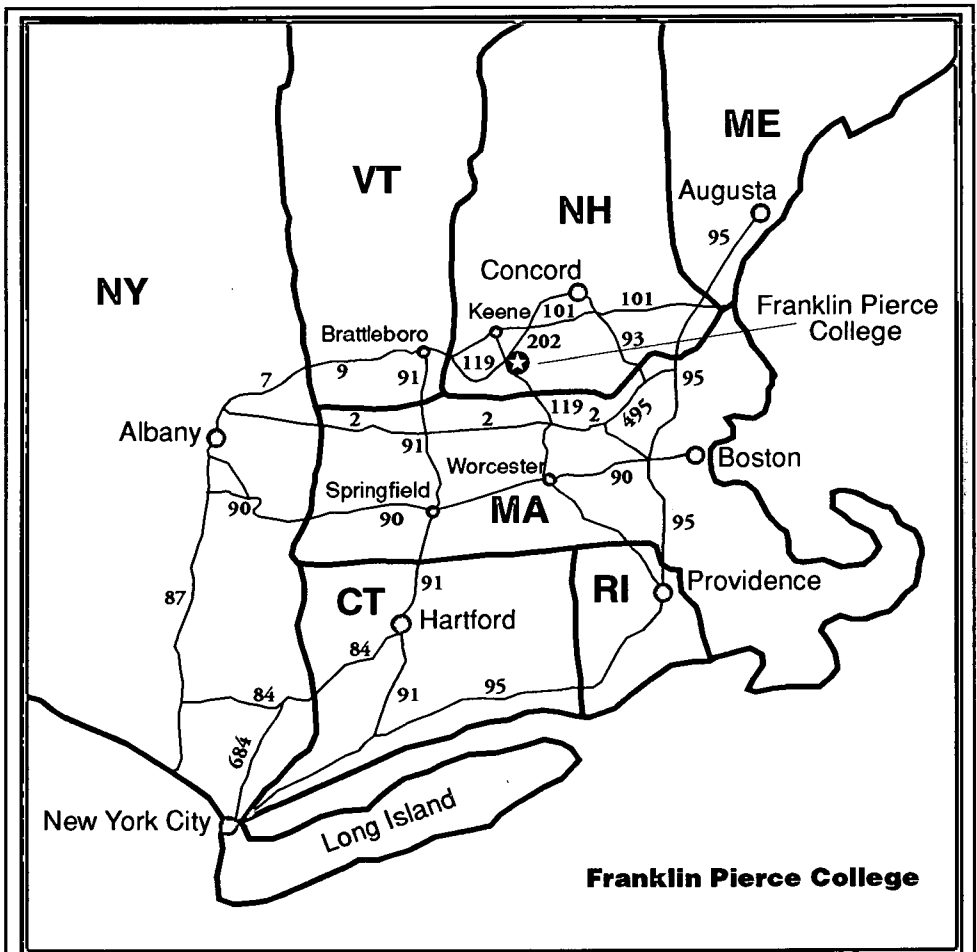
To the best of my knowledge, the information I have provided on this application is accurate, and I understand that by applying for admission I am giving Franklin Pierce College the right to inquire into those matters pertinent to this application. I further understand that all documents that are a part of my admission file will be retained by Franklin Pierce College in accordance with current requirements of the Student Privacy Act.

WE CANNOT OBTAIN TRANSCRIPTS OF PREVIOUS COLLEGE LEVEL COURSES. TRANSFER APPLICANTS MUST HAVE ALL TRANSCRIPTS OF PREVIOUS COLLEGE WORK SENT TO US.

Signature of Applicant Date

*Students and families are entitled to the complete services of the Admission and Financial Aid Offices at no charge. We are pleased to be able to provide you with these services and would welcome your using the funds reserved for the application fee to help reduce your cost of visiting our campus.

Franklin Pierce College does not discriminate on the basis of race, color, disability, national or ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other College-administered programs.



Travel Directions to Franklin Pierce College

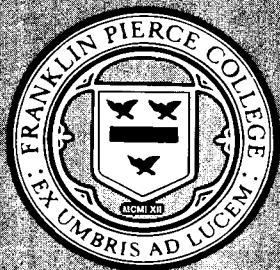
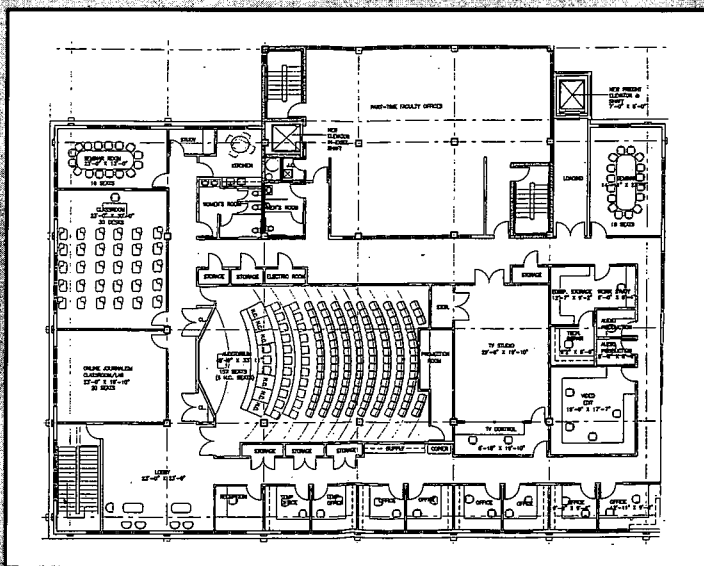
Franklin Pierce College is located just off Route 119 in West Rindge, New Hampshire. From I-91, exit at Brattleboro, Vermont (Exit 3) and come by way of Routes 9 East, 12 South, and 119 East to the College. From I-495, exit at Littleton, Massachusetts Common and use Route 119 West to the College. Driving time from New York City is 4 - 1/2 hours; from Boston, 1 - 1/2; and from Keene, New Hampshire, 25 minutes.

The Marlin Fitzwater Center For Communication



The Marlin Fitzwater Center for Communication is scheduled for completion in the fall of the 2001 academic year.

The Center will be central to the Franklin Pierce campus and thoroughly integrated with the technology resources essential in this age of information.



Franklin Pierce College
College Rd. PO Box 60
Rindge, New Hampshire 03461
For Admission and Financial Aid information
call toll free: 1-800-437-0048
or 603-899-4050 • fax: 603-899-4394
or visit our web site at www.fpc.edu