

Franklin Pierce

OF NEW HAMPSHIRE

ACADEMIC CATALOGUE

2005-2006

Academic Calendar 2005-2006*

Fall Semester 2005

Residence Halls Open/New Students Arrive	Saturday, September 3
Orientation for New Students	Sat.-Mon., September 3-5
Returning Students Arrive	Sunday, September 4
Registration for Returning Students	Sunday, September 4
Registration for New Students	Monday, September 5
Classes Begin	Tuesday, September 6
Family Weekend	Fri.-Sun., Sept. 30-Oct. 2
Alumni and Reunion Weekend	Fri.-Sun., October 14-16
Fall Break Day	Monday, October 10
Tuesday Classes Follow Monday's Schedule	Tuesday, October 11
Admissions Open House	Saturday, November 12
Last Day of Classes Before Thanksgiving Break	Tuesday, November 22
Residence Halls Re-Open	Sunday, November 27
Classes Resume	Monday, November 28
Last Day of Classes	Thursday, December 15
Reading Day (end of classes until 7pm the next day)	Thurs.-Fri., Dec. 15-16 @ 7pm
Final Examinations (Begin Friday at 7pm)	Fri.-Tues., December 16-20
Residence Halls Close / Winter Break Begins	Tuesday, December 20

Spring Semester 2006

Orientation for New Students	Monday, January 16
Residence Halls Open for Returning Students	Tuesday, January 17
Registration for New and Returning Students	Tuesday, January 17
Classes Begin	Wednesday, January 18
Presidents' Holiday	Monday, February 20
Last Day of Classes Before Spring Break	Friday, March 17
Residence Halls Re-Open	Sunday, March 26
Classes Resume	Monday, March 27
Admissions Open House	Saturday, April 22
Awards Convocation	Wednesday, May 3
Last Day of Classes	Wednesday, May 3
Reading Day (end of classes until 7pm the next day)	Wed.-Thurs., May 3-4 @ 7pm
Final Examinations (begins Thursday at 7pm)	Thurs.-Tues., May 4-9
Senior Breakfast	Friday, May 12
Baccalaureate Program	Friday, May 12
Commencement	Saturday, May 13

Summer Sessions

Summer Session I Begins	Tuesday, May 30
Summer Session I Ends	Friday, June 23
Summer Session II Begins	Monday, June 26
Summer Session II Ends	Friday, July 21

* 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, in recognition of its obligations under Title VII of the Civil Rights Act of 1964, as amended, Title VI of the Civil Rights Act of 1984, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADA), and the Age Discrimination Act (ADEA), has established the following policy on non-discrimination:

Franklin Pierce College does not discriminate on the basis of sex, race, color, religion, age, disability, national or ethnic origin sexual orientation, marital status or other legally protected classification in hiring, promotion and terms and conditions of employment and/or in the administration of its educational policies, admissions policies, scholarship or loan programs, and/or athletic and other College-administered programs or activities.

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

20 College Road, Rindge, New Hampshire 03461

Phone Number: 1-800-437-0048 or 1-603-899-4000

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

A Message from the President

Welcome to Franklin Pierce College. We are a community which draws richly upon the ideals of academic tradition and innovation. It is precisely the combination of these powerful elements, in balance, which provide the liberal arts with enduring relevance, and our twenty-one majors with vitality. We invite you to explore a world that will engage your senses, challenge your thoughts, and stimulate a love of lifelong learning. Our Trustees, faculty, and staff offer you an academic home that will allow you to "make a place for yourself" with confidence.



I believe that Franklin Pierce College has experienced record enrollment while simultaneously strengthening our student profile and attracting a more diversified national and international audience, because we are unafraid to state the kind of institution we are, the nature and importance of the work we do, and the goals we hold dear.

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

Our purpose in this educational enterprise is to prepare citizens and leaders of conscience for a new century, regardless of whether our graduates' aspirations are global or local. We understand this to be the paramount charge and singular responsibility of the College.

Franklin Pierce College commits its energies and resources to creating an academic home in the truest sense. Our curricular theme of *Individual and Community* serves as the foundation from which the College educates students representing a rich diversity of backgrounds. Through the admissions process, we seek and admit students who are committed to advancing their lives, and the lives of others, through hard work, high standards, and community service.

Our identity and the mission which animates it have a special influence on an ever-growing population of lifelong learners through the College's Division of Graduate and Professional Studies.

I encourage you to discover more about our college of "great expectations" and to participate fully in the academic opportunities that abound here.

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

Since his appointment as President of Franklin Pierce College in May of 1995, George J. Hagerty has succeeded in realizing his vision for a superior liberal arts college and a community of "great expectations." His broad experience in higher education, government, and business have provided a foundation from which he has guided and collaboratively transformed the College, securing its reputation for excellence.

Dr. Hagerty began his career as an official in the U.S. Department of Education, culminating in his appointment as Chief of Compliance and Enforcement in the Office of Special Education Programs. He later returned to his alma maters, Stonehill College and Harvard University, as a faculty member and administrator. While at Stonehill, Dr. Hagerty also served as the College's Director of Academic Development and subsequently as Director of Corporate, Foundation and Government Relations.

Prior to accepting the presidency of Franklin Pierce College, he served as Corporate Vice President of TCI/Taylor, Hagerty and Associates, a legislative consulting firm based in Washington, D.C. He was also a principal in Paragon Systems, Inc., an organization addressing national issues in health, education, and related social service fields.

In his role as president, Dr. Hagerty has effectively guided the convergence of two powerful forces resident on each of Franklin Pierce's seven campuses: tradition and innovation. These elements have been successfully balanced to create a community that honors its accomplishments as it eagerly seeks new horizons.

As the recipient of the 1997 Templeton Award for Character-Building Colleges, Franklin Pierce has tenaciously pursued the highest goal and responsibility of a liberal arts community: the preparation of citizens and leaders of conscience. In the seven years since that award, Dr. Hagerty has focused the energies of the College on several important undertakings:

Three academic Institutes, interdisciplinary by design, have been established to advance the "scholarship of engagement." The Monadnock Institute of Nature, Place and Culture, the New England Center for Civic Life, and the Center for Applied Public Opinion Research incorporate faculty-initiated programs that expand the College's mission of education and service to the larger community.

The inauguration of Franklin Pierce's first graduate programs: the Master of Business Administration in Leadership, the Master of Science in Information Technology Management, the Doctor of Physical Therapy, and the College's first on-line program, the Master of Science in Information Technology Management for Law Enforcement.

The successful completion of the College's first comprehensive Capital Campaign. This effort exceeded expectations and contributed to the creation of the Marlin Fitzwater Center for Communication, the renovation and upgrading of the DiPietro Library, and the strengthening of the College's scholarship endowment.

Dr. Hagerty is the author of numerous scholarly articles, book chapters and policy papers on education, finance, and a variety of social issues. He has served both Democratic and Republican Administrations as a commission member and counsel. Among his board appointments are Past Chair of the Board of Directors of the National Association of Independent Colleges and Universities (NAICU), and Past Chair of Division II Presidents' Council of the National Collegiate Athletic Association (NCAA), service on the Commission on Leadership and Institutional Effectiveness of the American Council on Education (ACE), The Board of Directors of the New England Council, and the Board of Trustees of Tuition Plan, Inc., the national prepaid tuition program for private colleges and universities. He also sits on the New Hampshire Postsecondary Education Commission, and serves as Chairman of the Board of the State's Political Library and Chairman of the New Hampshire College and University Council (NHCUC).

Mission Statement

Franklin Pierce College offers a student-centered higher education 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, *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, the Division of Graduate and Professional Studies serves those throughout New Hampshire 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 Rindge, New Hampshire. There are approximately 1600 students enrolled at the main campus in Rindge, which is situated on more than 1,200 acres of woodland, fields, and waterfront, near the base of Mt. Monadnock. The College has satellite campuses in Concord, Keene, Lebanon, Manchester, Portsmouth, and Nashua, New Hampshire.

Rindge Campus

The physical facilities of the main campus include two modern classroom buildings (including a laboratory facility), a newly-renovated library, The Marlin Fitzwater Center for Communication, an amphitheater, an academic services center, a campus center, six residence halls, three apartment houses, four townhouse complexes, suites, an administrative services building, a field house, a boathouse, an air frame recreation complex and fitness center, a health center, a theatre, and administrative buildings.

Outdoor recreation on the College's 1,200 acres includes the Pearly Pond beach facility which is ideal for fishing, swimming and boating, and miles of trails for hiking, mountain biking and cross country skiing. The Monadnock Region's numerous lakes, streams, mountains and recreational facilities offer four-season enjoyment.

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 21 subject areas: Accounting-Finance, American Studies, Anthropology, Arts Management, Biology, Computer Information Technology, Criminal Justice, English, Environmental Science, Fine Arts, Graphic Communications, History, Management, Marketing, Mass Communication, Music, Political Science, Psychology, Social Work and Counseling, Sports and Recreation 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 158, 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 29 minor programs: Advertising, American Studies, Anthropology, Art History, Biology, Business Administration, Chemistry, Computer Applications, Computer Information Technology, 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, Sociology, Spanish, Sports and Recreation Management and Theatre Arts. 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:

Anthropology	Archaeology, Applied Anthropology, and Cultural Anthropology
Arts Management	Art History, Dance, Fine Arts, Graphic Communications, Mass Communication, Music, and Theatre
English	Creative Writing
Mass Communication	Media Production, Media Studies, and Journalism
Theatre Arts	Acting/Directing, Dance, Design/Technical

Teacher Certification

Undergraduate teacher certification programs are offered in Art Education, Elementary Education, Biology Education, English Education, and Social Science Education.

An M.Ed. degree and a graduate certificate program are offered for students who possess appropriate Bachelor's degrees in Elementary Education (grades K-8), Middle/Secondary English (grades 5-12), Middle/Secondary Social Studies (grades 5-12), Secondary Biology (grades 7-12), and Programs for Students with Disabilities which include K-12 certification in General Special Education, Learning Disabilities (LD) and Emotional/Behavioral Disabilities (EBD).

Certification is not synonymous with "highly qualified." For this reason, the Education Department works closely with students to respond in a timely manner to changes in dictates from the federal government and the NH Dept. of Ed.

Activities

Campus activities include a variety of academic and special interest clubs such as the Campus Activities Board, Student Government Association, Pierce Arrow (newspaper), Raven (Yearbook), WFPC FM Radio Station, and twenty-five social clubs. Special events and bus trips are offered on weekends and there is a weekly movie series. Athletic programs meet the needs and interests of many 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 (GPS)

The Division is comprised of six campuses strategically located in Concord, Keene, Lebanon, Manchester, Nashua and Portsmouth, offering programs designed for the adult student. The Division offers accelerated degree programs for those students who wish to gain their Doctorate, Master's, 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 – 1200 Graduate – 275

Undergraduate Studies (GPS)

Offerings include a Bachelor of Arts Degree with majors in American Studies, Criminal Justice, and Human Services. A Bachelor of Science degree is offered in Accounting/Finance, Computer Information Technology, General Studies, Management, and Marketing. An Associates of Arts degree is offered in Accounting, Computer Science, Criminal Justice, Financial Management, General Studies, Human Services, Management, and Marketing. 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 (GPS)

The Graduate Studies Program offers a Master of Business Administration in Leadership, an MBA in Human Resource Management, an MBA in New Business Development, an MBA in Health Practice Management, a Master of Science in Information Technology Management (MSITM), a Master of Science in Information Technology Management in Law Enforcement, (MSITMLE), a Master in Education and a Doctor of Physical Therapy (DPT). The MSITM for Law Enforcement is only available in the online format. The DPT is designed as a traditional day program and is focused primarily at our Concord campus. Graduate Studies also offer Teacher Certification and certificates in Human Resource Management, eCommerce, Health Practice Management and Emerging Technologies Management.

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 offered in GPS include: Accounting, Financial Management, Graphic Design, Human Services, Information Technology, Management, Marketing, Women in Leadership, Paralegal and Teacher Certification, and 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. At the Rindge campus, certificate programs are offered in Global Citizenship and Women in Leadership.

Advanced Standing

Transfer from Other Accredited Institutions

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

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.

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. The portfolio must be submitted within the first 12 months of a student's enrollment at the College. Students should contact the Registrar for information about application procedures. (See page 172 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 Counseling, National Association of College and University Business Officers, National Association of Student Personnel Administrators, National Collegiate Athletic Association, Northeast 10 Conference and New Hampshire College and University Council.

Study Abroad

As reflected in its mission of preparing students for active roles in a democratic society, Franklin Pierce College supports learning in settings outside of the classroom and in international programs of study. By pursuing studies in a foreign country for a year, semester or summer, students gain enriching cultural experience and a broader perspective on the world. The College recognizes the value of such study as a part of a liberal arts education. Recent years at Franklin Pierce College have seen a growing interest in opportunities for academic programs abroad and international studies on campus. The creation of the Global Citizenship Certificate program (p. 86), and development of FPC's own program in Vienna, Austria (see description below) are two significant additions to FPC's curriculum that give students the chance to engage in studies with a global focus. In addition to its own programs abroad, Franklin Pierce College has formed affiliations with a variety of institutions that allow students from any academic discipline to fulfill their program requirements while studying at an affiliated university or program abroad. Over the past two years, students have taken part in programs in Italy, Costa Rica, Australia, New Zealand, France, Spain, England and Ireland. Most study abroad programs are open to students in good standing who have completed two semesters of study at Franklin Pierce College, and who meet the GPA and other requirements

of the program. Students should discuss planning for a study abroad program with their academic advisor and contact the Study Abroad Office to get information on programs that are approved by the College.

The Franklin Pierce College Vienna Program

Study in Vienna is available to students as a semester and winter session program. Students live and study at the Theresianum Academy, in the heart of beautiful Vienna, Austria. The program offers a full semester of Franklin Pierce College credits and is designed to take advantage of the historic and artistic heritage of this city. There are numerous excursions to sites within Vienna, and students are encouraged to pursue independent projects that further connect them with the people, art and business organizations of Vienna. Weekend trips outside of Austria may include Paris, Belgrade, Berlin, Prague, Florence and are designed to complement and enrich the curriculum. Fall semester courses to be offered include Twentieth Century, Experiencing the Arts, Reason and Romanticism, German language, and an independent study. The spring semester program in Vienna is linked to the FPC Global Citizenship Certificate program, and includes courses in Anthropology and Business, as well as an independent study in either Anthropology or Business. All of the courses satisfy requirements for the Global Citizenship Certificate program.

Walk in Europe

The Walk in Europe is a project unique to Franklin Pierce College and has been part of the curriculum since 1969. Typically, 25-40 students participate in the semester-long project, a long-distance walk through several European countries. The result is an experience in practical learning that challenges students on many levels and demands their best ideas, strengths and talents. The Walk is structured to facilitate engagement with Europeans and their cultures, among group members, and with the land itself. 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. For information on specific prerequisites and deadlines, contact Douglas Ley (603.899.4027 or leyda@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 twenty-first 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, 38-credit general education curriculum. Most of its courses are interdisciplinary and some are team-taught. All emphasize 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 100-109).

Freshman Year

Fall

- IC101 Individual & Community (3)
- IC105 College Writing I (3)
- IC110 Integrated Science I (4) *or*

Spring

- IC106 College Writing II (3)
- IC111 Integrated Science II (4)

BI101, 102 Biology I & II (8), *or*
 BI101 Biology I and AN102 Human Origins (8) *or*
 CH101, 102 General Chemistry I & II (8), *or*
 GL101, 102 Geology I & II, *or*
 PH101, 102 General Physics I & II

Sophomore Year

IC205	Experiencing the Arts (3) <i>or</i>	IC201	Foundations of Mathematics (3)*
IC206	Music in Our World (3)	IC212	The Challenge of Business in Society (3)
IC210	The American Experience (3)	IC260	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.

MT151 Algebra I (3)
 MT221 Calculus I (4)
 MT321 Calculus III (4)

See pages 124-125 for further information on the above courses.

Junior Year

Fall

IC305 Science of Society (3)

IC310 Ancient & Medieval Worlds (3) -or- IC360 Reason & Romanticism (3)

Spring

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.

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 beyond the freshman year. For further information regarding the Honors Program, contact Dean Paul Kotila at 603.899.4303 or kotilapm@fpc.edu.

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 focused academic training will also help students think critically and solve problems efficiently. Additionally, because the choice of a major influences many decisions within a student's academic career, students are required to declare their major prior to pre-registering for classes for the junior year. Choice of a major is an impor-

tant 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 page 4 for a complete list of majors and pages 18-170 for descriptions of them). Students also have the option of designing their own interdisciplinary major (see Student-designed major, page 158). All majors must be completed in conjunction with the 38-credit Individual and Community Integrated Curriculum. (See Liberal Education Requirements, page 100.)

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 in-depth exploration 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.

TeaCH Goals of the Student Experience at Franklin Pierce College

The acronym “TeaCH” is taken from the first letter of each goal category. It was selected not only to provide a convenient means of remembering the goals, but also because it exemplifies an important and central focus of the student experience here at Franklin Pierce College—we are, at our heart, a teaching institution that prides itself on the quality of its faculty and its instruction. The theme of *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:

1. Tolerance & Community

Students who graduate will be able to articulate their own attitudes and values and recognize the persistent tensions between self and community; demonstrate understanding and respect for views and cultures differing from their own by working collaboratively and participating in community affairs.

2. Content Literacy and Integration with Critical Analysis

Students who graduate will be effective writers and speakers, combine a mastery of pertinent mathematics with knowledge of the methods and aims of modern science, and be adept at using modern information resources. Students should have a substantive understanding of the way artistic expression, historical, natural and cultural contexts in a global setting shape and enrich our communities and our individual lives. Students should become active participants and leaders in their communities, with a developed sense of ethics that encourages civility, tolerance for differences, and a commitment to a life of collaborative work and learning.

3. Holistic Preparation for Leadership and Lifelong Learning

Students who graduate will be able to seek and apply knowledge in a holistic manner for the rest of their lives and to serve as responsible citizens and leaders in local, regional and global communities.

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: Chester College, Colby-Sawyer College, New London; Daniel Webster College, Nashua; Dartmouth College, Hanover; Franklin Pierce College, Rindge; Keene State College, Keene; New England College, Henniker; Plymouth State University, Plymouth; Rivier College, Nashua; St. Anselm College, Manchester; the School for Lifelong Learning; Southern New Hampshire University, Manchester; and the University of New Hampshire, Durham.

Marlin Fitzwater Center for Communication

To prepare students for the responsibilities of inspired leadership and service in the vibrant public discourse that is essential to the health of our nation's democracy, the Fitzwater Center provides students with unparalleled opportunities. The Center also is a resource to external constituencies for the study of the relationship between the presidency and the media, and the role of that relationship in the public discourse.

The 12,000 square foot comprehensive, state-of-the-art communications facility allows students to master their craft, preparing them to enter a broad range of the communications job markets. The Fitzwater Center features the campus' student-run media entities: campus radio station (WFPC-LP), television station (WFPC-TV25), newspaper (Pierce Arrow), and promotion/marketing agency (Four Corners Group) – as well as a television studio, six video non-linear editing suites, an audio production editing suite, and an interactive journalism lab. For further information regarding the Marlin Fitzwater Center for Communication, contact Kristen Nevious, Director, at 603.899.1039 or neviousk@fpc.edu.

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 non-profit 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 Franklin Pierce College interns have worked in the White House, on Capitol Hill, in the office of a congressional lobbyist, for a private television news station, for a non-profit 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. For further information regarding the Washington Center, contact Dr. Frank Cohen, Political Science Department, at 603.899.4289 or cohenf@fpc.edu.

Community Scholarship Consortium

The Community Scholarship Consortium (CSC) is comprised of the Monadnock Institute of Nature, Place and Culture, the New England Center for Civic Life, the Center for Applied Public Opinion Research and the Frank DiPietro Library. The CSC was founded in 2001 with a National Leadership Grant from the Institute of Museum and Library Services to serve as a vital new point of connection for the community-based efforts of the College and the institutes. The CSC functions as both an administrative hub and a resource facility for the community, the College and the organizations that are its affiliates. In addition, the Consortium sponsors a number of joint initiatives based in public scholarship that bring together members from the various institutes, College faculty and staff, and community members.

Center for Applied Public Opinion Research

The Center for Applied Public Opinion Research (CAPOR) was established in 1998 to enable Franklin Pierce College students to take advantage of New Hampshire's unique position as first-in-the-nation presidential primary. Since that time, CAPOR has led Franklin Pierce College to national polling prominence—continuously being sought for comment by national and international media outlets.

In addition to experiencing the New Hampshire Primary at a grassroots level, students across campus have been able to administer surveys for every major elected office and pressing issue in the State of New Hampshire. CAPOR also conducts civic polls for municipalities and non-profit organizations to assist them in better identifying and serving the needs of their constituents. As CAPOR continues to grow, students will be able to gain additional experience in the design, construction and analysis of these important barometers of public opinion.

Monadnock Institute of Nature, Place, and Culture

Founded in 1996, and comprised of faculty and staff at Franklin Pierce College, with a board of advisors from across New England, the Monadnock Institute of Nature, Place and Culture at Franklin Pierce College seeks to foster the creation of a place-grounded existence for individuals and communities in the Monadnock Region of New Hampshire and beyond. Through research and interdisciplinary programs in education, community development, environmental stewardship, and regional heritage, the Monadnock Institute promotes intellectual understanding of and direct experience in the values 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. The goal of the Monadnock Institute is to help reawaken intellectual curiosity and renew the commitments between nature and culture, and people and their environment.

The principal activities of the Monadnock Institute include education, research, and community outreach. We sponsor workshops focused on interdisciplinary study of place for middle, high school and college teachers. In addition, we host conferences and symposia on place-related topics of regional and national significance, and conduct formal and informal research in place studies by collecting survey data and gathering regional stories for Web and print publication. For further information regarding the Monadnock Institute of Nature, Place, and Culture, contact Dr. John Harris, Director, at 603.899.4010 or harrisjr@fpc.edu.

New England Center for Civic Life

The New England Center for Civic Life is an academic institute dedicated to fostering and teaching the practices of deliberative democracy. Our mission is to help students develop a more effective public voice, communicate across differences, and cultivate the commitment, knowledge, and skills for active participation in public life. Engaging in deliberative

practices encourages students to become active producers of knowledge because they are put into situations that ask them to think critically, listen attentively, work collaboratively, value diversity, and publicly voice their ideas. Because explicit links are made between personal experiences and current ethical and social issues, many begin to see closer connections between their own lives and public life. We work collaboratively with communities, civic groups, and institutions of higher education to develop initiatives and provide resources needed to achieve these goals.

Through participating in courses and programming supported by the Center, students will have the opportunity to:

- Learn the theory and practices associated with deliberative democracy;
- Develop effective leadership, citizenship, and collaborative problem-solving skills;
- Enhance their capacity for critical thinking and effective communication;
- Create frameworks for constructive dialogue through researching and writing discussion guides on issues they have identified as important to them;
- Convene and moderate public forums on and off campus on a range of topics;
- Participate in workshops sponsored by the Center, including the Civic Scholar Program and the annual Moderator Training Institute.

For further information regarding the New England Center for Civic Life, contact us at 603.899.1150 or neccl@fpc.edu.

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. Students should be aware of the fact that some services are limited during the summer sessions: Health and Counseling Services are closed; Academic Services are limited; and social, cultural, and recreational activities are not planned.

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. For more information, contact: The University of New Hampshire, Air Force ROTC at (603) 862-1480 or www.unh.edu/afrotc, or Army ROTC at (603) 862-1078, or www.unh.edu/army-rotc.

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 use College resources.

Entering freshmen are assigned an academic advisor who is also their instructor for the required Individual and Community Freshman Seminar. 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 by the student 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 Freshman Seminar students with special academic decisions and concerns.

Academic Support Services

A variety of services are available at no cost to all Franklin Pierce College students. The Academic Services Center, located on the first floor of the library, is staffed by a team of professionals dedicated to assisting all students with their academic successes. For new students, the Center provides placement determinations for writing and mathematics courses and developmental courses for those needing additional instruction. For continuing students, the Center provides ongoing student-led small group tutoring for a variety of classes, individual assistance with reading and comprehension, and regular workshops on issues such as time and stress management, test-taking strategies, academic planning, reading loads, and research papers. Students who find themselves in academic difficulty will be referred to the Center to create a learning contract with the student and his or her academic advisor.

The Academic Services Center also assists students who qualify for academic accommodations with a range of services, from providing note-takers, to an alternative setting for tests, to advocacy skills instruction. All students are encouraged to stop by or call and make appointments for help to determine which services could be most helpful.

The Writing Center, located in Edgewood Hall, is operated in conjunction with the College Writing Program and is readily accessible to all students. Teachers and trained student tutors work one-on-one with students on a drop-in basis. Students are assisted in producing their best writing in a collaborative setting.

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 courses (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.

TR020 Speaking and Listening

3 credits

ESOL students practice patterns of formal and informal speech and improve pronunciation. Students study idioms and expressions in conversation, practice academic note-taking skills, and become active listeners and presenters of contemporary themes.

TR030 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.

TR040 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.

TR050 ESOL Lab

2 credits

ESOL students continue to develop the skills of listening and speaking. Students work on oral presentations, skits and outside projects on given themes, individually and in small groups.

TR060 Critical Writing

3 credits

ESOL students develop writing proficiency through focus on the essay. Approaches to be

explored include descriptive, narrative, persuasive, and compare/contrast styles. Students practice revising and editing through peer evaluation and discussion.

TR070 American Culture and Community

3 credits

ESOL students refine their skills in listening, speaking, reading, and writing as they explore American culture, literature, issues, and humor. Readings and students' own experiences and insights are used for discussion and written 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 Academic Accommodations, who can be reached in the Academic Services Center. In order to access academic accommodations, results of a psychoeducational evaluation administered within the last three years 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, 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 résumés and cover letters, applying to graduate school, job searching, interviewing and making the transition to the world of work.

Library

In support of its educational mission, the Franklin Pierce College Library provides a comfortable open stack environment for study and research. Open ninety hours a week during the academic year, the Library offers a variety of services including reference guidance, web resources, individual and group study rooms, network ports, and interlibrary loan. To develop students' proficiency in the use of information resources, formal library instruction is integrated into the College's core curriculum and is delivered in a wireless laptop lab environment. Library faculty provide program-specific instruction sessions and one-on-one assistance.

The 135,653 volume collection includes books, periodicals, audio and video cassettes, DVDs, CDs, microform, slides and software. Over thirty licensed web-based databases, including EbscoHost and Lexis-Nexis, provide full-text access to more than 19,413 periodicals, thus extending the physical collection. Through the College's membership in the New Hampshire College and University Council, students are accorded borrowing privileges at eleven other college libraries throughout the state of New Hampshire. The online catalog and other library resources and services are available on the web at <http://library.fpc.edu>.

The Franklin Pierce Student Computer Network

The Franklin Pierce College student network links all the computers on campus to shared resources and Internet access. The student network connects to the Internet by way of four T-1 lines for high-speed connectivity. All computer labs and residence hall rooms have ac-

cess to the Franklin Pierce College student network, allowing students to access the World Wide Web, email, research material, and recreational activities. Each student has access to an individual network folder and email address.

Computer Labs

There are four computer labs located at the Rindge campus, including one Macintosh graphics lab and three PC labs. There are also seven additional computer labs on the Graduate and Professional Studies campuses. The software installed in the PC labs includes Windows, Visual Studio Suite, Office, and specific classroom studies software. All PCs in the labs have access to shared network printers.

Pre-Health Program: Dentistry, Medicine, Physical Therapy, 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 Biology faculty orients individual students to the general requirements for admission to medical schools.

The Pre-Physical Therapy program at Franklin Pierce College prepares graduates for admission to a masters/doctoral program in physical therapy. In order for students to be considered for the Franklin Pierce College Doctorate in Physical Therapy program a minimum grade-point average of 3.0 must be achieved for the following prerequisite courses:

Human Anatomy & Physiology I & II

One course in Calculus *or*

Algebra and Trigonometry II

One course in Statistics

Chemistry I & II

Two courses in Psychology

Physics I & II

Basic computer literacy including file management, word processing and spreadsheet programs are also necessary for the program.

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

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 "pre-medical" or "pre-dental" by the end of the junior year. Those courses are:

Biology I & II

Algebra and Trigonometry I & II *or*

Calculus I & II

Chemistry I & II

Organic Chemistry I & II

Physics I & II

Additional information is available from the Natural Sciences Division at 603.899.4250.

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 (603.899.4157).

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: 1,620 (Fall, 2004)

Geographical Distribution: 32 states, 11 countries (Fall, 2003)

Degrees: 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-Finance

Advertising

American Studies

Anthropology

Archaeology

Arts Management

Biology

Business Administration

Computer Information

Technology

Creative Writing

Criminal Justice

Dance

Drama

Economic Theory

Education: elementary,
secondary, and art

English

Environmental Science

Fine Arts

Global Citizenship Certificate

Graphic Communications

History

Journalism

Management

Marketing

Mass Communication

Mathematics

Media Studies

Music

Political Science

Pre-Health

Pre-Law

Pre-Physical Therapy

Psychology

Social Work and Counseling

Sociology

Sports and Recreation

Management

Theatre Arts

Women in Leadership

Certificate

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, physical therapy, veterinary medicine, law

Study Abroad Program: Australia, Austria, England, Ireland, New Zealand, Serbia-Montenegro, and 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: 130,000 volumes, 13,500 print and electronic periodical titles

Cost: Yearly tuition and fees (including room and board) 2005-2006 – \$31,700

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 in 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, Manchester, Nashua, and Portsmouth)

Courses of Instruction

Accounting–Finance (AC–FM)

PROFESSORS: Benjamin G. Gardiner, Frederick J. Walsh

ASSOCIATE PROFESSOR: Bryan O'Neil

A Bachelor of Science degree is offered in Accounting-Finance.

A major is offered in Accounting–Finance. A minor is offered in either Accounting or Finance to students majoring in one of the other areas within the Division of Business Administration.

The major in Accounting–Finance combines a basic liberal arts education with a strong preparation for a career in either accounting or finance. 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–finance fields.

Major Requirements

In addition to the Individual and Community Integrated Curriculum (page 100) 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–Finance major requirements:

Accounting Track

AC102 Principles of Accounting II
AC213 Intermediate Accounting I
AC214 Intermediate Accounting II
AC314 Cost Accounting I
AC323 Auditing
AC354 Individual Income Taxes
AC474 Advanced Accounting I
FM423 Investment Analysis

Finance Track

AC102 Principles of Accounting II
ET102 Principles of Economics II
ET223 Money and Banking
FM311 Managerial Finance
FM257 Real Estate Investments
FM454 Problems in Finance
FM423 Investment Analysis

Division of Business Administration core courses applicable to major:

AC101 Principles of Accounting I

FM224 Principles of Financial Management

Divisional Honors

An Honors candidate for any major in the Business Division must have a 3.0 cumulative grade point average and a 3.25 grade point average in all major courses with no grade lower than a C-. A High Honors candidate for any major in the Business Division must have a 3.0 cumulative grade point average and a 3.5 grade point average in all major courses with no grade lower than a C-. Candidates for Honors/High Honors must have completed an advanced internship or a Senior Independent Project that includes either a thesis, business plan, or a significant research project in their major area.

Minor Requirements—Accounting

In addition to the Division of Business Administration core requirements:

AC102 Principles of Accounting II
AC213, 214 Intermediate Accounting I & II

Any two of the upper level Accounting courses and one upper level course from Management or Finance.

Minor Requirements—Finance

In addition to the Division of Business Administration core requirements:

FM257 Real Estate Investments

FM311 Managerial Finance

FM454 Problems in Finance

FM423 Investment Analysis

Any two upper-level Accounting or Finance courses.

Required for Graduation

120 semester hours, including the 38-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

IC101 Individual and Community
IC105 College Writing I
____ Laboratory Science I
AC101 Principles of Accounting I
____ Elective (CIT101 suggested)

Spring Semester

IC106 College Writing II
IC201 Foundations of Math
____ Laboratory Science II
AC102 Principles of Accounting II
____ Elective

Sophomore Year

Fall Semester

IC205 Experiencing the Arts*
IC210 American Experience
IC212 Challenge of Business in Society**
AC213 Intermediate Accounting I†
ET223 Money and Banking ‡
ET101 Principles of Economics I
MN201 Principles of Management

Spring Semester

IC206 Music in Our World*
IC260 Twentieth Century
AC214 Intermediate Accounting II†
FM257 Real Estate Investments‡
FM224 Principles of Financial Management
____ Elective
____ Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305 Science of Society *
IC310 Ancient & Medieval Worlds**
BA258 The Legal & Social Environment
of Business
AC314 Cost Accounting†
FM311 Managerial Finance‡
____ Elective
____ Elective (if IC310 not selected)

Spring Semester

IC360 Reason & Romanticism**
MT260 Statistics
AC323 Auditing Theory†
____ Elective‡
AC354 Individual Income Taxes†
____ Elective (if IC360 not selected)

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

AC474 Advanced Accounting†
IB364 The Global Economy
AC-FM391 Internship*
____ Elective
FM423 Investment Analysis
____ Elective
____ Senior Capstone

Spring Semester

BA471 Senior Business Seminar
AC-FM495 Senior Independent
Project*
FM454 Problems in Finance‡
____ Elective
____ Elective

* Only one of these courses is required † Accounting Track ‡ Finance Track

Accounting–Finance Curriculum

AC101 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)

AC102 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: AC101. (Required for Accounting Majors)*

AC213 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: AC102.*

AC214 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: AC213.*

AC314 Cost Accounting I**3 credits**

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: AC102.*

AC315 Cost Accounting II (offered only as a directed study)**3 credits**

Builds on the knowledge gained in Cost Accounting I, 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: AC314 or permission of instructor.*

AC323 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: AC214 or permission of instructor.*

AC324 Audit Ethics and Practice (offered only as a directed study)**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: AC323.*

AC354 Individual Income Taxes**3 credits**

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.*

AC355 Taxation of Partnerships and Corporations (offered only as a directed study)**3 credits**

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: AC354 or permission of instructor.*

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.

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.

FM311 Managerial Finance**3 credits**

Financial policies and problems of modern business enterprise including new business promotion, expansion financing, failure and reorganization, mergers, types of securities, and government regulations. *Prerequisites: AC101, ET101.*

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: FM224 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.*

AC390 Internship in Accounting**2–3 credits****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. This internship must be completed before the commencement of the student's senior year, unless otherwise approved by the Division Chair. *Prerequisites: AC102, ET102, MN201, MK201, Junior class standing, a CGPA of at least 2.9 and permission of Division Chair.*

AC391 Internship in Accounting**2–3 credits****FM391 Internship in Financial Management****2–3 credits**

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 or 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 AC390 or FM390, may be taken. This internship must be completed before the commencement of the student's senior year, unless otherwise approved by the Division Chair. *Prerequisite: AC390 or FM390.*

AC395 Advanced Internship**4 credits****FM395 Advanced Internship****4 credits**

The Advanced Internship follows the same guidelines as the 390 Internship. However, research criteria (applicable to each internship situation) provided by the Internship Advisor are also included for an additional 1 credit. Students who elect the Advanced Internship must also meet Divisional Honors requirements.

AC474 Advanced Accounting I**3 credits**

Required for all Accounting Majors. 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: AC214.*

AC475 Advanced Accounting II**3 credits**

Required for the Public Accounting Track of the Accounting Curriculum. Available as an elective to all Accounting Majors. Topics covered are: troubled debt restructuring, not-for-profit entities, partnerships and trusts. *Prerequisite: AC474.*

AC299, 399, 499 Independent Study in Accounting**2–3 credits each****FM299, 399, 499 Independent Study in Financial Management****2–3 credits each**

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 de-

signed 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.

AC495 Senior Independent Research Project **4 credits**
FM495 Senior Independent Research Project **4 credits**

The student will develop a project arranged with the assistance of the major advisor and the approval of the Chair of the Division of Business Administration. Projects include a thesis, business plan, or other significant research project. *Prerequisites: Senior class standing; declared major in the Division of Business Administration or permission of Division Chair.*

BA280, 380, 480 Small Business Advisory Groups **1 credit each**
Team projects that assist small businesses in southern New Hampshire in solving real business problems. Working with the Small Business Development Center (SBDC), a team of six students develop business plans, web sites, advertising campaigns, marketing strategies, financial analysis, or any other material that will help small businesses that are just starting up, or with their problems/opportunities. SBDC is a non-profit organization associated with the State of New Hampshire, the Small Business Administration and the University of New Hampshire.

Advertising (AD)

ASSOCIATE PROFESSOR: Kelly Kilcrease
ASSISTANT PROFESSOR: Jason Little
AFFILIATED FACULTY: Richard Block (Graphic Communications), Robert Diercks
(Graphic Communications), Richard Roth (Mass Communication)

A minor is offered in Advertising.

Minor Requirements

Award of the minor in Advertising requires successful completion of the following courses:

- | | | | |
|-------|-------------------------|-------|----------------------------------|
| MK201 | Principles of Marketing | GC201 | Graphic Design I |
| MK314 | Consumer Behavior | GC251 | Graphic Production |
| AD304 | Advertising | MC230 | Introduction to Media Production |

Advertising Curriculum

AD304 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: MK201.*
Spring

AD370 Advertising in America: A Cultural and Historical Perspective **3 credits**
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: IC210.*
As Needed

American Studies (AS)

COORDINATOR: Gerald T. Burns (English and American Studies)

AFFILIATED FACULTY: Douglas F. Challenger (Sociology), Frank Cohen (Political Science), Kelli A. Costa (Anthropology), Sarah T. Dangelantonio (English), Joan Dion (English), Joni Doherty (American Studies), Robert G. Goodby (Anthropology), John R. Harris (American Studies), Mary C. Kelly (History), Douglas A. Ley (History), Robin F. Marra (Political Science), Alana J. Mosley (Elementary Education), Debra S. Picchi (Anthropology), Allan Rachlin (Sociology), Donna Decker Reck (English), Paul E. Scharfenberger (Music), Phyllis S. Zrzavy (Mass Communication)

A Bachelor of Arts degree is offered in American Studies.

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, the 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 of a thematic concentration (e.g., American communities, popular culture, politics and justice, minority experience, 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 100), 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 of which must be AS101 Introduction to American Studies, 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 IC210, The American Experience, 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 disciplinary concentration would be achieved by taking one introductory course, the methods course, and three (of six) electives in the chosen field. In order to be certified as "highly qualified," in accordance with new state standards mandated by federal legislation, students will need to work closely with both their American Studies and Education advisors.

Introductory Courses

AS101 Introduction to American Studies

And any two of the following:

HS201, 202, 203, or 204 U.S. History

Surveys (any one of these)

MC100 Communication, Media and Society

PO201 U.S. Government

SO101 Introduction to Sociology

WL115 Introduction to Women's Studies

Methods Courses

Any one of the following:

SO218 or 219 Quantitative or

Qualitative Research Methods

MC301 Media Criticism

HS301 Historical Methods

EN210 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:

AS401 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 *thematic concentration* approved by the faculty advisor:

AD370	Advertising in America	HS313	U.S. Labor History
AN210	Contemporary Native America	HS314	Alien Nation: The History of American Immigration & Ethnicity
AN221	Prehistoric Indians of North America	HS319	History of New England
AN225	Women Around the World	HS320	African-American History
AN331	Violence and Aggression	HS323	Topics in American Cultural and Intellectual History
AN350	Prehistory of New England	HS341	American Women's History
AS103	Fielder's Choice: American Culture and Baseball	HS370	U.S. Foreign Relations to 1914
AS301	Place, Community, and American Culture	HS371	20th Century U.S. Foreign Policy
ED112	Foundations and Issues in Education	MC281	Understanding Film
ED260	Childhood and Adolescent Literature	MC341	Media and Culture
EN110	American Mosaic: Multicultural Literature in the U.S.	MC382	Women in Media Representation
EN342	19th Century American Novel	MK314	Consumer Behavior
EN343	American Short Story	MU212	Jazz History
EN344	American Poetry to 1900	MU213	Popular Musical Culture Since Bill Haley
EN351	20th Century American Poetry	PO312	American Political Thought
EN352	20th Century American Fiction	PO351	American Presidency
ES210	Evolution of Environmental Thought	PO352	Constitutional Law I
FA285	Modern Art	PO353	Constitutional Law II
HS111	Protest in America	WL115	Introduction to Women's Studies
HS112	Boomers to Yuppies: American Society Since 1945	RE302	Religion Facing Social Change
HS201, 202, 203, 204	U.S. History Surveys (a course or courses not taken to satisfy the introductory requirements)	SO205	Race and Ethnic Relations
		SO220	The Family
		SO320	U.S. Social Policy
		SO421	Poverty and Wealth
		TH343	Modern American Drama

Minor Requirements

AS101 Introduction to American Studies

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 3.33 in all courses that count toward major requirements, and who receive a grade of B+ or higher in the American Studies Senior Project Seminar. High Honors will be accorded those who attain a grade point average of at least 3.67 in all courses that count toward major requirements and a grade of A- or higher in the Senior Project Seminar.

Required for Graduation

120 semester hours, including the 38-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

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

Spring Semester

IC106	College Writing II
AS101	Introduction to American Studies
_____	Laboratory Science II
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
_____	Mathematics Requirement
AS__	Introductory Course
_____	Elective
_____	Elective

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
IC212	Challenge of Business in Society**
AS__	Introductory Course
AS__	Introductory Course
_____	Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
AS__	Methods Course
_____	Elective
_____	Elective

Spring Semester

IC360	Reason & Romanticism**
AS__	Elective
AS__	Elective
_____	Elective
_____	Elective

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
AS401	Senior Project Seminar
AS__	Elective
_____	Elective
_____	Elective

Spring Semester

AS__	Elective
_____	Elective
_____	Elective
_____	Elective
_____	Elective

AS101 Introduction to American Studies

3 credits

An Introduction to the characteristic subject matter, methods, and questions of the interdisciplinary field of American Studies. Individual versions of the course will explore a particular topic, problem or theme, through an interdisciplinary perspective and in relation to larger contours of American Experience.

AS103 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.

AS301 Place, Community, and American Culture

3 credits

An introduction to the natural and cultural history of a place—using the 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.

AS401 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.

AS490/491 Internship in American Studies

3 credits

Field experience in a learning situation for students who have demonstrated the ability to work independently and present themselves in a professional manner. Students may work with museums, research institutes, community groups, governmental organizations, nonprofit foundations, or other appropriate entities. Placement is arranged by a student in consultation with an American Studies advisor. *Prerequisites: Junior or Senior standing, cumulative 3.0 grade point average, and permission of instructor.*

Anthropology (AN)

PROFESSOR: Debra S. Picchi

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

A Bachelor of Arts degree is offered in Anthropology.

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, Applied Anthropology, or Cultural Anthropology. 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.

Students who intend to teach Anthropology (Social Science) in high school should refer to page 67 for information on the secondary teacher certification program.

Major Requirements

In addition to the Individual and Community Curriculum, (page 100), students must complete sections I through IV listed below.

I Basic Course Work

AN101 Introduction to Cultural Anthropology

- AN102 Human Origins
- AN113 Introduction to Archaeology
- AN201 Introduction to Applied Anthropology
- AN482 Anthropology Theory and Ethics

II A Methodology Course (one of two)

- AN218 Quantitative Research Methods *or*
- AN219 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.

- AN495 Internship
- AN213 Field Archaeology or AN232 Field Experience in Anthropology or Cultural/Archaeological field experience from another college.

IV Elective Course Work: seven of the courses listed below - three from the 100-200 list and four from the 300-400 list.

100-200 Level Courses

- AN105 Culture Through Film
- AN210 Contemporary Native America
- AN216 Human Sexuality
- AN217 Archaeology of the Unknown
- AN220 Global Problems
- AN221 North American Archaeology
- AN225 Women Around the World
- AN230 Celtic Europe
- AN252 World Archaeology

300-400 Level Courses

Cultural Anthropology Courses

- AN311 Museum Studies
- AN320 Sex, Gender, and Archaeology
- AN331 Violence and Aggression
- AN350 The Archaeology of
New England
- AN412 Peoples and Cultures of Europe
- AN424 Advanced Archaeological Lab

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 for the minor include a minimum of five courses, including either AN101, AN201 or AN113 and at least one course at the 300 level or above.

Required for Graduation:

120 semester hours, including the 38-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

- IC101 Individual and Community
- BI101 Biology I
- IC105 College Writing I
- AN101 or AN113 Introductory Course
- AN201 Intro. to Applied Anthropology

Spring Semester

- IC106 College Writing II
- AN102 Human Origins
- AN___ Anthro. Elective 1 (100-200 level)
- _____ Elective
- _____ Elective

Sophomore Year

Fall Semester

- IC205 Experiencing the Arts*
- IC210 American Experience
- IC212 Challenge of Business in Society**
- AN101 or AN113 Introductory Course
- AN218 or AN219 Methodology Req.
- AN___ Anthro. Elective 2 (100-200 level)

Spring Semester

- IC206 Music in Our World*
- IC260 Twentieth Century
- _____ Math Requirement
- IC260 Twentieth Century
- AN___ Anthro. Elective 3 (100-200 level)
- _____ Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
AN ____	Anthro. Elective 4 (300-400 level)
_____	Elective
_____	Elective

Spring Semester

IC360	Reason & Romanticism**
AN ____	Anthro. Elective 5 (300-400 level)
_____	Elective
_____	Elective
_____	Elective

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
AN ____	Anthro. Elective 6 (300-400 level)
AN400	Readings in Anthropology
AN482	Anthropology Theory & Ethics†
_____	Elective

Spring Semester

AN ____	Anthro. Elective 7 (300-400 level)
AN499	Independent Study <i>or</i>
AN490	Senior Thesis (if Honors Student)
_____	Elective
_____	Elective
_____	Elective

† This course is offered every other fall in odd years.

Anthropology Curriculum

AN101 Introduction to Cultural 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.

AN102 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.

AN105 Culture Through Film

3 credits

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, multi-culturalism, and discourse.

AN113 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.

AN201 Introduction to Applied Anthropology

3 credits

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.

AN210 Contemporary Native America

3 credits

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. Will discuss issues such as spirituality, social issues, government relations, Native art, and education.

AN211 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

AN213 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—even years, option for required practicum

AN214 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—even years, option for required practicum

AN216 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.*

AN217 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.

AN218 Quantitative Research Methods

3 credits

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: AN101 or SO101.*

AN219 Qualitative Research Methods

3 credits

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 or SO101.*

AN220 Global Problems

3 credits

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

AN221 North American Archaeology

3 credits

Surveys historical and contemporary Native American origins and adaptations. The Indian's position in American society is reviewed. *Prerequisite: AN113 or permission of instructor.*

AN225 Women Around the World

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.

AN230 Celtic Europe

3 credits

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.

AN232 Field Experience in Anthropology **3 credits**

An opportunity to carry out anthropological fieldwork in settings either on or outside of the campus of Franklin Pierce College. The Field Experience in Anthropology will engage students in a dynamic experiential learning environment normally unavailable to them at the undergraduate level.

Summer—odd years, option for required practicum

AN252 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/BI260 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: BI102.*

AN302 Sex, Gender, and Archaeology **3 credits**

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. *Prerequisite: AN113, WS115, or permission of instructor.*

AN311 Museum Studies **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. *Course fee.*

AN/BI312 Vertebrate Zoology (laboratory) **4 credits**

The vertebrates, with consideration of classification, adaptive radiation, functional morphology, and natural history of each class. Laboratory work will stress identification and field studies of local vertebrate fauna. *Prerequisite: BI102.*

AN331 Violence and Aggression **3 credits**

Investigates theories that account for violence. Biological and cultural factors which affect how aggression is expressed. Anger management. *Prerequisite: AN101, PS101, or SO101.*

AN350 The Archaeology of New England **3 credits**

Surveys the archaeological record of 11,000 years of Native American occupation in New England. Students will develop a familiarity with material culture, the technical literature and the complexity of Native societies. *Prerequisite: AN113 or permission of instructor.*

AN400 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.*

AN412 Peoples and Cultures of Europe **3 credits**

Draws on anthropological research in Europe to examine the ways in which European societies have managed to preserve much that is unique even as they adapt to new circumstances. We will read several ethnographic accounts of European culture as we attempt to define social contours of greater Europe. *Prerequisite: AN101, AN113, AN230 or permission of instructor.*

AN413-414 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/BI420 Evolution Seminar**1 credit**

Examines the factual, historical, and philosophical basis of modern evolutionary theory using recent articles and publications. *Prerequisite: Junior or Senior standing in Biology or Anthropology, or permission of instructor.*

AN424 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: AN113 or permission of instructor.*

AN482 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.*

AN490 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. *Prerequisites: AN 400 and Senior Honors in the Anthropology major.*

AN495–497 Senior Internship in Anthropology**3–15 credits each**

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.*

Option for required practicum.

AN299, 399, 499 Independent Study in Anthropology**3 credits each**

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)

ASSOCIATE PROFESSOR: Kelly Kilcrease

ASSISTANT PROFESSOR: Jason Little

AFFILIATED FACULTY: Richard Block (Graphic Communications), Katherine Coker-Cronin (Fine Arts), Loretann Devlin-Gascard (Art History), Wendy Dwyer (Dance), William Jenisch (Fine Arts), Robert Lawson (Theatre Arts), David MacAllister (Fine Arts), Paul Scharfenberger (Music), Nancy Stone (Theatre Arts), Phyllis Zrzavy (Mass Communication)

A Bachelor of Science degree is offered in Arts Management.

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 100) and required courses in a chosen Arts Management concentration, 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.

AC101	Principles of Accounting I	AM390	Internship in Arts Management <i>or</i>
ET101	Principles of Economics I	AM495	Senior Independent Project
MN201	Principles of Management	<i>Choose one of the following:</i>	
MK201	Principles of Marketing	MN371	Small Business Management <i>or</i>
AM201	Principles of Arts Management	MN314	Human Resource Management <i>or</i>
BA213	Business Law I	AN311	Museum Studies <i>or</i>
AM301	Arts Management Seminar	MK350	Electronic Commerce
FM224	Principles of Financial Management		

Divisional Honors

An Honors candidate for any major in the Business Division must have a 3.0 cumulative grade point average and a 3.25 grade point average in all major courses with no grade lower than a C-. A High Honors candidate for any major in the Business Division must have a 3.0 cumulative grade point average and a 3.5 grade point average in all major courses with no grade lower than a C-. Candidates for Honors/High Honors must have completed an advanced internship or a Senior Independent Project that includes either a thesis, business plan, or a significant research project in their major area.

Required for Graduation

120 semester hours, including the 38-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 100-level courses are required for Art History concentration:

- FA180 Foundations of Art
- FA183 History of Art

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

- FA281 Oriental Art
- FA283 Greek and Roman Art
- FA286 19th & 20th Century Art

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

- FA380 History & Techniques of Art Criticism

Arts Management Concentration in Dance

- | | | | |
|-------|----------------------------------|-------|---------------------------------|
| TH132 | Dance Movement II | TH141 | Production Performance Dance I |
| TH205 | Dance Technique & Composition I | TH142 | Production Performance Dance II |
| TH215 | Dance Technique & Composition II | TH344 | Dance History |

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	TH305	Dance Technique & Composition III
TH137	Ballet I	ID241	Production Performance Musical
TH143	Production Performance Dance III		
TH144	Production Performance Dance IV		
TH151	Costume Design & Construction		

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

Three required courses:

FA101	Two-Dimensional Design
FA201	Drawing I
FA180	Foundations of Art <i>or</i>
FA183	History of Art

Two to four studio electives from the following:

FA102	Three-Dimensional Design
FA205	Oriental Brush Painting
FA211	Creative Photography I
FA221	Ceramics I
FA231	Painting I
FA241	Stained Glass I
FA251	Glassblowing I

One to three studio electives from the following:

FA302, 303, 304	Drawing II, III, IV
FA312, 313, 314	Creative Photography II, III, IV
FA322, 323, 324	Ceramics II, III, IV
FA332, 333, 334	Painting II, III, IV
FA342, 343, 344	Stained Glass II, III, IV
FA352, 353, 354	Glassblowing II, III, IV
FA261, 362	Sculpture I, II
GC261, 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:

FA101	Two-Dimensional Design
	<i>and either:</i>
FA102	Three-Dimensional Design <i>or</i>
FA201	Drawing I <i>or</i>
FA211	Creative Photography I

At least one Graphic Communications elective:

GC367	Commercial Photography
GC341	Illustration
GC227	Calligraphy
GC371	Computer Graphic Design I
GC472	Computer Graphic Design II

Four Graphic Communications courses:

GC201	Graphic Design I
GC302	Graphic Design II
GC321	Typography
GC251	Graphic Production

Arts Management Concentration in Mass Communication

I. Department Core

Mass Communication Concentration Core (12 credits)

MC100	Communication, Media & Society	MC301	Media Criticism
MC200	Rhetoric and Society	MC304	Media Law

II. Focus Area

Students concentrating in Mass Communication typically specialize in one of the following areas by completing course work in:

Journalism Focus Area (9 credits):

MC211	Journalism I
MC212	Broadcast Journalism
MC311	Advanced Broadcast Journalism

Media Production Focus (9 credits):

MC230	Introduction to Media Production
MC331	Single-Camera Production
MC332	Multi-Camera Production

Media Studies Focus Area (9 credits):

MC242	Principles of Media Literacy
MC341	Media and Culture
MC342	Mass Communication Theory

Arts Management Concentration in Music

- MU151 Theory of Music I
- MU152 Theory of Music II
- Three semesters of private instruction on the same instrument
- Three semesters of ensemble
- Three credits of music electives 200 level or higher

Choose one of the following sequences:

- MU201, 202 History of Western Music I and II or
- MU212, 213 Jazz History and Popular Musical Culture Since Bill Haley

Arts Management Concentration in Theatre

- | | |
|--|-----------------------|
| TH101 Introduction to the Theatre Arts | TH111 Stagecraft I or |
| TH272 Theatre History Survey | TH112 Stagecraft II |
| TH211 Techniques of Acting I | |

One Dramatic Literature course from the following:

- EN310 Shakespeare Comedies & History
- TH342 Modern European Drama
- TH343 Modern American Drama

One course from the following group:

- TH131 Dance Movement I
- TH251 Scenography (Scenic Design) I
- TH261 Lighting Design I
- TH151 Costume Design & Construction

Two production courses from the following:

- TH161 Production Performance I
- TH162 Production Performance II
- TH171 Production Design/Technical I
- TH172 Production Design/Technical II
- ID241 Musical Production I
- ID242 Musical Production II

Recommended Courses for General Electives

- | | |
|--|--|
| TH180 Public Speaking | AD 370 Advertising in America: A Cultural and Historical Perspective |
| CIT101 Introduction to Computers or other CIT Elective | AM 299, 399, 499 Independent Study in Arts Management |
| MT260 Statistics | IB 211 International Business Cultures |
| AD304 Advertising | _____ Courses from other Arts Management Concentrations |

Recommended Curriculum Guide

Freshman Year

- | | |
|----------------------------------|---------------------------------|
| <i>Fall Semester</i> | <i>Spring Semester</i> |
| IC101 Individual and Community | IC106 College Writing II |
| IC105 College Writing I | _____ Laboratory Science II |
| _____ Laboratory Science I | ET101 Principles of Economics I |
| AC101 Principles of Accounting I | MN201 Principles of Management |
| _____ Elective | _____ Elective |

Sophomore Year

- | | |
|--|-------------------------------|
| <i>Fall Semester</i> | <i>Spring Semester</i> |
| IC205 Experiencing the Arts* | IC206 Music in Our World* |
| IC210 American Experience | IC260 Twentieth Century |
| IC212 Challenge of Business in Society** | _____ Mathematics Requirement |
| MK201 Principles of Marketing | _____ Elective |
| AM201 Principles of Arts Management | _____ Elective |
| _____ Elective | _____ Elective |

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
FM224	Principles of Financial Management
BA213	Business Law I
_____	Elective

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason & Romanticism**
MN____	Elective or AN311 Museum Studies
AM301	Arts Management Seminar
_____	Elective
_____	Elective

** One of these two courses must be taken

Senior Year

Fall Semester

AM390	Internship in Arts Management**
_____	Elective
_____	Elective
_____	Elective
_____	Elective

Spring Semester

_____	Senior Capstone
_____	Elective
_____	Elective
_____	Elective
_____	Elective

**or AM495 Senior Independent Project

Arts Management Curriculum

AM201 Principles of Arts Management

3 credits

The study of non-profit and for-profit arts organizations including organizational structure, the board of trustees, marketing, fund-raising, human resources, planning and evaluation. The course also addresses major trends taking place in the field and career opportunities.

Fall

AM301 Arts Management Seminar

3 credits

Examines problems and issues that face arts administrators of theatres, music organizations, art centers, dance groups and other arts organizations. Special attention will be given to grant writing, financial planning, marketing research, and a service-based problem. Students will apply the principles and business tools necessary to make sound decisions for arts organizations. *Prerequisites: Junior class standing, business or related background courses, or permission of instructor.*

Spring, even years

AM390 Internship in Arts Management

3 credits

The opportunity to gain experience in the administration of non-profit 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 will be arranged with the assistance of a business division faculty member 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. This internship must be completed before the commencement of the student's senior year, unless otherwise approved by the Division Chair. *Prerequisites: AC101, AM 201, BA213, ET101, MK 201, MN201, Junior class standing, a CGPA of at least 2.0 and permission of Division Chair.*

AM395 Advanced Internship

4 credits

The Advanced Internship follows the same guidelines as the 390 Internship. However, research criteria (applicable to each internship situation) provided by the Internship Advisor are also included for an additional 1 credit. Students who elect the Advanced Internship must also meet Divisional Honors requirements.

AM495 Senior Independent Project

4 credits

The student will develop a project arranged with the assistance of the major advisor and the approval of the Chair of the Division of Business Administration. Projects include a thesis, business plan, or other significant research project. *Prerequisites: declared major in the Business-Division, Senior class standing and permission of Division Chair.*

AM299, 399, 499 Independent Study in Arts Management **2-3 credits each**
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.

BA280, 380, 480 Small Business Advisory Groups **1 credit each**
Team projects that assist small businesses in southern New Hampshire in solving real business problems. Working with the Small Business Development Center (SBDC), a team of six students develop business plans, web sites, advertising campaigns, marketing strategies, financial analysis, or any other material that will help small businesses that are just starting up, or with their problems/opportunities. SBDC is a non-profit organization associated with the State of New Hampshire, the Small Business Administration and the University of New Hampshire.

Art – Fine Arts (FA)

PROFESSOR: David MacAllister
ASSOCIATE PROFESSOR: Loretann Devlin-Gascard
SENIOR LECTURER: Katherine Coker-Cronin
LECTURERS: Jordana D. Korsen, Louise Melton,
Leandre Poisson, Susan Silverman, Elsa Voelcker

A Bachelor of Arts degree is offered in Fine Arts

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 88).

Required courses:

(In addition to the Individual and Community Curriculum, page 100)

FA101	Two-Dimensional Design	FA201	Drawing I
FA102	Three-Dimensional Design	FA302	Drawing II

Two 100-level courses are required:

FA180	Foundations of Art (<i>Fall only</i>)	FA183	History of Art (<i>Spring only</i>)
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One 200-level period course is required:

FA281	Oriental Art <i>or</i>	FA283	Greek and Roman Art
FA286	19th and 20th Century Art <i>or</i>		(<i>Spring only</i>)

One 300-level Art History course is required:

FA380	History and Techniques of Art Criticism (<i>Fall only</i>)
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Eight art studio courses from the following:

(Four courses must be taken to 300 level and one medium for four semesters):

- FA303, 304 Drawing III, IV
- FA211, 312, 313, 314 Creative Photography I, II, III, IV
- FA221, 322, 323, 324 Ceramics I, II, III, IV

FA231, 332, 333, 334 Painting I, II, III, IV
 FA235 Printmaking I
 FA241, 342, 343, 344 Stained Glass I, II, III, IV
 FA251, 352, 353, 354 Glassblowing I, II, III, IV
 FA261, 362 Sculpture I, II
 GC261, 362 Color Photography Workshop I, II

Seniors must present an acceptable senior portfolio and attend portfolio workshops 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:

FA180	Foundations of Art (<i>Fall only</i>)	FA183	History of Art (<i>Spring only</i>)
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Three 200-level courses are required for Art History minors:

FA281	Oriental Art	FA283	Greek and Roman Art
FA286	19th and 20th Century Art		(<i>offered in rotation - Spring only</i>)

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

FA380	History and Techniques of Art Criticism (<i>Fall only</i>)
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Requirements for a minor in Fine Arts (Minimum of six courses)

Three required courses:

FA101	Two-Dimensional Design	FA180	Foundations of Art <i>or</i>
FA201	Drawing I	FA183	History of Art

Two to four studio electives from the following:

FA102	Three-Dimensional Design	FA231	Painting I
FA205	Oriental Brush Painting	FA241	Stained Glass I
FA211	Creative Photography I	FA251	Glassblowing I
FA221	Ceramics I	FA261	Sculpture I

One to three studio electives from the following:

FA302, 303, 304	Drawing II, III, IV	FA352, 353, 354	Glassblowing II, III, IV
FA312, 313, 314	Creative Photography II, III, IV	FA362	Sculpture II
FA322, 323, 324	Ceramics II, III, IV	GC261, 362	Color Photography Workshop I, II
FA332, 333, 334	Painting II, III, IV		
FA342, 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 the following major in Art designed for certification candidates:

FA180	Foundations of Art	FA221	Ceramics I
FA183	History of Art	FA231	Painting I
FA2__	200-level Art History course	FA261	Sculpture I
FA380	History and Techniques of Art Criticism	FA235	Printmaking I
		_____	300-level Studio Elective
FA101	Two-Dimensional Design	_____	300-level Studio Elective
FA102	Three-Dimensional Design	_____	300-level Studio Elective
FA201	Drawing I	_____	Level IV in drawing, painting, or ceramics
FA302	Drawing II		
FA211	Creative Photography I		

For more information on teacher certification in art, and education requirements, refer to Education (ED). See page 68 of catalogue.

Required for Graduation:

120 semester hours, including the 38-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

IC101	Individual and Community
IC105	College Writing I
_____	Laboratory Science I
FA101	Two-Dimensional Design
FA180	Foundations of Art

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
FA102	Three-Dimensional Design
FA183	History of Art
FA201	Drawing I

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
FA302	Drawing II
FA____	Art Elective
_____	Elective

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
_____	Mathematics Requirement
FA28_	Art Period Course
FA____	Art Elective
_____	Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society*
IC310	Ancient & Medieval Worlds**
FA____	Art Elective
FA____	Art Elective
_____	Elective

Spring Semester

IC360	Reason & Romanticism**
FA____	Art Elective
FA____	Art Elective
_____	Elective
_____	Elective

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
FA380	History and Techniques of
	Art Criticism
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.*

FA102 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.*

FA180 Foundations of Art

3 credits

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.*
Fall

FA183 History of Art

3 credits

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.*

Spring

FA201 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.*

FA204 Watercolor Painting

3 credits

An introduction to painting with transparent watercolor. Emphasis is placed on rendering forms, objects, and figures in space, along with the methods of doing so. Subjects will include still life, landscape, human figure and some work from photographs. Study and analysis of past and present masters is included. *Materials fee.*

FA205 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.*

FA211–312 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.*

FA221–322 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.*

FA231 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.*

FA235 Printmaking I

3 credits

An introduction to the methods and materials of printmaking techniques including relief, collograph, drypoint, and computer-generated images for the development of unique multiples. The course will include the use of scanned and electronically altered images as a means for creating intaglio prints. Some knowledge of Photoshop helpful. *Materials fee. Prerequisite: FA201 or permission of instructor.*

FA241–342 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 progresses from simple to more complex work. *Materials fee.*

FA251–352 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.*

FA261–362 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.*

FA281 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.

Spring in rotation.

FA283 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 independently in relation to one another.

Spring in rotation

FA286 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.

Spring in rotation

FA302 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*

FA303–304 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: FA302.*

FA313–314 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.*

FA323–324 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.*

FA332 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.*

FA333–334 Painting III and IV**3 credits each**

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

FA343–344 Stained Glass III and IV**3 credits each**

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.*

FA353–354 Glassblowing III and IV**3 credits each**

Continuation of Glassblowing II with more emphasis on sophistication of design and technique. *Materials fee. Prerequisite: permission of instructor.*

FA380 History and Techniques of Art Criticism**3 credits**

Traces the history of art criticism from antiquity to the present, and investigates methods of criticism used to interpret and evaluate works of art.
Fall

FA299, 399, 499 Independent Study in Art**2–6 credits each**

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: Harry G. Davis, Paul M. Kotila, Linda A. Malmgren

ASSOCIATE PROFESSOR: Rhine Singleton

ASSISTANT PROFESSOR: Jacques Veilleux

VISITING ASSISTANT PROFESSOR: Susan E. Arruda

A Bachelor of Arts and a Bachelor of Science degree are offered in Biology.

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 content of the life sciences and with the disciplined attitudes, methods, and experiences of biological investigation.

Departmental Honors in Biology are awarded to 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 requires 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 66 for information on the secondary teacher certification program.

Students interested in pre-health programs (Medicine, Dentistry, Physical Therapy, Veterinary Medicine): please refer to page 16 for a list of courses necessary for adequate preparation for professional school.

Major Requirements

In addition to the Individual and Community Curriculum (page 100), 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.

All Biology Majors take the following major requirements (28-29 credits)

BI101-102	Biology I & II (counts towards core)	8 credits
BI211	Genetics	4 credits
BI218	Ecology	4 credits
BI212	Cellular Biology <i>or</i>	4 credits
BI325	Microbiology	4 credits
CH101	Chemistry I	4 credits
CH102	Chemistry II	4 credits
Two semesters of Math at the MT151 level or above (<i>first semester counts towards Core, second semester counts towards Major</i>)		6-8 credits
BI480	Biology Seminar	2 credits
BI481	Senior Thesis <i>or</i>	
BI460	Internship in Biology (<i>option for BA only</i>)*	3 credits

For the BS, students must take the following additional 16 credits:

CH211-212	Organic Chemistry I & II	8 credits
PH101-102	Physics I & II	8 credits

*Students wishing to complete the Secondary Teacher Certification should consult with a faculty advisor in the Education Department. These students may substitute ED487 Teaching Seminar (1 credit), and ED492 Student Teaching (14 credits), for Biology Seminar and Biology Thesis.

Biology Electives

In addition to the major requirements, students must choose Biology Electives from the Advising Guide below. For the BA, students must choose a total of **six courses** for a minimum of 20 credits; for the BS, students must choose **four courses** for a minimum of 12 credits. For students wishing to focus on a particular area within Biology, we recommend choosing electives from the Ecology and Evolution, Health Sciences, or Physical Therapy categories. For students interested in the field of Biotechnology, we recommend a minor in Chemistry.

Requirements for Admission into Master's degree program in Physical Therapy

We recommend the BA for students planning to enter graduate school in Physical Therapy. To fulfill their math requirement, these students should take MT152 or MT221 and MT260. In addition, these students must take PH101 & PH102, two semesters of Psychology (at least one course must be at the 200 level or above), and maintain a GPA of 3.00 or higher in the science and math courses. Choice of electives should include BI260 and BI261.

BIOLOGY ADVISING GUIDE

Course	Biology Electives BA or BS	Ecology & Evolution BA or BS	Health Sciences BA or BS	Physical Therapy [†] BA
BI212 Cellular Biology	x*	x*	x*	x*
BI217 Tropical Forest Ecology	x	x		
BI221 Entomology	x	x		
BI223 Local Flora	x	x		
BI231 Animal Behavior	x	x		
BI235 Human Health & Nutrition	x		x	x
BI250 Introduction to Plant Biology	x	x		
BI260 Human Anat. & Physiology I	x		x	x
BI261 Human Anat. & Physiology II	x		x	x
BI312 Vertebrate Zoology	x	x		

BI320 Wetland Ecology	X	X		
BI325 Microbiology	X*	X*	X*	X*
BI326 Parasitology	X	X	X	X
BI342 Wildlife Conservation	X	X		
BI351 Endocrinology	X		X	X
BI355 Ecophysiology	X	X	X	
BI365 Limnology	X	X		
BI375 Mammology	X	X		
BI430 Forest Ecology	X	X		

*Students must take *either* Cellular Biology or Microbiology; the course not taken as a Major Requirement is available as a Biology Elective

† For admission to the Masters/Doctoral program in Physical Therapy, students must include BI260 and BI261 in their choice of electives. For full set of requirements see descrip-

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 38-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

IC101	Individual and Community
IC105	College Writing I
BI101	Biology I
CH101	General Chemistry I
MT__	Mathematics Requirement

Spring Semester

IC106	College Writing II
BI102	Biology II
CH102	General Chemistry II
MT__	Mathematics Requirement

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
BI218	Ecology
BI__	Biology Elective

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
BI211	Genetics
BI__	Biology Elective
BI__	Biology Elective

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

** May be taken in the fall or spring semester

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
BI__	Biology Elective
_____	Elective
_____	Elective

* May be taken in the fall or spring semester

** One of these two courses must be taken

Spring Semester

IC360	Reason & Romanticism**
BI212	Cellular Biology or
BI325	Microbiology
BI480	Biology Seminar
_____	Elective

Senior Year

Fall Semester

BI__	Biology Elective
_____	Senior Capstone
_____	Elective
_____	Elective
_____	Elective

Spring Semester

BI481	Senior Thesis or
BI460-462	Internship in Biology
BI__	Biology Elective
_____	Elective
_____	Elective
_____	Elective

Recommended Curriculum Guide – Bachelor of Science

Freshman Year

Fall Semester

IC101	Individual and Community
IC105	College Writing I
BI101	Biology I
CH101	General Chemistry I
MT151	Algebra & Trigonometry I or
MT221	Calculus I

Spring Semester

IC106	College Writing II
BI102	Biology II
CH102	General Chemistry II
MT152	Algebra and Trigonometry II or
MT222	Calculus II
_____	Elective

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
CH211	Organic Chemistry I
BI218	Ecology

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
CH212	Organic Chemistry II
BI211	Genetics
BI__	Biology Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society*
IC310	Ancient & Medieval Worlds**
BI__	Biology Elective
PH101	Physics I
_____	Elective

Spring Semester

IC360	Reason & Romanticism**
BI325	Microbiology
BI212	Cellular Biology or
BI480	Biology Seminar
PH102	Physics II

* May be taken in the fall or spring semester

** One of these courses must be taken

Senior Year

Fall Semester

BI__	Biology Elective
_____	Senior Capstone
_____	Elective
_____	Elective
_____	Elective

Spring Semester

BI481	Senior Thesis
BI__	Biology Elective
_____	Elective
_____	Elective
_____	Elective

Biology Curriculum

BI101 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

BI211 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: BI102*

Spring

BI212 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: BI211.*

Spring, alternate years

BI/ES217 Tropical Forest Ecology

4 credits

Introduces 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. 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. *Prerequisite: BI102.*

Fall-January, alternate years

BI/ES218 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

BI221 Entomology (laboratory)

4 credits

Field course which covers insect morphology, physiology, and behavior. Frequent field collecting trips to different habitats will aid students in preparing a properly identified and curated insect collection. *Prerequisite: BI102.*

Summer

BI223 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: BI102.*

Summer

BI231 Animal Behavior (laboratory)

4 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. Laboratory focuses on actual field observations and analyses of animal behavior.

Spring, alternate years

BI233 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.

Spring, alternate years

BI235 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

BI250 Introduction to Plant Biology (laboratory) **4 credits**

The evolutionary history of the plant kingdom. Cytology, anatomy, physiology, and reproduction of land plants.

Fall, alternate years

BI260-261 Human Anatomy and Physiology I & II (laboratory) **4 credits each**

The structural and functional coordination of human cells, tissues, organs, and organ systems in the context of the overall life of humans. BI260 begins at the molecular level and progresses through cells, tissues, integumentary, skeletal, and muscular systems. BI 261 begins with the nervous system and progresses through the remaining organ systems of the human body. It is recommended that the two courses be taken in sequence with BI260 coming first.

Prerequisite: BI102 or permission of the instructor.

Fall and spring, alternate years

BI312 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: BI102.*

Spring, alternate years

BI/ES320 Wetland Ecology and Protection (laboratory) **4 credits**

Examines 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. *Prerequisite: ES101 or BI218*

Fall, even years

BI325 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: BI102.*

Spring, alternate years

BI326 Parasitology (laboratory) **4 credits**

Host-parasite relationships. The medically important protozoan and metazoan parasites of humans and domestic animals. *Prerequisite: BI102; CH102 recommended.*

Fall, alternate years

BI/ES342 Wildlife Conservation and Management **3 credits**

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.*

Spring, alternate years

BI351 Endocrinology (laboratory) **4 credits**

Structure and physiology of endocrine glands and associated hormones. Basic physiological and specific endocrinological laboratory techniques will be practiced. *Prerequisites: BI211, CH211.*

Spring, alternate years

BI355 Ecophysiology (laboratory) **4 credits**

Introduces 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: BI102.*

Fall, alternate years

BI/ES365 Limnology (laboratory)

4 credits

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

BI375 Mammology (laboratory)

4 credits

The investigation of mammal biology, including the evolution, radiation, reproductive biology, behavior and natural history of mammals. Laboratory work stresses the identification of New Hampshire mammals, field studies, and proper museum preparation of mammal study specimens. *Prerequisite: BI102*

Fall, alternate years

BI/AN420 Evolution Seminar

1 credit

Examines the factual, historical, and philosophical basis of modern evolutionary theory using recent articles and publications. *Prerequisite: Junior or Senior standing in Biology or Anthropology or permission of instructor.*

BI/ES430 Forest Ecology (laboratory)

4 credits

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 laboratory section consists of weekly field trips to forests both on and off the Franklin Pierce College campus, and will emphasize quantitative techniques for the collection and interpretation of field data, as well as basic natural history. *Prerequisites: BI218 and MT260 or permission of instructor.*

BI460-462 Internship in Biology

2-6 credits each

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.*

BI480 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 BS Biology majors. *Prerequisites: Senior standing, permission of instructor and BI480.*

BI299, 399, 499 Independent Study in Biology

2-6 credits each

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 3.00 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, Benjamin G. Gardiner, Frederick J. Walsh

ASSOCIATE PROFESSORS: Kelly Kilcrease, Bryan O’Neil

ASSISTANT PROFESSOR: Jason Little

Majors in the Business Program are offered in Accounting-Finance, Arts Management, Management, Marketing, and Sports and Recreation Management.

Students wishing to major in other specific areas such as Entrepreneurship/Small Business may follow the procedures outlined under Student-Designed Majors (page 158), and design an appropriate program tailored to their goals through electives, independent studies and internships.

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

Minors in Advertising, Business Administration, Economic Theory and Sports and Recreation Management are available to any student.

Note: Divisional policy requires that a grade of C– or higher 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 successfully complete 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 three additional courses which are applicable to the area of minor study and are approved by the appropriate department and the Division Chair. A minimum of three of these courses cannot be double-counted.

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

Accounting-Finance – page 18, Advertising – page 22, Economic Theory – page 62, International Business – page 110, Management – page 110, Marketing – page 114 and Sports and Recreation Management – page 153.

Division Core Requirements

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

AC101	Principles of Accounting I	BA258	Legal and Social Environment of Business
MN201	Principles of Management		
MK201	Principles of Marketing	IB364	The Global Economy
ET101	Principles of Economics I	MT260	Statistics
FM224	Principles of Financial Management	BA471	Senior Business Seminar

** Each student must also complete an internship or Senior Independent Project that includes either a thesis, business plan, or other significant research project.*

Divisional Honors

An Honors candidate for any major in the Business Division must have a 3.0 cumulative grade point average and a 3.25 grade point average in all major courses with no grade lower than a C-. A High Honors candidate for any major in the Business Division must have a 3.0 cumulative grade point average and a 3.5 grade point average in all major courses with no grade lower than a C-. Candidates for Honors/High Honors must have completed an advanced internship or a Senior Independent Project that includes either a thesis, business plan, or a significant research project in their major area.

Sigma Beta Delta

Sigma Beta Delta is the honor society for business students. Candidates must rank in the upper 20% of their class at the time of invitation to membership. Students may be inducted as early as their junior year. The purpose of the society is to promote higher scholarship in training for business and to recognize and reward scholastic achievement in business subjects.

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:

BA100	Introduction to Business	FM224	Principles of Financial Management
AC101	Principles of Accounting I	BA390	Internship in Business
ET101	Principles of Economics I	BA258	Legal & Social Environment of Business
IB364	The Global Economy		

Business Administration Curriculum

BA100 Introduction to Business **3 credits**
 Gives students insight into business activities and tools.

BA210 Business Executive Conferences **2 credits**
 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.*

BA213 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. *Prerequisites: AC101 and MN 201, or permission of instructor.*

BA214 Business Law II **3 credits**
 The law of commercial paper, partnerships, corporations, real property, personal property, and bailments. *Prerequisite: BA213.*

BA229 Report Writing for Business **2 credits**
 Research methods, data presentation, and idea organizing in formal and informal reports prepared in an organizational context. *Prerequisites: IC106, MN 201.*

BA245 International Business Law and Its Environment **3 credits**
 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.*

BA258 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.

BA/ES265 Law and the Environment**3 credits**

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/CIT301 Cyber Ethics and Law**3 credits**

Information technology has become an essential part of the economy of any nation. This course is designed to explore current topics in Cyber Law as they affect society, government, economics, business and international trade. The central focus of the course revolves around the delicate balance being forged between law and technology. The topics to be discussed include intellectual property issues such as copyrights and trademarks, business and finance issues such as online contracting and taxation, social issues such as privacy, defamation, and computer crime, international issues in cyberspace, and constitutional issues. *Prerequisite: Junior class standing.*

BA390 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: AC102, ET102, MN201, MK201, Junior class standing, a CGPA of at least 2.0 and permission of Division Chair.*

BA391 Internship in Business Administration**2–3 credits**

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 BA390. The granting of more than 3 credits for one internship will be a rare occurrence. This internship must be completed before the commencement of the student's senior year, unless otherwise approved by the Division Chair. *Prerequisite: BA390.*

BA410 World Business and Finance**3 or 4 credits**

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.*

BA420 World Business and Finance**3 or 4 credits**

Same as BA410. Allows the student to repeat the experience of BA410 in a different world area.

BA471 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.*

BA280, 380, 480 Small Business Advisory Groups**1 credit each**

Team projects that assist small businesses in southern New Hampshire in solving real business problems. Working with the Small Business Development Center (SBDC), a team of six students develop business plans, web sites, advertising campaigns, marketing strategies, financial analysis, or any other material that will help small businesses that are just starting up, or with their problems/opportunities. SBDC is a non-profit organization associated with the State of New Hampshire, the Small Business Administration and the University of New Hampshire.

Chemistry (CH)

PROFESSOR: Linda Malmgren

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:

CH101–102	General Chemistry I and II	CH312	Quantitative Analysis
CH211–212	Organic Chemistry I and II	CH__	Elective

Chemistry Curriculum**CH101–102 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.*

CH211–212 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: CH102.*

CH/ES221 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

CH312 Quantitative Analysis (laboratory)**4 credits**

An introductory course in analytical chemistry including gravimetric and volumetric techniques, UV absorption spectroscopy, and gas chromatography. *Prerequisite: CH102.*

Spring of alternate years

CH321 Biochemistry (laboratory)**4 credits**

A basic course in biochemistry concerned with the structure, synthesis and metabolism of carbohydrates, proteins, and lipids. *Prerequisites: BI212, CH211.*

Alternate years

CH299, 399, 499 Independent Study in Chemistry**2–3 credits each**

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 3.00 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.

CH460-462 Internship in Chemistry

2-6 credits each

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 Information Technology (CIT)

PROFESSOR: Sudarshan Erramilli

ASSISTANT PROFESSORS: Gary A. Heald, Sanil Samanta

Bachelor of Science (BS) and Bachelor of Arts (BA) degrees are offered in Computer Information Technology (CIT).

A major and a minor in CIT and a minor in Computer Applications (CA) are offered.

Information technology represents the continuing convergence of technology in the communications and computing fields. The growth of the World Wide Web and the use of the internet and intranets in business has resulted in the need for technically competent professionals. The BS degree prepares the student to seek meaningful employment in the areas of programming, web design and maintenance, systems analysis, database and networking technologies, while the BA degree prepares the student to seek jobs that require the application of critical information technology skills in a chosen area of interest.

Both the BS and BA programs have a common foundation of ten CIT courses. While the BS requires an additional eight CIT courses, the BA provides a choice of four Areas of Concentration (AoC): Business, Multimedia Applications, Criminal Justice, and Environmental Science/Geographic Information Systems. It is recommended that the student declare the major during the freshman year and seek advising from the CIT faculty.

Honors

Departmental Honors are awarded to 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, (p. 100) a total of 54 credits in the major must be completed successfully with a GPA of 2.00 to fulfill the major requirements.

Foundation CIT courses (30 credits): Common to both the BS and BA degrees

CIT102 Intro. to Information Technology	CIT354 Data Communications
CIT220 Programming for Windows	CIT360 Overview of Operating Systems
CIT310 Concepts of Computer Hardware	CIT380 Computer Networking
CIT343 Principles of Database Design	CIT423 Systems Analysis and Design
CIT344 Database Management	CIT474 IT Project Management

Required Math Course

IC201: Foundations of Mathematics (to be completed as part of the I&C requirement)

In addition, for the BS: Required CIT courses

MT211 Discrete Math	CIT245 Object Oriented Programming II
CIT244 Object Oriented Programming I	CIT444 Advanced Database with Oracle

Electives (4) No more than one at the 200 level

CIT232	Web Design and Development	CIT362	Advanced Object Oriented Programming
CIT234	Web Programming	CIT391	Internet Technologies
CIT301	Cyber Ethics and Law	CIT450	Advanced Server Techniques
CIT325	Advanced VBA & VBS Programming	CIT480	Advanced Computer Networking
CIT334	Advanced Web Programming	MN360	Communication Skills for Managers

In addition, for the BA, choose one AoC:*Business AoC:*

AC101	Principles of Accounting I	MN201	Principles of Management
BA258	Legal & Social Environment of Business	MN360	Communication Skills for Managers
ET101	Principles of Economics I	<i>Choose one of the following:</i>	
FM224	Principles of Financial Management	MK304	Advertising
MK201	Principles of Marketing	MK350	e-Commerce
		MN314	Human Resource Management

Criminal Justice AoC:

CJ101	Introduction to Criminal Justice	SO210	Deviance and Social Control
CJ201	Police Work	SO410	Criminology
CJ301	Criminal Investigation & Evidence	<i>Choose one of the following:</i>	
CJ302	Courts and Criminal Procedure	SO218	Quantitative Research
SO101	Introduction to Sociology	SO219	Qualitative Research
		PS261	Research Methods in Psychology

Multimedia Applications AoC:

GC201	Graphic Design I	<i>Choose one of the following:</i>	
GC302	Graphic Design II	GC251	Graphic Production
GC371	Computer Graphic Design I	GC321	Typography
MC230	Introduction to Media Production	GC472	Computer Graphic Design II
MC376	Fundamentals of Animation	MC100	Communication, Media and Society
(MC331	Single-Camera Production or		
MC374	Audio Production)		

Environmental Science/Geographic Information Systems AoC:

Note: It is recommended that BI101-102 be taken as the required I&C laboratory requirement courses.

ES101	Environmental Science	<i>Choose two of the following::</i>	
BI218	Ecology (Laboratory)	ES320	Wetland Ecology and Protection
ES222	Introduction to Geographic Information Systems	ES340	Sustainable Communities
ES230	Intermediate Geographic Information Systems	BI/ES342	Wildlife Conservation and Management
ES310	Environmental Impact Assessment	BA265	Law and the Environment

Requirements for a minor:

A total of 21 credits are required for a minor.

Minor in CIT:

CIT102	Introduction to IT	CIT343	Principles of Database Design
CIT220	Programming for Windows	CIT354	Data Communications
CIT310	Concepts of Computer Hardware	<i>Choose one of the following:</i>	
CIT360	Overview of Operating Systems	CIT301	Cyber Ethics & Law
		CIT344	Database Management
		CIT380	Computer Networking

Minor in Computer Applications:

CIT102 Introduction to IT
CIT130 Database Applications
CIT140 Electronic Spreadsheets
CIT220 Programming for Windows *or*
CIT232 Web Design and Development

ES222 Introduction to GIS *or*

GC201 Graphic Design I

Choose two of the following:

CIT301 Cyber Ethics & Law
CIT343 Principles of Database Design
CIT354 Data Communications

Recommended Curriculum Guide: BS in CIT

Freshman Year

Fall Semester

IC101 Individual and Community
_____ Laboratory Science I
IC105 College Writing I
CIT102 Introduction to IT *or*
CIT101 Microcomputer Applications
_____ Elective *or*
_____ IC201 Foundations of Math

Spring Semester

_____ Laboratory Science II
IC106 College Writing II
CIT101 Microcomputer Applications *or*
CIT102 Introduction to IT
_____ IC201 Foundations of Math *or*
_____ Elective
_____ Elective

Sophomore Year

Fall Semester

IC205 Experiencing the Arts*
IC210 American Experience
IC212 Challenge of Business in Society**
CIT220 Programming for Windows *or*
MT211 Discrete Math
CIT244 Object Oriented Prog I
_____ Elective

Spring Semester

IC206 Music in Our World*
IC260 Twentieth Century
MT211 Discrete Math *or*
CIT220 Programming for Windows
CIT245 Object Oriented Prog II
_____ Elective

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

** *May be taken in the fall or the spring*

Junior Year

Fall Semester

IC305 Science of Society*
IC310 Ancient and Medieval Worlds**
CIT310 Concepts of Hardware
CIT343 Principles of Database Design
CIT354 Data Communications

* *May be taken in the fall or spring semester*

Spring Semester

IC360 Reason and Romanticism**
CIT360 Overview of Operating Systems
CIT344 Database Management
CIT380 Computer Networking
_____ Elective

** *One of these two courses must be taken*

Senior Year

Fall Semester

CIT423 Systems Analysis and Design
_____ CIT Elective
_____ CIT Elective
_____ Elective
_____ Senior Capstone

Spring Semester

CIT474 IT Project Management
_____ CIT Elective
_____ CIT Elective
_____ Elective
_____ Elective

Recommended Curriculum Guide: BA in CIT

Freshman Year

Fall Semester

IC101 Individual and Community
_____ Laboratory Science I
IC105 College Writing I
CIT102 Introduction to IT *or*
CIT101 Microcomputer Applications
_____ Elective *or*
IC201 Foundations of Math

Spring Semester

_____ Elective
_____ Laboratory Science II
IC106 College Writing II
CIT101 Microcomputer Applications *or*
CIT102 Introduction to IT
IC201 Foundations of Math *or*
_____ Elective

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
CIT220	Programming for Windows or
_____	Elective
_____	AoC 1
_____	AoC 2

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
CIT220	Programming for Windows or
_____	Elective
_____	AoC 3
_____	AoC 4

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient and Medieval Worlds **
CIT310	Concepts of Hardware
CIT343	Principles of Database Design
CIT354	Data Communications

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason and Romanticism **
CIT360	Overview of Operating Systems
CIT344	Database Management
CIT380	Computer Networking
_____	Elective

** One of these two courses must be taken

Senior Year

Fall Semester

CIT423	Systems Analysis and Design
_____	AoC 5
_____	AoC 6
_____	Elective
_____	Senior Capstone

Spring Semester

CIT474	IT Project Management
_____	AoC 7
_____	AoC 8
_____	Elective
_____	Elective

Computer Information Technology Curriculum

CIT101 Microcomputer Applications

3 credits

Covers the fundamentals of application skills with emphasis on hands-on learning, including word-processing, spreadsheets, databases and communications, including Internet and World Wide Web. An overview of computers and related social issues may also be covered as time permits.

CIT102 Introduction to Information Technology

3 credits

Covers technologies in the communication and computing fields, including databases, the Internet and World Wide Web, information technology tools and formats, multimedia, non-linear audio and video editing, graphic animation, and product evaluation.

CIT130 Database Applications

3 credits

Study of terms and terminology of relational databases as they pertain to current popular database software packages. Emphasis is on a project-oriented approach solving real world applications utilizing a database software package such as MS Access. Topics covered include creating a database, designing queries, generating reports, and other database management functions.

CIT140 Electronic Spreadsheets

3 credits

Students learn to solve real-world application problems by organizing data, performing mathematical operations, producing charts, and presenting well designed worksheets using an electronic spreadsheet package such as MS Excel. The emphasis is on a project-oriented approach.

CIT211 Introduction to Programming

3 credits

Teaches the student how to solve problems using the computer. The emphasis is on analyzing a problem and designing and implementing a solution using an appropriate programming language. Language details will be covered. *Prerequisite: IC201*

CIT220 Programming for Windows**3 credits**

Explores the concepts of object/event-oriented applications, and basic programming principles and techniques for Windows programming using Visual Basic or another appropriate language. Program design and development will be emphasized. *Prerequisite: IC201*

CIT/ES222 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 provide an introduction to cartographic principles and 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.

Spring, even years

CIT/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. *Prerequisite: ES222*

Spring, odd years

CIT232 Web Design and Development**3 credits**

An introductory level course in the use of scripting languages as applied to the context of the World Wide Web. As a result of their prevalence in the world of information technology, advanced HTML and JavaScript will form the foundation of this course. Topics included will be: an overview of JavaScript as an interpreted language, fundamental language data types and constructs, the JavaScript object model, the use of windows and frames in program design, form layout and design and the use of dynamic HTML and animation. *Prerequisite: IC201 or permission of instructor*

CIT234 Web Programming**3 credits**

Examines the evolution of the Internet, the World Wide Web and its many applications. An examination of the TCP/IP protocol and Internet architecture will provide a basis for understanding the Internet and the Web. This course will introduce the Hypertext Markup Language (HTML), the language used for creating web pages, as well as more recent developments in web page interactivity. Other topics include web site management, managing graphic and multimedia files, file transfer protocol, firewalls and Internet security. *Prerequisite: CIT232*

CIT244 Object Oriented Programming I**3 credits**

A first programming course in object oriented program design and specification. Some of the topics discussed are data abstraction, operators and functions, inheritance and operator overloading. An appropriate language such as C++ or Java will be used. *Prerequisite: IC201*

CIT245 Object Oriented Programming II**3 credits**

An advanced programming course building on the foundation of CIT244. It will explore data structures such as stacks, queues and trees. Students will continue to design and write more sophisticated programs and incorporate Windows functionality. *Prerequisite: CIT244*

CIT301 Cyber Ethics and Law**3 credits**

Designed to explore current topics in Cyber Law as they affect society, government, economics, business and international trade. The central focus of the course revolves around the delicate balance being forged between law and technology. The topics to be discussed include intellectual property issues such as copyrights and trademarks, business and finance issues such as online contracting and taxation, social issues such as privacy, defamation, computer crime, international issues in cyberspace and constitutional issues. *Prerequisite: Junior standing*

CIT310 Concepts of Computer Hardware**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: CIT220*

CIT325 Advanced Visual Basics and VBS Programming **3 credits**

Provides instruction and experience in VBA and VBS as used in many of Microsoft's products, especially the Office family (Word, Access, Excel and the rest of the Office Suite) and Windows. *Prerequisite: CIT220*

CIT334 Advanced Web Programming **3 credits**

Takes the student further along the World Wide Web. Student moves on to more complex Web pages where the content is active, either on the client or the server. *Prerequisites: CIT234 and CIT245*

CIT343 Principles of Database Design **3 credits**

Presents data modeling and database design with emphasis both on theory and practice. Along with comprehensive coverage of database concepts and design, the student will have an opportunity to implement real-world database applications. The practical component of the course involves learning a database environment such as MS Access or SQL. *Prerequisite: CIT220 or permission of instructor*

CIT344 Database Management **3 credits**

Covers database management and requires skills in database installation, general maintenance of the database software, and the actual databases, performance monitoring and tuning, and backup/restore techniques. Current trends in database technology will also be covered. *Prerequisite: CIT343*

CIT354 Data Communication **3 credits**

Explores the many faces 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 are networking design and implementation. *Prerequisite: CIT220 or permission of instructor*

CIT360 Overview of Operating Systems **3 credits**

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 such as multi-processing, mutual exclusion, synchronization, protection, deadlocks, etc., are also discussed. Also studied is the application of these principles to several modern operating systems. *Prerequisite: CIT310*

CIT362 Advanced Object Oriented Programming **3 credits**

Continues to build on the skills developed in CIT244 and CIT245. In this course students will design and write programs that run in the Windows environment and have several advanced features. Some projects may require work in programming teams. *Prerequisite: CIT245*

CIT380 Computer Networking **3 credits**

This introductory course in computer networking provides an overview of major networking topics. Topics will include an overview of common bus topologies, the OSI reference model, network connection technologies, packet transmission methods, networking hardware and major LAN/WAN technologies. This course will provide the foundation for further advanced studies in computer networking. *Prerequisite: CIT354*

CIT385 Network Administration and Security **3 credits**

Covers the design and implementation of a physical network, including, but not necessarily limited to, server specification and selection, protocols, operation system choice, infrastructure design, topology and general hardware specification. Also covered will be the operation procedures such as user policies, backup strategies, security, firewalls and standard operating procedures. *Prerequisite: CIT380*

CIT391 Internet Technologies**3 credits**

Covers the history, advances and political use of the Internet. Major topics will include infrastructure design, topology, intranets, Virtual Private Networks, multimedia, encryption, Web and proxy servers, traffic analysis, firewalls and routers. Also covered will be security, available troubleshooting tools and techniques, and standard protocols. *Prerequisite: CIT380*

CIT423 Systems Analysis and Design**3 credits**

Includes data collection, software choice and employment, communication specifications, personnel and social impact. The course is project-oriented, and students will study real-life organizations in their pursuit of an understanding of the field. *Prerequisites: CIT343 and CIT354*

CIT 444 Advanced Database with Oracle**3 credits**

Deals with database administration and with advanced database programming. Advanced database topics can be divided into two areas: management and usage. Management calls for skills in product installation, maintenance, performance and backup/restore techniques. General usage and program/power users will be covered. *Prerequisite: CIT344*

CIT450 Advanced Server Techniques**3 credits**

Covers many of the smaller parts of the server installation. Included are installation, configuration and maintenance of a number of component servers (often called services in Windows) that virtually all server-based systems must include. These services include DHCP, DNS, SMTP, and POP 3 and other services specific to operating systems and networking. *Prerequisite: CIT380*

CIT 474 Information Technology Project Management**3 credits**

Capstone course required of all majors. Students will explore the complex, multi-faceted organizational process that business, systems and information professionals use to develop computer-based systems. Design, specification, planning, communication and execution, as well as business and social impact will be discussed. The student will undertake the management of a project using a software product such as Microsoft Project. Also includes research, planning and a presentation, and a portfolio of relevant materials. This course may also include panel discussions or presentations from industry professionals. *Prerequisite: CIT423*

CIT480 Advanced Computer Networking**3 credits**

Provides an overview of major networking topics. Topics will include internetworking, IP addressing, Address Resolution Protocol, IP Data grams and Encapsulation, Internet Control Message Protocol, TCP, Client-Server paradigm, communication sockets, applications (E-mail, FTP, HTTP and RPC), CGI technology, network management and network security. *Prerequisite: CIT380*

CIT390, 490 Internship in Computer Science**2-6 credits each**

The opportunity to gain experience in the administration of profit or non-profit organizations. The Internship is taken after most of the 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 class standing and permission of the instructor.*

CIT299, 399, 499 Independent Study**2-6 credits each**

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 3.00 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, Douglas Challenger, J Forbes Farmer, Debra S. Picchi
ASSOCIATE PROFESSORS: Kelli Ann Costa, Jerome D. Levine, Allan Rachlin
ASSISTANT PROFESSOR: Jefferson Allen

A Bachelor of Arts degree is offered in Criminal Justice

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 100)

SO101	Introduction to Sociology	SO205	Race and Ethnic Relations
CJ101	Introduction to Criminal Justice	SO209	Ethics
CJ201	Police Work	SO210	Deviance and Social Control
CJ203	Juvenile Justice	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

Three of the following electives:

AN331	Violence and Aggression	SO350	Law and Society
PO201	U.S. Government	PS300	Theories of Domestic Violence
CJ495	Criminal Justice Internship	PS323	Seminar on Addiction
SO220	The Family	PS328	Child Maltreatment

Minor Requirements *(the following six courses)*

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

And one of the following research courses:

PS261	Research Methods in Psychology <i>or</i>
SO218	Quantitative Research <i>or</i>
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 38-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

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

Spring Semester

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

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
SO209	Ethics
SO218	Quantitative Research Methods or
SO219	Qualitative Research Methods
CJ203	Juvenile Justice

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
_____	Mathematics Requirement
CJ201	Police Work
_____	Elective
_____	Elective

Junior Year

Fall Semester

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

Spring Semester

IC360	Reason & Romanticism**
CJ302	Courts and Criminal Procedure
CJ_____	Criminal Justice Elective
_____	Elective

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
SO410	Criminology
CJ_____	Criminal Justice Elective
_____	Elective
_____	Elective

Spring Semester

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

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

** May be taken in the fall or the spring

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. *Note: CJ101 must be completed with a grade of C or higher 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.*

CJ203 Juvenile Justice

3 Credits

Examines the juvenile justice system in the United States, the measurement of delinquency (types of offenders and trends), juveniles and the police, intake and pre-adjudicatory processing, classification and preliminary treatment, waivers and other alternatives, prosecutorial decision-making in juvenile justice, the adjudicatory process and dispositional alternatives,

the legal rights of juveniles, nominal sanctions, warnings, diversion and standard probation, juvenile probation and community-based cased alternatives, and juvenile corrections, custodial sanctions and parole. *Prerequisite: CJ101 must be completed with a grade of C or higher.*

SO209 Ethics

3 Credits

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

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. *Prerequisite: SO101.*

SO218 Quantitative Research Methods

3 Credits

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

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 must have been completed with a grade of C or higher.*

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, and CJ301 must be completed with a grade of C or higher.*

SO350 Law and Society

3 Credits

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. *Prerequisite: SO101.*

SO410 Criminology**3 Credits**

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 of 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: SO101, 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, CJ203, CJ301, CJ302.*

CJ295, 395, 495 Internship in Criminal Justice**1-3 credits**

Qualified Criminal Justice majors can obtain knowledge gained from working in a criminal justice agency with professionals working in the field. Students gain an appreciation of criminal justice and enhance their understanding of the field while preparing for a possible career in criminal justice. Students must obtain approval from a full-time Criminal Justice faculty member and carefully design the program prior to enrolling for the course.

CJ 499 Independent Study in Criminal Justice**3 credits**

Offers the student 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 must have attained junior or senior standing, have earned a cumulative grade point average of 3.00 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. Students are permitted to take this course one time only, and the course will count as an elective in the Criminal Justice major.

Other Criminal Justice Courses:

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

Applied Economics (ET)

ASSOCIATE PROFESSOR: Kelly Kilcrease

A Minor is offered in Applied Economics.**Minor Requirements (Business majors)**

Seven courses in Applied Economics must be completed successfully with a grade point average of at least 2.0. Students who minor in Applied Economics should ask the Business Division Chair about doing directed study for courses that are not on the current schedule.

Accounting-Finance majors who are concentrating in Finance are recommended to take ET101 and ET102 in their first year, and ET223 in their second year, and in any case, in that sequence.

Applied Economics Curriculum**ET101 Principles of Economics I****3 credits**

An introduction to macroeconomics, focusing on the measurements of economic well-being, the source of economic growth, and the fiscal and monetary policies of national governments.

Topics from international economics, such as exchange rates, will be introduced. *Note: ET101 must be completed with a grade of C– or higher before other ET courses may be taken.*

Fall, Spring

ET102 Principles of Economics II

3 credits

This introduction to microeconomics begins with an overview of the forces of supply and demand, then moves to a study of market structure and game theory. Applications to business decision-making will be used throughout the course. *Prerequisite: ET101.*

Fall, Spring

ET223 Money and Banking

3 credits

Monetary banking and financial markets and institutions, and the theories of money and credit. The course focuses on policymaking in the United States and on the international level. *Prerequisite: ET101.*

Fall

ET323 Comparative Economic Systems

3 credits

Past and current planned (socialist), unplanned (market) and “mixed” economies of Europe, Asia and North America in theory and practice. International trade and finance, foreign investment, NAFTA, EU, WTO and GATT and other steps toward international economic cooperation and integration. *Prerequisite: ET102.*

ET338 Urban Economics

3 credits

American cities and their problems, particularly the economic concerns of cities of the Northeast. *Prerequisite: ET102.*

ET357 Economic Development

3 credits

The process of economic growth and development is investigated, with a particular focus on developing economies. The role of institutional change in economic development will be particularly highlighted. *Prerequisite: ET102.*

ET374 History of Economic Thought

3 credits

Political, philosophical, and social transitions in the development of economic ideas. Contributions of the Greeks, the Church, the Mercantilists, the Classical (such as Adam Smith) and Socialist writers, (such as Karl Marx) J.M. Keynes, M. Friedman, J.K. Galbraith are all considered in their historical contexts.

Education (ED)

PROFESSOR: Alana J. Mosley

ASSOCIATE PROFESSOR: Trevor J. Tebbs

ASSISTANT PROFESSORS: Susan B. Rosa, John Villemaire

Secondary Teacher Certification Programs are offered in Biology Education, English 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, and social science education. All programs are approved by the New Hampshire State Department of Education.

Certification Program Overview

In addition to completing the College's Declaration of Major form, 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 the exams 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, middle 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 45 minutes each way for field experiences.

Several noteworthy program requirements that students must meet in order to be in good standing in the Education program are: (1) formal acceptance into an Education program; (2) no grade lower than C in Education courses (GPA 2.5); (3) PRAXIS II exams are required for social science, biology, and English teaching candidates in order to be certified.

By virtue of membership in the Interstate Certification Compact, certification is reciprocal in approximately 30 or more states. 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 Department of Education in other states to identify what additional requirements, if any, they may have.

Certification is not synonymous with "highly qualified." For this reason, the Education Department works closely with students to respond in a timely manner to changes in dictates from the federal government and the State of NH Department of Education.

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, 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.

Under the federal "No Child Left Behind" legislation, every teacher must meet specific criteria to be deemed "highly qualified." For classrooms that are not self-contained, as in middle schools and some upper elementary grades, teachers are expected to have completed a major in science, mathematics, social studies, or English/language arts. For this reason, some of the FPC guidelines for acceptable majors are currently in revision. It is recommended that students seeking elementary certification speak to an education advisor during their first semester at the College.

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 100) and an appropriate major as outlined above, students seeking certification must also complete the following education courses with a grade of C or higher:

Required Education Courses

ED105	Educational Psychology	ED255	Field Experience I
ED112	Foundations & Issues in Education	ED256	Field Experience II
ED224	Curriculum I	ED257	Field Experience III
ED225	Curriculum II	ED312	Teaching Students with Special Needs
ED231	Primary Literacy	ED314	Challenges in Mathematics & Science
ED250	Content Area Literacy	ED316	Integration Through Social Studies
ED363	Primary Discovery	ED483	Student Teaching Seminar
		ED490	Student Teaching

Electives

Though not required, students may also select one or more of the following Education courses:

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC101	Individual and Community Laboratory Science I
IC105	College Writing I
ED112	Foundations & Issues in Education
	<i>or</i>
ED105	Educational Psychology
_____	Academic Major Course

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
ED112	Foundations & Issues in Education
	<i>or</i>
ED105	Educational Psychology
_____	Academic Major Course
_____	Academic Major Course

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
ED224	Curriculum I
ED255	Field Experience I
ED263	Primary Discovery <i>or</i>
ED231	Primary Literacy
_____	Academic Major Course

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
ED231	Primary Literacy <i>or</i>
ED263	Primary Discovery
IC260	Twentieth Century
ED256	Field Experience II
ED312	Teaching Students w/ Special Needs
_____	Academic Major Course
_____	Academic Major Course

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
	<i>or</i>
_____	Math Requirement
ED314	Challenges in Math and Science
ED350	Content Area Literacy
_____	Academic Major Course

Spring Semester

IC360	Reason & Romanticism**
	<i>or</i>
_____	Math Requirement
ED316	Integration Through Social Studies
ED225	Curriculum II
ED257	Field Experience III
_____	Academic Major Course

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

- ED483 Student Teaching Seminar
- ED490 Student Teaching

Spring Semester

- _____ Senior Capstone
- _____ Academic Major Course
- _____ Academic Major Course
- _____ Academic Major Course
- _____ Academic Major Course

HEA - Title II 2001-2002 Academic Year Public Disclosure of Pass-Rate Data			
Type of Assessment	Number Taking Assessment	Number Passing Assessment	Institutional Pass Rate
Basic Skills	29	29	100%
Academic Content Areas (Math, English, Biology, and Social Science)	6	NA	NA

Secondary Education Certification Program

The College offers additional certification programs at the secondary level in biology, English, and social science. In addition to completing the Individual and Community Integrated Curriculum (page 100), students in this program must complete a major in their field, and the required education courses listed below. 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. Some majors match certification requirements more closely than others. Students are advised to carefully consider majors and to monitor the total credits needed to satisfy certification requirements. 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. See detailed programs for English and Social Science Certification on following required courses.

Required Education Courses

- ED105 Educational Psychology
- ED112 Foundations and Issues in Education
- ED221 Classroom Organization and Management
- ED224 Curriculum I
- ED255 Field Experience I
- ED256 Field Experience II
- ED257 Field Experience III
- ED312 Teaching Students with Special Needs
- ED316 Integration Through Social Studies (Social Science Certification only)
- ED350 Content Area Literacy (English Certification only)
- ED360 Principles of Secondary School Teaching
- ED487 Student Teaching Seminar
- ED492 Student Teaching

Biology Education Certification Program

Certification in Biology Education is for grades 7-12. In addition to completing the Individual and Community Integrated Curriculum, students in this program complete a major in either Biology or Environmental Science designed for certification candidates, and complete the required education courses (see previous page). A specific list for both pathways is available from either a science advisor or an education advisor. In order to satisfy certification requirements, students in this certification program may have requirements that non-certification students do not have. Program completion will likely require overloads, summer school, or a fifth year because of the total number of credits.

English Education Certification Program

Certification in English Education is for the secondary level. In addition to completing the Individual and Community Integrated Curriculum, students in this program complete a major in English (the student must be enrolled in the Literature Track) designed for certification candidates, and complete the required education courses (see above) and required English courses listed below. In order to satisfy certification requirements, students in this certification program may have requirements that non-certification students do not have.

EN203	Introduction to British Literature	EN303-336	British Literature (3 courses)
EN204	Introduction to American Literature	EN342-352	American Literature (3 courses)
EN210	Introduction to Literary Studies	EN215	Beyond Britain and America: Other Literatures in English
EN310	Shakespeare I <i>or</i>	EN410	Teaching of Writing
EN311	Shakespeare II	EN492	Senior Seminar
		EN010	English Comprehensive Exam

Of the courses listed above, there should be one each that cover the following genres:

Drama Course EN____
Poetry Course EN____
Fiction Course EN____

Social Science Education Certification Program

Certification in Social Science Education is for grades 5-12. In addition to completing the Individual and Community Integrated Curriculum, students in this program complete a major in history (the student must be enrolled in the American History Track) designed for certification candidates, and complete the required education courses (page 64) and required history courses listed below. In order to satisfy certification requirements, students in this certification program may have requirements that non-certification students do not have.

HS201 U.S. History to the War of 1812 *or*
HS202 American History in the Age of Slavery and the Civil War
HS203 Emergence of Modern America, 1877-1945 *or*
HS204 U.S. History Since 1945
HS201-204 American History elective not previously selected
HS323 Topics in American Cultural and Intellectual History* *or*
HS324 Modern European Intellectual History**
HS224 Renaissance to Napoleon
HS313 U.S. Labor History *or*
HS314 Alien Nation: The History of American Immigration and Ethnicity *or*
HS320 African-American History
HS322 Comparative American and European Women's History Since 1650 *or*
HS341 American Women's History: Beyond Sisterhood

- | | | |
|-------|--|------------------------------|
| HS370 | U.S. Foreign Relations to 1914 | <i>or</i> |
| HS371 | Twentieth Century U.S. Foreign Policy | <i>or</i> |
| P0360 | American Foreign Policy Process (With Department Permission) | <i>or</i> |
| P0362 | Nuclear Weapons and World Politics | (With Department Permission) |
| HS319 | History of New England | |
| HS301 | Historical Methods | |
| HS410 | Senior Research Seminar | |
| HS001 | History Competency Exam | |
| P0201 | U.S. Government | |

One of the following non-western history electives: HS233, HS325, HS326, HS362, or HS364

**If you have taken HS323, choice of: HS229, HS327, HS333; HS337 or HS340*

****If you have taken HS324, choice of: HS313, HS314, HS320, HS341, HS370 or HS371**

Recommended Curriculum Guide

Freshman Year

Fall Semester

- | | |
|-------|---|
| IC101 | Individual and Community Laboratory Science I |
| IC105 | College Writing I |
| ED112 | Foundations and Issues in Education |
| | <i>or</i> |
| ED105 | Educational Psychology |
| | Academic Major Course |

Spring Semester

- | | |
|-------|-------------------------------------|
| IC106 | College Writing II |
| | Laboratory Science II |
| ED112 | Foundations and Issues in Education |
| | <i>or</i> |
| ED105 | Educational Psychology |
| | Academic Major Course |
| | Academic Major Course |

Sophomore Year

Fall Semester

- | | |
|-------|------------------------------------|
| IC205 | Experiencing the Arts* |
| IC210 | American Experience |
| IC212 | Challenge of Business in Society** |
| ED224 | Curriculum I |
| ED255 | Field Experience I |
| _____ | Academic Major Course |
| _____ | Academic Major Course |

Spring Semester

- | | |
|-------|---------------------------------------|
| IC206 | Music in Our World* |
| IC260 | Twentieth Century |
| ED221 | Classroom Organization and Management |
| _____ | Math Requirement |
| _____ | Academic Major Course |
| _____ | Academic Major Course |

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

****** *May be taken in the fall or the spring*

Junior Year

Fall Semester

- | | |
|-------|---|
| IC305 | Science of Society * |
| IC310 | Ancient & Medieval Worlds** |
| ED350 | Content Area Literacy
(English Certification only) |
| _____ | Academic Major Course |
| _____ | Academic Major Course |
| _____ | Academic Major Course |

Spring Semester

- | | |
|-------|--|
| IC360 | Reason & Romanticism** |
| ED312 | Teaching Students w/ Special Needs |
| ED316 | Integration Through Social Studies (Social Science Certification only) |
| ED256 | Field Experience II |
| _____ | Academic Major Course |
| _____ | Academic Major Course |

* May be taken in the fall or spring semester

**** One of these two courses must be taken**

Senior Year

Fall Semester

- | | |
|-------|------------------------------------|
| _____ | Senior Capstone |
| 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	ED221	Classroom Organization and Management
ED112	Foundations and Issues in Education	ED224	Curriculum I
ED255	Field Experience I	ED351	Elementary Art Methods
ED256	Field Experience II	ED352	Secondary Art Methods
ED257	Field Experience III	ED487	Student Teaching Seminar
ED312	Teaching Students with Special Needs	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
	<i>or</i>
ED105	Educational Psychology
	Academic Major Course

Spring Semester

IC106	College Writing II
	Laboratory Science II
ED112	Foundations and Issues in Education
	<i>or</i>
ED105	Educational Psychology
	Academic Major Course
	Academic Major Course

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
ED224	Curriculum I
ED255	Field Experience I
	Academic Major Course
	Academic Major Course

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
ED221	Classroom Organization and Management
	Math Requirement
	Academic Major Course
	Academic Major Course

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
ED351	Elementary Art Methods
ED256	Field Experience II
	Academic Major Course
	Academic Major Course

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason & Romanticism**
ED312	Teaching Students with Special Needs
	Academic Major Course
	Academic Major Course
	Academic Major Course

** One of these two courses must be taken

Senior Year

Fall Semester

	Senior Capstone
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

Certification through the Graduate and Professional Studies Division

Students who decide too late in their undergraduate program to complete all of their degree requirements and certification requirements within four years may consider the Graduate Certification/M.Ed. Program to complete their certification. This program offers students who possess appropriate bachelors degrees a means to acquire teaching credentials in Elementary Education, English Language Arts for Grades 5-12, Biology for Grades 7-12, Social Studies for Grades 5-12, or Programs for Students with Disabilities.

Education Curriculum

ED100 Recorder for the Classroom Teacher

1 credit

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

ED105 Educational Psychology

3 credits

Application of psychological research to the processes of teaching and learning in the elementary, middle 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

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 Classroom Organization and Management

3 credits

Focuses on various middle school and secondary classroom organization structures; management techniques of instruction, students, space, time, and resources; models to deal with discipline in the classroom; and ways in which issues in content literacy will impact classroom management. Theory-based effective application of a variety of approaches will be emphasized.

Prerequisites: ED105 and ED112.

Spring

ED224 Curriculum I

2 credits

Focuses on teaching models and theories, 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 ED255 Field Experience I. Prerequisite: ED105 and ED112.

Fall

ED225 Curriculum II

2 credits

Continues 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 and models of cooperative learning. *Must be taken concurrently with ED257. Prerequisites: ED224 and either ED231 or ED263.*

Spring

ED231 Primary Literacy**3 Credits**

Emphasizes developmental characteristics of children as they learn to read and write. Students will become familiar with basal readers and the appropriate literature for grades K-3. They will focus on teaching decoding strategies, including phonics and the use of context clues, as well as spelling and handwriting. Involves intensive tutoring experience. *Prerequisite: ED105 or ED112. Students need to allow for morning tutoring time (5-6 hours/week) in their schedules.*

Fall/Spring

ED255 Field Experience I**1 credit**

Includes 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. *Professional attire and travel to local schools is required for this experience. Must be taken concurrently with ED224.*

Fall

ED256 Field Experience II**1 credit**

The content and activities of this seminar include supervised experiences teaching special needs students in school settings; observation and implementation of curricula, methods and materials; and scheduled seminars for discussing and critiquing practicum experiences. *Professional attire and travel to local schools is required for this experience. Must be taken concurrently with ED312 (except art students).*

Fall/Spring

ED257 Field Experience III**1 credit**

The content and activities of this seminar 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. *Professional attire and 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**

Includes 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 literary 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/Spring

ED263 Primary Discovery**3 credits**

New programs, hands-on curriculum projects, and children's literature are emphasized. Students will focus on child development as it relates to movement, mathematics and scientific conceptual development in grades K-3. The inquiry/discovery methods of instruction are practiced. In the design of lesson and unit plans, attention is given to state (NH) frameworks and national (NCTM, NSTA, AAAS, and others) standards. *Prerequisite: ED105 or ED112.*

Fall/Spring

ED300 Historical Perspectives on American Education**3 credits**

Students will follow topics from historic roots through present times. Focus of the course will vary with the assignment of individual faculty members. Topics may include the transformation from junior high schools to middle schools, immigrant education and the role of language, and curricula evolution. 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.

Fall

ED310 Current Topics in American Education**3 credits**

The focus of this class will vary, depending on the expertise of the faculty member teaching and new initiatives at the state or national level. Topics may include violence and safety in public schools, funding challenges, gender differences and women in education, and alternative education programs. 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.

Spring

ED312 Teaching Students with Special Needs**3 credits**

Focuses 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: ED105 and ED112. Students in Elementary and Secondary Education programs must take this concurrently with ED256.*

Fall/Spring

ED314 Challenges in Mathematics and Science**3 credits**

Students will become familiar with topics explored through mathematics and science in grades 4-8. Lesson plan assignments will include both inductive and direct teaching, while incorporating appropriate equipment and technology. Experiential educational opportunities will be explored. *Prerequisite: ED263.*

Fall

ED316 Integration through Social Studies**3 credits**

Students will explore curriculum models and topics for social studies in grades K-12. They will review periods of history and diverse geographic areas through children's literature. Concepts of culture will be explored through art and music. Unit plans will incorporate a variety of qualitative assessment devices. Emphasis will be placed on strategies that encourage critical thinking, creative thinking, and media literacy. *Prerequisite: ED224.*

Spring

ED350 Content Area Literacy**3 credits**

Focuses strategies for developing reading and writing across the curriculum as well as enhancing listening and study skills in grades 4-8. Students will be required to design an interdisciplinary thematic unit. A study of quantitative assessment will include discussion of state and national accountability initiatives. *Prerequisite: ED224.*

ED351 Elementary Art Methods**2 credits**

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. Must be taken concurrently with ED256.*

Fall

ED352 Secondary Art Methods**2 credits**

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 permission of the instructor. Must be taken concurrently with ED257.*

Fall

ED360 Principles of Secondary School Teaching**3 credits**

Principles of Secondary School Teaching is composed of two parts, encompassing the following:

Part I:

32 interdisciplinary in-class instruction hours at Franklin Pierce College. This interdisciplinary methods component is developed to meet the certification requirements of Biology, English, and Social Studies students.

Part II:

22 instructional hours at either a middle school or high school. Teaching methods taught by master teacher (in each of the certification fields), focusing on specific content specialty areas.

Students will take ED257, the last component of their Field Experience, concurrently with this course, which will encompass 30 hours.

ED483 Elementary Student Teaching Seminar

1 credit

Taken concurrently with ED490 Elementary Student Teaching. It is comprised of weekly student teaching debriefing sessions focusing on ongoing issues during the 16-week student teaching experience.

Fall/Spring

ED487 Secondary/K-12 Art Student Teaching Seminar

1 credit

Taken concurrently with ED492 Secondary/K-12 Art Student Teaching. It is comprised of weekly student teaching debriefing sessions focusing on ongoing issues during the 16-week student teaching experience.

Spring

ED490 Elementary Student Teaching

14 credits

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, permission of the Program Director, completion of all required Education courses, cumulative GPA of at least 2.5, and a passing score on all three sections of the Praxis I exams.*

Fall/Spring

ED492 Secondary/K-12 Art Student Teaching

14 credits

Students experience two 8-week sequentially developed placements. Secondary students will work in a middle school and a high school. K-12 Art students will work in a K-8 classroom and a high school classroom. These placements encompass 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, permission of the Program Director, completion of all required Education courses, cumulative GPA of at least 2.5, and a passing score on all three sections of the Praxis I exams.*

Spring

English (EN)

PROFESSORS: Gerald T. Burns, Sarah Dangelantonio, James F. Maybury

ASSISTANT PROFESSORS: Joan Dion, Donna Decker Reck

LECTURERS: Michael Barrett, Read Gildner-Blinn, James Sky, Mark Watman

A Bachelor of Arts degree is offered in English.

A major and a minor are offered in English.

The English Department seeks to develop the student's ability to write effectively, to read intelligently and to appreciate the forms of literature. Faculty regard the teaching of writing and the teaching of literature as equally important, and regularly assign outside reading and a considerable amount of writing, in and out of class.

Creative Writing is offered as a concentration within the major or as a minor for non-majors.

The department affirms the value of history and philosophy to the student of literature and encourages the study of foreign languages.

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.

A major in English provides valuable preparation for careers in professional areas such as law, government, business, banking, teaching, advertising, and public relations as well as those fields usually considered “literary” in nature: editing, publishing, journalism, or librarianship.

The Writing Center, staffed by members of the English Department and peer tutors, is a resource to which any student with writing 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 66 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 100), 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 <i>or</i>	
EN311 Shakespeare: Tragedies and Poems	3 credits
EN492 Senior Seminar	3 credits
EN010 English Competency Oral Exam - Literature Track ...	Fall Semester
EN020 English Competency Exam - Writing Track	Spring Semester

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
EN115 Banned Books	3 credits
EN215 Beyond Britain and America	3 credits
EN270 Women Writers	3 credits
EN304 Chaucer	3 credits
EN305 Epic and Romance	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 Introduction to Creative Writing	3 credits
EN235 Fiction Workshop	3 credits
EN237 Poetry Workshop	3 credits
EN241 Editing and Publishing (Laboratory)	4 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
MC211 Journalism I	3 credits
MC212 Broadcast Journalism	3 credits
MC252 Journalism II	3 credits
MC273 Writing for the Electronic Media	3 credits
MC352 Feature Newswriting	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

Requirements for the Minor in Creative Writing or the Creative Writing Concentration for English Majors (Literature Track) - 19 credits

EN220 Introduction to Creative Writing	3 credits
EN241 Editing and Publishing (Laboratory)	4 credits
Four Electives in Writing	12 credits

Students must take at least three writing electives selected from the list under Writing Track. A minor in Creative Writing may include no more than one course from outside the English Department offerings. A Creative Writing Concentration for English Majors may include no more than two courses from outside the English Department offerings.

Required for Graduation:

120 semester hours, including the 38-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

<i>Fall Semester</i>		<i>Spring Semester</i>	
IC101	Individual and Community	IC106	College Writing II
IC105	College Writing I	_____	Laboratory Science II
_____	Laboratory Science I	EN204	Intro to American Literature
_____	Elective	_____	Elective
_____	Elective	_____	Elective

Sophomore Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
IC205	Experiencing the Arts*	IC206	Music in Our World*
IC210	American Experience	IC260	Twentieth Century
_____	Mathematics Requirement	IC212	Challenge of Business in Society**
EN203	Introduction to British Literature	EN__	English Elective
EN210	Introduction to Literary Studies	EN__	English Elective
_____	Elective	_____	Elective

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

** May be taken in the fall or the spring

Junior Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
IC305	Science of Society *	IC360	Reason & Romanticism**
IC310	Ancient & Medieval Worlds**	EN__	English Elective
EN__	English Elective	EN__	English Elective
EN__	English Elective	_____	Elective
_____	Elective	_____	Elective
_____	Elective		

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
IC410	Senior Liberal Arts Seminar	EN020	English Competency Exam
EN010	English Competency Exam		/Literature Track
/Writing Track		EN492	Senior Seminar
EN__	English Elective	EN__	English Elective
_____	Elective	EN__	English Elective
_____	Elective	EN__	English Elective
		_____	Elective

English Curriculum

Courses in Literature

EN010 English Competency Oral Exam - Literature Track

EN020 English Competency Exam - Writing Track

Taken in the fall or spring semester of the senior year. In the Literature and Graduate Tracks, an oral defense based on one critical paper written by the student on a work selected by the English faculty, oral analysis of a work selected by the student, and explication of a poem chosen by the English faculty. For the Writing Track, presentation of a body of the student's original creative work, a literacy autobiography, and a written and oral analysis of a text chosen by the English faculty.

Fall semester

Spring Semester

- EN110 American Mosaic: Multicultural Literature in the United States** **3 credits**
A survey of minority literatures, including African-American, Chinese-American, Native American, and others.
- EN112 Villains, Vengeance, and Violence** **3 credits**
Explores the Gothic genre as both a literary mode and cultural phenomenon. Beginning with a detailed analysis of the cultural context in which the gothic novel was first produced in Britain, the course will then investigate selected texts from other historical moments which might also get construed as “gothic,” including American appropriations of the gothic in both the 19th and 20th centuries.
- EN115 Banned Books** **3 credits**
Explores the phenomenon of book banning. It will take a critical look at historical/cultural circumstances surrounding specific instances of book banning throughout the world. Several banned books will be read.
- 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.*
- EN270 Women Writers** **3 credits**
A 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.*
- 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.*
- EN318 The Eighteenth Century Novel** **3 credits**
A study of selected works of Smollett, Sterne, Defoe, Fielding and their contemporaries. *Prerequisites: EN203 and EN210.*
- EN321 English Romanticism** **3 credits**
A study of selected works of Wordsworth, Coleridge, Byron, Keats, Shelley, Lamb, Hazlitt, and DeQuincey. *Prerequisites: EN203 and EN210.*

- EN324 Victorian Prose and Poetry** **3 credits**
 A study of selected works of 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.*
- EN422 Writing for Publication** **3 credits**
 An advanced seminar intended to prepare students for a professional writing career. Students will further develop expertise in their writing as well as marketing and publishing their work. *Prerequisites: IC105 and IC106 and EN220 or EN235.*
- 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, EN210 and permission of English major advisor.*
- EN491 Senior Internship** **1–6 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**
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 and IC106.*

EN220 Introduction to Creative Writing **3 credits**
Introduction to writing in the creative genres of fiction, nonfiction, poetry and drama. Through the study and the composition of texts in these genres, students will acquire a working knowledge of fundamental aspects of literary form and craft, and an understanding of literature as an interactive enterprise involving both writing and reading, critical and creative endeavor.

EN235 Fiction Workshop **3 credits**
A course in the basic techniques of fiction writing. Readings from major works selected for their relevance. *Prerequisites: IC105 and IC106.*

EN237 Poetry Workshop **3 credits**
A course in the basic techniques of writing poetry. Readings from major works selected for their relevance. *Prerequisites: IC105 and IC106.*

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 and IC106.*

EN410 The Teaching of Writing **3 credits**
Examines current theories of the composing process with emphasis on information generating, audience awareness, error analysis, and the evaluation of writing. Students design writing assignments for secondary school students and write using forms and subjects of their own choice. *Prerequisites: IC105, IC106 and EN210.*

EN417 Advanced Fiction Workshop **3 credits**
Advances the skills learned in the elementary course and to add the skills to preparing a manuscript for submission to a publisher. *Prerequisites: IC105, IC106 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 each**
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 3.00. 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 PROFESSORS: Catherine R.O. Koning, Rhine Singleton

ASSISTANT PROFESSOR: Jacques Veilleux

AFFILIATED FACULTY: Frank Cohen (Political Science), Harry G. Davis

(Biology), James Donelan (Philosophy), John Harris (English), Peter

Hipson (Computer Information Technology), Frank Hubacz, Jr.

(Chemistry), Linda Malmgren (Biology), Frederick S. Rogers (Geology)

Bachelor of Arts and Bachelor of Science degrees are offered in Environmental Science.

A minor is offered in Environmental Studies.

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) major core requirements, (2) major electives, and (3) an area of emphasis.** Major 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.

The Bachelor of Arts (BA) degree is appropriate for the student who is seeking a strong background in environmental science as preparation for a career that does not require graduate training in science. The Bachelor of Science (BS) degree provides necessary coursework for a student who seeks to build a career as a scientist, and who therefore will need to consider attending graduate school in a scientific field.

Honors in Environmental Science are awarded to students achieving a 3.25 grade point average in major courses. 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 66 for information on the Secondary Teacher Certification Program.

BA in Environmental Science

Major Core Requirements*

In addition to the Individual and Community Curriculum (page 100), the following courses selected for the major must be completed successfully, with a grade point average of at least 2.00:

BI101-102 Biology I and II

ES101 Environmental Science

CH101-102 Chemistry I and II *or*

GL101-102 Geology I and II

One semester of Mathematics at the MT151 level or above

BI/ES218 Ecology

ES480 Junior Seminar

ES481 Senior Thesis *or*

ES460 Internship

Major Electives (see below)

Area of Emphasis (see below)

BS in Environmental Science

Major Core Requirements*

In addition to the Individual and Community Curriculum (page 100), the following courses selected for the major must be completed successfully, with a grade point average of at least 2.00:

BI101–102 Biology I and II
ES101 Environmental Science
CH101–102 Chemistry I and II
CH211–212 Organic Chemistry I and II
One year of Mathematics at the MT151
level or above including MT221 Calculus
or MT260 Statistics

Major Electives (see below)

Area of Emphasis (see below)

BI/ES218 Ecology
ES480 Junior Seminar
ES481 Senior Thesis

* Recommended for Graduate School: Calculus I, II; Physics I, II

Major Electives

Same for both B.A. and B.S. Cannot double count with Major Core Requirements or Areas of Emphasis.

ONE of the following: (3-4 credits)

Natural History: BI221 Entomology*, BI223 Local Flora, BI250 Plant Biology*, BI312 Vertebrate Zoology*, ES/BI217 Tropical Forest Ecology, ES/BI320 Wetland Ecology and Protection, ES/BI430 Forest Ecology, ES/BI365 Limnology, ES/BI342 Wildlife Conservation and Management, BI231 Animal Behavior, GL101-102 Geology I-II

Two of the following: (6 credits)

Policy/Social Major Elective: ES310 Environmental Impact Assessment, ES/PO344 Environmental Politics, ES/PA306 Philosophy of Science and Nature, ES/BA265 Law and Environment, ES/AN434 Environmental Anthropology, ES210 Evolution of Environmental Thought, ES340 Sustainable Communities

ONE of the following: (3-4 credits)

Quantitative Major Elective: CH312 Quantitative Analysis, ES/BI365 Limnology, ES/CH221 Environmental Chemistry, ES222 Introduction to GIS, ES230 Intermediate GIS, ES/BI430 Forest Ecology, BI355 Ecophysiology*, BI351 Endocrinology*

* Must be taken by students seeking Secondary Education Certification

Areas of Emphasis

Choose any four courses from one group for BA, any three courses for BS. Cannot double count with Major Core Requirements or Major Electives.

1. Conservation Science/Ecology

BI211 Genetics
BI221 Entomology
BI223 Local Flora
BI250 Plant Biology
BI312 Vertebrate Zoology
ES/BI217 Tropical Forest Ecology
ES/BI320 Wetland Ecology and Protection
BI231 Animal Behavior
ES/BI 430 Forest Ecology
ES/BI365 Limnology
ES/BI342 Wildlife Conservation
and Management
GL101 or 102 Geology I-II
ES222 Introduction to GIS
ES230 Intermediate GIS

2. Chemistry/Water Resources

CH211-212 Organic Chemistry I & II
CH312 Quantitative Analysis
ES/BI365 Limnology
ES/CH 221 Environmental Chemistry
ES/BI320 Wetland Ecology and Protection

3. Education (for Secondary School State Certification in Biology**)

BI211 Genetics
BI212 Cellular Biology
BI231 Animal Behavior or
ES/BI342 Wildlife Conservation
and Management
PH101-102 Physics I & II

4. Education (non-certification)

- ED105 Educational Psychology
- ED224 Curriculum II
- ED263 Primary Discovery
- ED314 Challenges in Math and Science
- AS301 Place, Community and American Culture
- ES210 Evolution of Environmental Thought

5. Ethics/Community

- ES/PA306 Philosophy of Science and Nature
- ES/AN434 Environmental Anthropology
- AS301 Place, Community and American Culture
- ES210 Evolution of Environmental Thought
- ES340 Sustainable Communities
- PA214 Modern Philosophy
- SO203 Community Organization

6. Law and Enforcement

- ES310 Environmental Impact Assessment
- ES/BI320 Wetland Ecology and Protection

- ES/PO344 Environmental Politics
- ES/BA265 Law and Environment
- ET101 Principles of Economics I
- CJ101 Intro. to Criminal Justice
- CJ201 Police Work

7. Parks & Natural Resource Management

- SR243 Programming in Sports and Recreation Management
- SR346 Parks & Natural Resource Management
- ES/BI342 Wildlife Conservation and Management
- ES222 Introduction to GIS
- ES230 Intermediate GIS
- ES310 Environmental Impact Assessment
- ES/BI320 Wetland Ecology and Protection

8. Physical/Geographic Resources

- PH101-102 Physics I & II
- GL101-102 Geology I-II
- ES/CH 221 Environmental Chemistry
- ES222 Introduction to GIS
- ES230 Intermediate GIS

****Secondary Education Certification** requires completion of ALL courses listed in the Education Area of Emphasis as well as courses in the Secondary Education Program. Student needs an education advisor and approval through the Education Department. Refer to Education Department Teacher Handbook.

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
- BI102 Biology II or AN102 Human Origins
- ES/BI342 Wildlife Conservation and Management
- ES/BI320 Wetland Ecology and Protection

One of the following:

- ES/BI217 Tropical Forest Ecology
- ES/BI430 Forest Ecology
- ES/GL205 Environmental Geology

One of the following:

- ES/BA265 Law and the Environment
- ES310 Environmental Impact Assessment
- ES/PO344 Environmental Politics

Required for Graduation:

120 semester hours, including the 38-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

IC101	Individual and Community
IC105	College Writing I
BI101	Biology I
MT___	Mathematics Requirement
___	Elective

Spring Semester

IC106	College Writing II
BI102	Biology II
ES101	Environmental Science
___	Elective

Suggested freshman electives: Introduction to Computer Information Technology, Geology I-II, Physics I-II, Sustainable Communities.

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
CH101	General Chemistry I
ES/BI218	Ecology
MT260	Statistics, or
MT221	Calculus

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
CH102	General Chemistry II
ES/BI342	Wildlife Conservation and Management
___	Elective
___	Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
___	Area of Emphasis #1
___	Major Elective #1
___	Elective

Spring Semester

IC360	Reason & Romanticism**
ES480	Junior Seminar in Environmental Science
___	Area of Emphasis #2
___	Major Elective #2

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

___	Senior Capstone
___	Area of Emphasis #3
___	Major Elective #3
___	Elective
___	Elective

Spring Semester

ES481	Senior Thesis
___	Major Elective #4
___	Elective
___	Elective
___	Elective

Environmental Science Curriculum

ES101 Environmental Science (laboratory)

4 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. Laboratory focuses on the qualitative and quantitative evaluation of environmental problems and the development of solutions. Required of all Environmental Science majors.

ES/GL205 Environmental Geology (laboratory) 4 credits

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: ES101 or GL101*

ES210 Evolution of Environmental Thought 3 credits

Surveys 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

Introduces 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. 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. *Prerequisite: BI102*

Fall-January, alternate years

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

ES/CH221 Environmental Chemistry (laboratory) 4 credits

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

ES/CIT222 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 provide an introduction to cartographic principles and 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.

Spring, even years

ES/CIT230 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. *Prerequisite: ES222*

Spring, odd years

ES/PA306 Philosophy of Science and Nature 3 credits

Investigates the human relationship with nature: how humans define nature and how they interact with it. 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).

Spring, even years

ES310 Environmental Impact Assessment 3 credits

Demonstrates 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.*

Spring, odd years

ES/BI320 Wetland Ecology and Protection (laboratory)

4 credits

Examines 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. *Prerequisite: ES101 or BI218.*

Fall, even years

ES340 Sustainable Communities

3 credits

Students learn what it takes to create a sustainable community through hands-on service learning projects. Students conduct research and propose specific plans to address a specific existing environmental issue in a local community, such as assessing the impacts of a proposed development, reducing air pollution, or increasing recycling.

ES/BI342 Wildlife Conservation and Management

3 credits

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.*

Spring, alternate years

ES/P0344 Environmental Politics

3 credits

Develops 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.

Spring, even years

ES/MC353 Environmental Journalism

3 credits

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 outdoors. *Prerequisite: MC211 or permission of instructor.*

Fall, alternate years

ES/BI430 Forest Ecology (laboratory)

4 credits

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 campus, and will emphasize quantitative techniques for the collection and interpretation of field data, as well as basic natural history. *Prerequisites: BI218 and MT260, or permission of instructor.*

Fall, odd years

ES/AN434 Environmental Anthropology

3 credits

Considers the interaction 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

2 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 3.00 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.

Geology (GL)

ASSOCIATE PROFESSOR: Frederick S. Rogers

Geology Curriculum

GL101–102 General Geology I and II (laboratory)

4 credits each

Provides 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 the tectonic and biological history of the planet.

GL/ES205 Environmental Geology (laboratory)

4 credits

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.

Global Citizenship Certificate (GCC)

STEERING COMMITTEE AND CORE FACULTY: Jean Blacketer (Professional Studies), Gerald Burns (English), Susan Oehlschlaeger (International Student Services), Debra Picchi (Anthropology), Benjamin Treat (Library Services)

A certificate is offered in Global Citizenship.

The Global Citizenship Certificate is an interdisciplinary program that offers an integrative approach to learning about the interconnections among societies. The program builds on the premise that in spite of many new connections, the world remains fragmented. It aims to give students support and opportunity to make the effort to build a global community that involves human interdependence, equality, and justice. It provides a supportive environment for students which assists them in the development of leadership skills through a program that integrates theory and practice. To meet this goal, the program combines academic study with participation in internships both on and off campus.

The program complements the needs of professionals in fields including: cultural an-

thropology, education, social services, business management, public administration, public relations, marketing, sports and recreation, criminal justice, journalism, community development, and politics.

Requirements

Students intending to earn the Global Citizenship Certificate are required to complete 13 credits of course and internship work. Of these credits, either AN220 Global Problems (3 credits) or EN215 Beyond Britain and America: Other Literatures in English (3 credits), GCC490 The Global Citizenship Seminar (1 credit), and a three credit internship in the student's major area or The Walk or a semester's study abroad are required. Two additional courses (6 credits) must be chosen from the courses listed in this section. Students are advised to link the courses they take with the internship work they choose to do.

Global Citizenship Certificate Curriculum

AN101 Introduction to Cultural 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.

PO205 Contemporary World Affairs 3 credits

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.

AN211 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

MU214 World Music 3 credits

A survey of the music of the world other than western and popular music. The place of music in societies and its connections with other arts. Music of primitive cultures, the music of the high cultures of Asia, and the folk music of western cultures.

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.*

BI/ES217 Tropical Forest Ecology 4 credits

Introduces 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. 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. *Prerequisite: BI102.*

Fall-January, alternate years

AN220 Global Problems 3 credits

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

AN225 Women Around the World**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.

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. Designed to help the student develop an understanding of an area of critical importance to world peace and of major national interest to the United States.

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: IC260 or one HS200-level course.*

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 super-power today. *Prerequisite: IC260 or one HS200-level course.*

IB364 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: ET101 and FM224.*

Fall

MK365 International Marketing**3 credits**

The structure of foreign and home-based marketing and the financial features of international marketing. *Prerequisites: ET101, ET102, MK201 and MN201.*

Fall

GCC490 Global Citizenship Seminar**1 credit**

Provides a forum for students who have recently engaged in, or are currently enrolled in, a Global Citizenship internship or who have completed an approved study abroad. During the semester they will complete readings on various kinds of leadership and on global issues, give presentations about their internship experiences, and write about the ways in which their leadership and global experiences will enrich their futures. The focus is on students having the opportunity to synthesize their academic and hands-on leadership experiences. *Prerequisites: declared candidacy for the Global Citizenship Certificate program, plus either completion of, or current enrollment in, an approved leadership internship, or completion of an approved study abroad.*

Graphic Communications (GC)

PROFESSORS: Richard Block, Robert E. Diercks

ASSISTANT PROFESSOR: Jay Hill

LECTURER: Coni Porter

A Bachelor of Arts degree is offered in Graphic Communications.

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. 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.

Departmental Honors in Graphic Communications are awarded students achieving a 3.25 grade point average in required major courses. High Honors are awarded those achieving a grade point average of 3.50 or above in required major courses.

Major Requirements

The following 16 courses are required for a major in Graphic Communications (in addition to the Individual and Community Curriculum page 100):

FA101	Two-Dimensional Design	FA201	Drawing I
FA102	Three-Dimensional Design	FA302	Drawing II
FA286	19th & 20th Century Art (or Art 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	GC491	Internship I
GC371	Computer Graphic Design I	GC492	Internship II

Recommended Electives:

GC227	Calligraphy	GC372	Computer Graphic Design II
GC261,	Color Photo. Workshop I	FA312	Creative Photography II
GC 362	Color Photo. Workshop II	FA313	Creative Photography III
GC320	Book Design	FA314	Creative Photography IV
GC 368	Commercial Photography II	CIT102	Intro. to Information Technology
FA303	Drawing III	MC100	Communication, Media and Society
FA304	Drawing IV	MK201	Principles of Marketing
FA_____	Art Studio Course		
FA_____	Art History Period Course		

Required for Graduation:

120 semester hours, including the 38-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

<i>Fall Semester</i>		<i>Spring Semester</i>	
IC101	Individual and Community	IC106	College Writing II
_____	Laboratory Science I	_____	Laboratory Science II
IC105	College Writing I	GC251	Graphic Production
FA101	Two-Dimensional Design	FA201	Drawing I
GC201	Graphic Design I	FA102	Three-Dimensional Design

Sophomore Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
IC205	Experiencing the Arts*	IC206	Music in Our World*
IC210	American Experience	IC260	Twentieth Century
IC212	Challenge of Business in Society**	_____	Math Requirement
GC302	Graphic Design II	FA281-285	Art History Period Course
FA211	Creative Photography	GC321	Typography
_____	Elective	_____	Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester		Spring Semester	
IC305	Science of Society *	IC360	Reason & Romanticism**
IC310	Ancient & Medieval Worlds**	GC367	Commercial Photography
GC371	Computer Graphic Design I	_____	Elective
FA302	Drawing II	_____	Elective
GC491	Internship I	_____	Elective
* May be taken in the fall or spring semester		** One of these two courses must be taken.	

Senior Year

Fall Semester		Spring Semester	
GC341	Illustration	GC403	Graphic Design III
GC492	Internship II	_____	Elective
_____	Elective	_____	Elective
_____	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

At least one Graphic Communications elective

- GC367 Commercial Photography
- GC371 Computer Graphic Design I
- GC341 Illustration
- GC472 Computer Graphic Design II
- GC227 Calligraphy

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.*

GC251 Graphic Production 3 credits

Introduces students to all steps of the production process, from initial design concept through the printed page. Macintosh-based software, including Quark XPress, is used in preparing art for reproduction, and students will gain hands-on experience in color, file, and font management. Paper varieties and various methods of print reproduction are examined along with their characteristics and requirements. On-site visits to print shops and a paper mill give students an in-depth look at the entire process. *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 re-

flect the range of assignments in a studio, agency or in-house design situation. *Materials fee.* *Prerequisite:* GC201.

GC320 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.

GC321 Typography

3 credits

Enables 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.

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:* FA302.

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 Macintosh desktop publishing applications with an introduction to high-resolution paint programs and draw programs, along with additional study of other application possibilities for computers in the graphic arts field. *Materials fee.* *Prerequisite:* GC302, or permission of instructor.

GC376/MC376 Fundamentals of Animation

3 credits

This intermediate course is designed to introduce students to the field of animation. Will focus on the creation of 3-D computer animations; and students will create traditional animations as well. Course will provide an overview of animation history from traditional animators in the silent era to modern-day computer animators. Students will experience all stages of the animation process from pre-production (storyboarding, creating a soundtrack) to production (modeling, skeletons, keyframing) and post-production (lighting, rendering, editing). *Prerequisites:* MC230 or GC371 (both suggested) and Junior standing, 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. Adherence to deadlines and high quality results are emphasized. *Materials fee.* *Prerequisites:* GC302 and Senior standing.

GC472 Computer Graphic Design II

3 credits

Continues 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 Internship in Graphic Communications I **3 credits**
GC492 Internship in Graphic Communications II **3 credits**

The first part of this course is usually taken during the fall semester of the junior year. It provides the tools and skills needed for securing internship employment such as resumé and cover letter writing, job searching, and interview skills. A total of 240 hours of employment will be completed during the summer between the junior and senior years. The second part is taken during the fall semester of the senior year. It provides a means for students' self-evaluation, assessment of the student's internship employment, and updating of resúmes to reflect their work experience. *Prerequisite: Graphic Communications Junior standing or permission of instructor.*

GC299, 399, 499 Independent Study in Graphic Communications **2-6 credits each**
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)

ASSOCIATE PROFESSORS: Mary C. Kelly, Douglas A. Ley
ASSISTANT PROFESSOR: Anne Huebel
SENIOR LECTURERS: Joni Doherty, Nickolas Lupinin
LECTURER: Steve Wilson

A Bachelor of Arts degree is offered in History.

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 Non-Western History, with either the American or European field 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 require 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 the history competency exam.

Students who intend to teach History (Social Science) in high school should refer to page 67 for information on the Secondary Teacher Certification Program.

Major Requirements

(In addition to the Individual and Community Curriculum, page 100)
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	HS410	Senior Research Seminar
HS301	Historical Methods		

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 in that area).

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 38-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

IC101 Individual and Community
 _____ Laboratory Science I
 IC105 College Writing I
 HS__ 100 level course
 _____ Elective

Spring Semester

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

Sophomore Year

Fall Semester

IC205 Experiencing the Arts*
 IC210 American Experience
 IC212 Challenge of Business in Society**
 HS__ 200 level course
 _____ Elective
 _____ Elective

Spring Semester

IC206 Music in Our World*
 IC260 Twentieth Century
 _____ Mathematics Requirement
 HS__ 200 level course
 _____ Elective
 _____ Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305 Science of Society *
 IC310 Ancient & Medieval Worlds**
 HS301 Historical Methods
 HS__ 300 level course
 _____ Elective

Spring Semester

IC360 Reason & Romanticism**
 HS__ 300 level course
 HS__ 300 level course
 _____ Elective
 _____ Elective

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

HS410 Senior Research Seminar
 HS__ 300 level course
 HS__ 300 level course
 _____ Elective
 _____ Elective

Spring Semester

_____ Senior Capstone
 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 Introduction to Geography**3 credits**

Provides an overview of how the physical features of the earth have influenced the development of society.

Fall

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?” Explores social and cultural change in the United States since 1945. Includes 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**

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. Culminates with 20th century modern totalitarianism. Among figures to be discussed are Caesar, Caligula, Stalin and Hitler.

HS132 History and Film**3 credits**

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, feature films, and an examination of film as historical evidence for practicing historians.

HS134 Terrorism: History, Impact, Ideology**3 credits**

Terrorism in its modern incarnation will be looked at from an historical perspective. We will consider individual and state sponsored terrorism. Emphasis will be on the period from the late 18th century to the present day. Among the areas of the world to be addressed will be France, Russia, India, Algeria, and the Middle East.

HS136 Germs and Genes: Western Medicine and Society, 1850-1920**3 credits**

Studies the ways in which medical theories interacted with social and cultural values in the U.S. and western Europe from 1850-1920. The course will focus on the development of germ theory, eugenics, and public health initiatives. Topics for discussion will include state enforcement of quarantines for infectious diseases, popular protest against mandatory vaccination laws, and proposals for state and individual control of reproduction based on eugenic theories.

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. Addresses the rise of the U.S. as a world power and involvement in two world wars.

HS204 U.S. History Since 1945**3 credits**

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

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

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

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 and Twentieth Century Europe

3 credits

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

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

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. Helps the student 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. *Prerequisite: one HS200-level course.*

HS313 U.S. Labor History

3 credits

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: one HS200-level course.*

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. *Prerequisite: one HS200-level 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, and 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: one HS200-level course.

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. *Prerequisite: IC210 or one HS200-level course.*

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? Studies 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. *Prerequisite: one HS200-level course.*

HS323: Topics in American Cultural and Intellectual History**3 credits**

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. *Prerequisite: one HS200-level course.*

HS324: 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. *Prerequisite: one HS200-level course.*

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: one HS200-level course.

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: one HS200-level course.*

HS327 European Diplomacy Since 1815**3 credits**

Focuses 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: one HS200-level course.

HS328 Early Modern Britain, 1485-1760**3 credits**

Britain from 1485 to 1760, with particular attention to the Reformation, overseas exploration and the beginning of the empire, the relationship between the monarchy and Parliament, the

constitutional crises of the 17th century and their settlement in the 18th century, the development of the office of prime minister and a political patronage system, and changes in social structures, institutions, and ideologies.

HS333 History of Modern Britain

3 credits

British culture and institutions since 1760, including the development of a modern democracy and political system, movements for equal rights, development and decline of the empire, and Britain's interactions with Europe and the world. *Prerequisite: one HS200-level course.*

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: one HS200-level course.*

HS 340 Ireland Since 1500

3 credits

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. Explores the popularity of Irish arts and literature in the later twentieth century. *Prerequisite: one HS200-level course.*

HS/WS341 American Women's History: Beyond Sisterhood

3 credits

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. *Prerequisite: one HS200-level course.*

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: IC260 or one HS200-level course.*

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 super-power today. *Prerequisite: IC260 or one HS200-level course.*

HS370 U.S. Foreign Relations to 1914

3 credits

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: one HS200-level course.*

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: one HS200-level course.*

HS400 Readings in History

3 credits

A tutorial in an area not covered by a formal 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 both 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 each

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)

PROFESSORS: Richard Block, Carl Brezovec, Gerald Burns, Paul Bush, Frank Cohen, Kelli Costa, Sarah Dangelantonio, Robert Diercks, Joan Dion, Joni Doherty, Jed Donelan, John Harris, Mary Kelly, Paul Kotila, Robert Lawson, Douglas Ley, Nickolas Lupinin, Robin Marra, Craig Platt, Donna Decker Reck, Ruth Ring, Richard Roth, Paul Scharfenberger, Phyllis Scrocco Zrzavy

Honors Societies at Franklin Pierce College:

LAMBDA ALPHA (**Anthropology**)

PHI ALPHA THETA (**History**)

SIGMA BETA DELTA (**Business**)

ALPHA CHI (**National**)

PSI CHI (**Psychology**)

SIGMA TAU DELTA (**English**)

PI SIGMA ALPHA (**Political Science**)

PI LAMBDA THETA (**Education**)

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 are 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 academic excellence at Franklin Pierce College.

Students who have completed at least one semester at Franklin Pierce with a cumulative grade point average (GPA) of 3.40 or higher will also receive invitations to join the Honors Program. Outstanding transfer students will be considered, and faculty members may nominate students for the Honors Program.

Successful completion of the Honors Program requires a cumulative grade point average of 3.40 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, and students will receive a commemorative Honors Medal at graduation.

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. 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 vary from year to year. Honors sections provide low teacher to student ratio, emphasize student participation and discussion, and seek to examine subjects from new or interdisciplinary perspectives. The Honors 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. Paul Kotila, at 603.899.4303 or kotilapm@fpc.edu

The following courses will be offered in 2004-2005:

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)	3 credits
IC260	Twentieth Century.....	3 credits
IC305	Science of Society I (honors)	3 credits

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 (honors)	3 credit
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

Reviews the major global environmental issues of today from a variety of perspectives, utilizing a number of recent texts. Emphasizes 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.*

HR210 American Cultural Encounters

3 credits

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

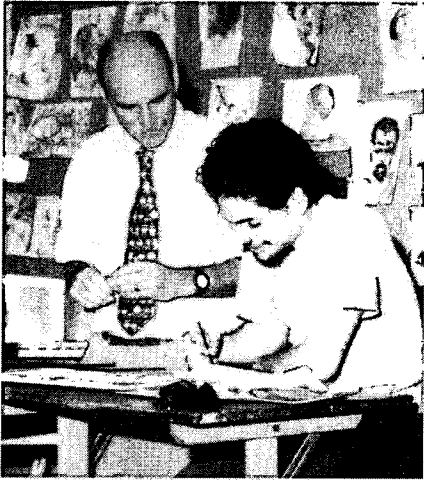
The new century - the new millennium - is here, and it is therefore appropriate to look at some major issues that face us. Students will read recent studies in some fields that seem to define the future. Students will focus on the human race: the numbers of us, the differences among us, the state of 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 twenty-first 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 38-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 one-semester seminar called Individual and Community First-Year Seminar, 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 a senior capstone experience determined by the program of study. 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 First-Year 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 Coordinator of the Individual and Community First -Year Seminar:



Franklin Pierce College offers an innovative liberal arts core curriculum to all of its students. Addressing the theme, "The Individual and Community," this 38-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 civic engagement and community service.

Each academic 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 Individual and Community Integrated Curriculum 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. Sarah Dangelantonio, Coordinator of the Individual and Community First-Year Seminar and Professor of English, Franklin Pierce College

Educated at Spring Hill College, St. Louis University, and the University of Georgia, Dr. Dangelantonio joined the Franklin Pierce Faculty fourteen years ago. She is the recipient of the 2003 CASE New Hampshire Professor of the Year award given by the Carnegie Foundation for the advancement of Teaching and Council for the Advancement and Support of Education. She has taught at Truett-McConnell College (Georgia) and the University of Georgia. She is active in several professional organizations including the National Council of Teachers of English, the New England Writing Center Association, and the Writing Program Administrators Association and she has been actively involved in curricular reform and innovation during her tenure at Franklin Pierce College.

As a teacher, Dr. Dangelantonio particularly enjoys the excitement of helping students make connections between classroom discussions and academic theories and their daily lives.

TeaCH 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:

1. Tolerance & Community

Students who graduate will be able to articulate their own attitudes and values and recognize the persistent tensions between self and community; demonstrate understanding and respect for views and cultures differing from their own by working collaboratively and participating in community affairs.

2. Content Literacy and Integration with Critical Analysis

Students who graduate will be effective writers and speakers, combine a mastery of pertinent mathematics with knowledge of the methods and aims of modern science, and be adept at using modern information resources. Students should have a substantive understanding of the way artistic expression, historical, natural and cultural contexts in a global setting shape and enrich our communities and our individual lives. Students should become active participants and leaders in their communities, with a developed sense of ethics that encourages civility, tolerance for differences, and a commitment to a life of collaborative work and learning.

3. Holistic Preparation for Leadership and Lifelong Learning

Students who graduate will be able to seek and apply knowledge in a holistic manner for the rest of their lives and to serve as responsible citizens and leaders in local, regional and global communities.

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 First-Year Seminar (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 General Geology I and II (8)

PH 101, 102 General Physics I and II (8)

Sophomore Year

Fall

IC210 The American Experience (3)

Spring

IC201 Foundations of Mathematics (3)*

IC260 The Twentieth Century (3)

Fall or Spring

IC205 Experiencing the Arts (3) *or*

IC206 Music in Our World (3)

IC212 Challenge of Business in Society

*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 124-125 for further information on the above courses.

Junior Year

Fall

IC305 Science of Society (3)

Fall or Spring

IC310 Ancient and Medieval Worlds (3) *or* IC360 Reason and Romanticism (3)

FRESHMAN YEAR

IC101 Individual and Community First-Year Seminar

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 produce. 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.

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. 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. Helps the student understand why this is the case and also 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 take either the Evolution Track or the Environmental Track in Integrated Science. Students may alternatively take a two-semester laboratory course in a single scientific discipline.



SOPHOMORE YEAR

IC201 Foundations of Mathematics

3 credits

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, Discrete Mathematics, Calculus I or Calculus III.)

IC205 Experiencing the Arts

3 credits

Through the use of an interdisciplinary approach, this course explores the ways the arts express intellectual, emotional, spiritual, and social concerns. It examines what makes the arts an essential part of our human experience and explores the relationships among artists, audiences, and the cultural forces that influence both. Students attend performances, exhibitions, and presentations both on and off campus; study the basic principles and practices of the arts; and create an interdisciplinary arts project. *Required fee. Prerequisites: completion of IC101, IC105, IC106 or permission of Core Curriculum Coordinator and Sophomore standing.*

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
- MASS MOCA - Massachusetts Museum of Modern Art
- Contra Dances
- Oriki Dance Collective
- Mark Peskanov, Violinist
- Odds Bodkin, Storyteller
- Nathan Davis Duo
- Javanese Shadow Puppets and Workshop
- "Cabaret" production
- Merce Cunningham Dance Company

IC206 Music in Our World

3 credits

An exploration of music as an art and its contribution to culture, history and society. It will investigate the elements of music and apply them to the different cultural settings of folk, popular and classical music around the world. Listening and response will be an important activity in this course. There will be opportunities for hands-on activities such as composition, music-making or building a musical instrument. No technical knowledge of music is presupposed. A mixture of experiences, this course will include listening (to both live and recorded performances,) verbal and written response, discussion, and some lecture. *Prerequisites: completion of IC101, IC105, IC106, or permission of Core Curriculum Coordinator and Sophomore standing.*

IC210 The American Experience

3 credits

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.*

IC212 Challenge of Business in Society

3 credits

Taking an interdisciplinary approach to integrating concepts from anthropology, economics, sociology and political science, this course discusses three topic areas: business and the

individual; business and the nation; and business around the world. Students will gain an understanding of how organizations, such as industry, government agencies, and nonprofit endeavors use business concepts to attain organizational goals. The student will then see how this foundation of business becomes more complex and challenging as it is applied to broader context including ethical considerations within highly competitive industries, macroeconomic consequences of managerial decision-making, and the effect globalization has on economies, culture and political institutions. *Prerequisites: completion of IC101, IC105, IC106, or permission of Core Curriculum Coordinator and Sophomore standing.*

IC260 The Twentieth Century*

3 credits

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, IC205 or IC206, IC210, IC212, IC260, or permission of Core Curriculum Coordinator and Junior 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.

IC360 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 amid 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, IC106, IC205 or IC206, IC210, IC212, IC260, or permission of Core Curriculum Coordinator and Junior standing.*

IC305 Science of Society

3 credits

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. An important goal of the course is to promote greater understanding and tolerance of different personalities, kinds of families and other small groups. 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 or IC206, IC210, IC212, IC260, or permission of Core Curriculum Coordinator and Junior standing.*

SENIOR YEAR

Senior Capstone

Integrative capstone course to be determined by program.

Individual and Community Integrated Curriculum Portfolio

As a part of the Individual and Community Integrated Curriculum, students maintain portfolios of their work throughout their Franklin Pierce 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 the 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 and senior years 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, Professor of English
Coordinator, IC101 Individual and Community First-Year Seminar

Zan Gonçalves, Assistant Professor of Writing
Molly Haas, Assistant Professor of Writing
Co-coordinators, IC105, 106 College Writing I and II

Rhine Singleton, Assistant Professor of Environmental Science/
Biology, Coordinator, IC110, 111 Integrated Science I and II

John A. Valente, Associate Professor of Mathematics
Coordinator, IC201 Foundations of Mathematics

Lee Dunholter, Professor of Theatre
Coordinator, IC205 Experiencing the Arts

James F. Maybury, Professor of English
Coordinator, IC210 American Experience

James Lacey, Associate Professor of Economic Theory
Coordinator, IC212 Challenge of Business in Society

Robin Marra, Professor of Political Science
Coordinator, IC260 Twentieth Century

William Flynn, Associate Professor of Psychology
Coordinator, IC305 Science of Society

Donna Decker Reck, Assistant Professor of English
Coordinator, IC310 Ancient and Medieval Worlds

Paul E. Scharfenberger, Associate Professor of Music
Coordinator, IC360 Reason and Romanticism

Interdisciplinary (ID) Courses

ID241–244 Musical Production I–IV

1 credit each

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. Franklin Pierce College's spring 2002 theatre production "...but the rain is full of ghosts" was brought to the Kennedy Center American College Theatre Festival in April 2003. Course open to students by audition.

Interdisciplinary Majors

NOTE: For information on Interdisciplinary Majors, see page 158, Student-designed Major.

International Business (IB)

PROFESSOR: Frederick J. Walsh

ASSOCIATE PROFESSOR: Kelly Kilcrease

IB364 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:* ET101, FM224.

Fall

IB365 International Marketing

3 credits

The structure of foreign as well as home-based marketing and the financial features of international marketing. *Prerequisites:* ET101, FM224, IB364.

Spring

Management (MN)

PROFESSOR: Bonnie C. Black

ASSOCIATE PROFESSORS: Kelly Kilcrease, Bryan O'Neil

A Bachelor of Science degree is offered in Management.

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 100) 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.

Management

All students, regardless of concentration, take the following:

MN321 Organizational Behavior

ET102 Principles of Economics II

MN314 Human Resource Management

MN390 Management Internship *or*

MN495 Senior Independent Project

Management Concentration:

MN371 Small Business Management
MN348 Public Administration *or*
MN426 Government and Business

FM311 Managerial Finance
MN365 Production and Operations
Management

International Management Concentration

IB/MK365 International Marketing
AN211 International Business Cultures

ET323 Comparative Economic Systems
BA245 International Business Law
and Its Environment

For both concentrations, students must also complete one managerial elective chosen from the 300 or 400 levels with a MN prefix, and two electives chosen from the 300 or 400 level courses with any business (MN, MK, ET, SR, BA, AC, and FN) prefix.

Students minoring in Management must complete the following courses:

MN201 Principles of Management
MN314 Human Resource Management
MN365 Production Management

BA213 Business Law I
MN321 Organizational Behavior
FM311 Managerial Finance

Divisional Honors

An Honors candidate for any major in the Business Division must have a 3.0 cumulative grade point average and a 3.25 grade point average in all major courses with no grade lower than a C-. A High Honors candidate for any major in the Business Division must have a 3.0 cumulative grade point average and a 3.5 grade point average in all major courses with no grade lower than a C-. Candidates for Honors/High Honors must have completed an advanced internship or a Senior Independent Project that includes either a thesis, business plan, or a significant research project in their major area.

Required for Graduation:

120 semester hours, including the 38-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

IC101 Individual and Community
Laboratory Science I
IC105 College Writing I
CS101 Introduction to Computers
ET101 Principles of Economics I

Spring Semester

ET102 Principles of Economics II
Laboratory Science II
IC106 College Writing II
AC101 Principles of Accounting I
Elective

Sophomore Year

Fall Semester

IC205 Experiencing the Arts*
IC210 American Experience
Mathematics Requirement
MN201 Principles of Management
FM224 Principles of Financial Management
BA258 Legal and Social Environment
of Business

Spring Semester

IC206 Music in Our World*
IC260 Twentieth Century
IC212 Challenge of Business in Society**
MN321 Organizational Behavior
MT260 Statistics
Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
IB364	The Global Economy
FM311	Managerial Finance
MN ___	Management Elective

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason & Romanticism**
MN314	Human Resource Management
MN371	Small Business Management
_____	Elective
_____	Elective

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
MN390	Internship in Management or Business Elective
MN495	Senior Independent Project or
MN390	Internship in Management
MN348	Public Administration or
MN426	Government and Business

Spring Semester

BA471	Senior Business Seminar
MN__	Management Elective
_____	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. *Note: MN201 must be completed with a grade of C- or higher before other MN courses may be taken.*

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: ET101, ET102, MN201.*

MN360 Communication Skills for Managers

3 credits

All of the writing elements concerning management activity will be examined including memos, good news/bad news letters, and resumés. Further, verbal applications will be a major part of the class as students will make a series of formal speeches.

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. *Prerequisite: AC101.*

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. This internship must be completed before the commencement of the student's senior academic year, unless otherwise approved by the Division Chair. *Prerequisites: AC101, AC102, ET101, 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

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. This internship must be completed before the commencement of the student's senior academic year, unless otherwise approved by the Division Chair. *Prerequisite: MN390.*

MN395 Advanced Internship

4 credits

The Honors Internship follows the same guidelines as the MN390 Internship. However, research criteria (applicable to each internship situation) provided by the Internship Advisor are also included for one additional credit. Students who elect the Honors Internship must also meet Divisional Honors requirements.

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.*

MN495 Senior Independent Project

4 credits

The student will develop a project arranged with the assistance of the major advisor and the approval of the Chair of the Division of Business Administration. Projects include a thesis, business plan, or other significant research project. *Prerequisites: declared major in the Business Division, Senior class standing, permission of instructor and permission of Division Chair.*

MN299, 399, 499 Independent Study in Management

2–3 credits each

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 3.00 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.

BA 280, 380, 480 Small Business Advisory Groups

1 credit each

Team projects that assist small businesses in southern New Hampshire in solving real business problems. Working with the Small Business Development Center (SBDC), a team of six students develop business plans, web sites, advertising campaigns, marketing strategies, financial analysis, or any other material that will help small businesses that are just starting up, or with their problems/opportunities. SBDC is a non-profit organization associated with the State of New Hampshire, the Small Business Administration and the University of New Hampshire.

Marketing (MK)

ASSOCIATE PROFESSOR: Kelly Kilcrease
ASSISTANT PROFESSOR: Jason Little

A Bachelor of Science degree is offered in Marketing.

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 100) 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.

CIT130	Filing and Database Applications	or MK333	Marketing Research
CIT140	Electronic Spreadsheets	MK474	Marketing Management
MK314	Consumer Behavior	MK__	Marketing Elective*
MK350	Electronic Commerce	MK390	Internship in Marketing**

* from MK304, MK317, MK365, MK299/399/499, AD370

** or MK495

Divisional Honors

An Honors candidate for any major in the Business Division must have a 3.0 cumulative grade point average and a 3.25 grade point average in all major courses with no grade lower than a C-. A High Honors candidate for any major in the Business Division must have a 3.0 cumulative grade point average and a 3.5 grade point average in all major courses with no grade lower than a C-. Candidates for Honors/High Honors must have completed an advanced internship or a Senior Independent Project that includes either a thesis, business plan, or a significant research project in their major area.

Minor Requirements

In addition to the Divisional Core Requirements (p. 48), the minor in Marketing requires completion of the following courses:

CIT130	Database Applications	or MK314	Consumer Behavior
CIT140	Electronic Spreadsheets	MK474	Marketing Management
		MK__	Marketing Elective*
		MK__	Marketing Elective*

* from MK304, MK317, MK333, MK350, MK365, MK390, MK299/399/499, AD 370

Required for Graduation:

120 semester hours, including the 38-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

IC101	Individual and Community
IC105	College Writing I
_____	Laboratory Science I
ET101	Economics I
CIT__	CIT Elective

Spring Semester

IC106	College Writing II
_____	Mathematics Requirement
_____	Laboratory Science II
MN201	Principles of Management
AC101	Principles of Accounting I

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
FM224	Prin. of Financial Management
MK201	Principles of Marketing
_____	Elective

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
MT260	Statistics
BA258	Legal and Social Environment
MK314	Consumer Behavior
_____	Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
IB364	The Global Economy
MK333	Marketing Research
MK____	Marketing Elective

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason & Romanticism**
MK____	Marketing Elective
_____	Elective
_____	Elective
_____	Elective

** One of these two courses must be taken

Senior Year

Fall Semester

MK390	Internship in Marketing or
MK495	Senior Independent Project
_____	Senior Capstone
MK____	Marketing Elective
_____	Elective
_____	Elective

Spring Semester

MK474	Marketing Management
BA471	Senior Business Seminar
MK350	Electronic Commerce
_____	Elective
_____	Elective

Marketing Curriculum

MK201 Principles of Marketing

3 credits

Integrates the various facets of marketing from research and planning to challenges faced in product development, distribution, pricing, and promotion of goods and services. Through in-class activities, students will view marketing problems and opportunities from different perspectives, and will practice applying marketing principles to an original product. *Prerequisite: ET101 strongly recommended, AC101 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.*

Spring

MK314 Consumer Behavior

3 credits

Focuses on the study of individuals, groups, organizations, and the processes they use to select, secure, use, and dispose of products. *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 de-

sign; sampling; survey, observation and experimental research practices; data collection and analysis. *Prerequisites:* MK201, MT260.

Fall

MK350 Electronic Commerce

3 credits

Exposes students to e-Commerce from a managerial perspective. The course has been designed for students with little or no programming experience. E-Commerce topics such as Internet technology, e-Business models, online monetary transactions, security, marketing, cyber law, and taxation are presented. This knowledge base will help potential leaders make sound decisions in an electronic world. *Prerequisites:* Junior class standing, students majoring in Business, Computer Information Technology, or permission of the instructor.

Spring

MK365 International Marketing

3 credits

The structure of foreign as well as home-based marketing and the financial features of international marketing. *Prerequisites:* ET101, ET102, MK201, MN201.

Fall

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. This internship must be completed before the commencement of the student's senior academic year, unless otherwise approved by the Division Chair. *Prerequisites:* The majority of the required Divisional Core and major course requirements; Junior class standing; a CGPA of at least 2.0, and permission of Division Chair.

MK391 Internship in Marketing

2–3 credits

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. This internship must be completed before the commencement of the student's senior academic year, unless otherwise approved by the Division Chair. *Prerequisite:* MK390.

MK395 Advanced Internship

4 credits

The Advanced Internship follows the same guidelines as the MK390 Internship. However, research criteria (applicable to each internship situation) provided by the Internship Advisor are also included for an additional 1 credit. Students who elect the Advanced Internship must also meet Divisional Honors requirements.

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 class standing, Marketing major or minor or permission of instructor.

Spring

MK495 Senior Independent Project

4 credits

The student will develop a project arranged with the assistance of the major advisor and the approval of the Chair of the Division of Business Administration. Projects include a thesis, business plan, or other significant research project. *Prerequisites:* declared major in the Business Division, Senior class standing and permission of Division Chair.

MK299, 399, 499 Independent Study in Marketing**2–3 credits each**

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 3.00 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.

BA 280, 380, 480 Small Business Advisory Groups**1 credit each**

Team projects that assist small businesses in southern New Hampshire in solving real business problems. Working with the Small Business Development Center (SBDC), a team of six students develop business plans, web sites, advertising campaigns, marketing strategies, financial analysis, or any other material that will help small businesses that are just starting up, or with their problems/opportunities. SBDC is a non-profit organization associated with the State of New Hampshire, the Small Business Administration and the University of New Hampshire.

Mass Communication (MC)

PROFESSOR: Phyllis Scrocco Zirzavy

ASSOCIATE PROFESSOR: Richard Roth

ASSISTANT PROFESSORS: Paul Bush, Heather Tullio

LECTURERS: Joseph Castiglione, Blake Wood

A Bachelor of Arts degree is offered in Mass Communication.

The Department offers a major and a minor in Mass Communication. In conjunction with other departments, it also provides coursework leading to interdisciplinary majors in American Studies, Arts Management, and Information Technology, and to the interdisciplinary Women in Leadership Certificate.

The Department's curriculum is designed for students who seek training toward professional competence in aspects of both print and broadcast journalism, as well as 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 legal and ethical 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 trends in other disciplines.

Three 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;
- 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 coursework, students may gain valuable practical experience through participation in co-curricular activities at the campus newspaper (*The Pierce Arrow*), the campus radio station (105.3 WFPC), and the campus cable television system (FPC-TV25).

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

120 semester hours are required for graduation, including those earned in the College’s Individual and Community Integrated Curriculum. The major requires 38 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 page 100), 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
- MC304 Media Law
- MC400 Senior Seminar

- MC331 Single-Camera Production
- MC332 Multi-Camera Production
- MC431 Advanced Media Production

Media Production Cognate Electives

- (6 credits, choose two of the following):*
- MC273 Writing for the Electronic Media
 - MC274 Broadcast Performance
 - MC282 Visual Communication
 - MC351 Television News Producing
 - MC376/GC376 Fundamentals of Animation
 - MC374 Audio Production

Students typically specialize in one of the following areas of concentration by completing the Area of Concentration core and cognate elective requirements.

II. Areas of Concentration (AoC):

Journalism Core (12 credits):

- MC211 Journalism I
- MC212 Broadcast Journalism
- MC311 Advanced Broadcast Journalism
- MC412 Advanced Journalism Seminar

Media Studies Core (12 credits):

- MC242 Principles of Media Literacy
- MC341 Media and Culture
- MC342 Mass Communication Theory
- MC441 Advanced Media Studies Seminar

Journalism Cognate Electives

- (6 credits, choose two of the following):*
- MC230 Introduction to Media Production
 - MC252 Journalism II
 - MC274 Broadcast Performance
 - MC351 Television News Producing
 - MC352 Feature Writing
 - MC353 Convergent Journalism

Media Studies Cognate Electives:

- (6 credits, choose two of the following):*
- MC211 Journalism I
 - MC230 Introduction to Media Production
 - MC252 Journalism II
 - MC281 Understanding Film
 - MC282 Visual Communication
 - MC382 Women in Media Representation
 - MC384 Persuasion Through Media

Media Production Core (12 credits):

- MC230 Introduction to Media Production

III. Mass Communication Electives

Students complete the Mass Communication major by choosing 9 credit hours from an array of Mass Communication course options at the 200-level or higher, including credits for independent study and internship.

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.

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	MC301	Media Criticism
MC200	Rhetoric and Society	MC304	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	MC331	Single-Camera Production
MC212	Broadcast Journalism	MC332	Multi-Camera Production
MC311	Advanced Broadcast Journalism		

Media Production Focus Area (9 credits):

MC230	Introduction to Media Production	MC242	Principles of Media Literacy
		MC341	Media and Culture
		MC342	Mass Communication Theory

Media Studies Focus Area (9 credits):

Self-Designed Focus Area:

Under specific 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
MC100	Communication, Media and Society
_____	Elective

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
MC__	AoC Core or Cognate
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
_____	Mathematics Requirement
MC200	Rhetoric and Society
MC__	AoC Core or Cognate

IC206	Music in Our World*
IC260	Twentieth Century
MC__	AoC Core or Cognate
MC__	AoC Elective
_____	Elective
_____	Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society*
IC310	Ancient and Medieval Worlds**
MC301	Media Criticism
MC__	AoC Core or Cognate
_____	Elective

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason & Romanticism*
MC304	Media Law
MC__	AoC Core or Cognate
MC__	AoC Elective
_____	Elective

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
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

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

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? 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. Investigates 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.

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.

MC230 Introduction to Media Production

3 credits

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. *Course fee*

MC242 Principles of Media Literacy**3 credits**

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.*

MC273 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 non-fiction and fiction programs. *Prerequisite: MC100.*

MC274 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 or instructor’s permission.*

MC281 Understanding Film**3 credits**

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. Explores 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**

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**

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.*

MC304 Media Law**3 credits**

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**

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: MC211, MC212, MC230.*

MC321 Media Policy and Economics**3 credits**

Focuses on the relationships between government policy, media economics, and how the public is served by the media. *Prerequisites: MC100, MC200, 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 students' 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

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

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

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 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: MC211.*

MC353 Convergent Journalism

3 credits

Students will gain the knowledge and skills to enable them to work in the newsroom of the future where print, broadcast and online journalists will be expected to work side by side. Students will work in teams and individually as they practice the various roles found in the converged newsroom. They will use the newsroom management software to assign, monitor and edit the work of lower level journalism classes as they carry out reporting assignments.

MC364 Media Marketing

3 credits

Provides 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.*

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.*

MC374 Audio Production

3 credits

Designed as an introduction to the basic theories and practices of audio production. Explora-

tion 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.*

MC376/GC376 Fundamentals of Animation

3 credits

This intermediate course is designed to introduce students to the field of animation. Will focus on the creation of 3-D computer animations and students will create traditional animations as well. Course will provide an overview of animation history from traditional animators in the silent era to modern-day computer animators. Students will experience all stages of the animation process from pre-production (storyboarding, creating a soundtrack) to production (modeling, skeletons, keyframing) and post-production (lighting, rendering, editing). *Prerequisites: MC230 or GC371 (both suggested) and Junior standing, or permission of instructor.*

MC382/WL382 Women in Media Representation

3 credits

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

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

Culmination of study and practice in the concentration. Students will prepare for entry into the professional world while addressing current topics, particularly ethical ones, that are facing working journalists. *Prerequisite: Senior standing.*

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

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 in Journalism

1-6 credits each

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 12 credits towards graduation credit. *Prerequisite: MC211.*

MC393, MC493 Internship in Media Production

1-6 credits each

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 12 credits towards graduation credit. *Prerequisite: MC230.*

MC394, MC494 Internship in Media Studies **1-6 credits each**
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. *Prerequisites: MC242, MC294.*

MC299, MC399, MC499 Independent Study **1-6 credits each**
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 3.00 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)

PROFESSOR: Carl T. Brezovec
ASSOCIATE PROFESSOR: John A. Valente
ASSISTANT PROFESSOR: Joseph Sherwin

A minor is offered in Mathematics

Minor Requirements

MT221, 222	Calculus I & II	MT260	Statistics
MT321	Calculus III or	MT__	4 credits of 300-level or above
MT311	Linear Algebra		Mathematics courses

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**
Serve as preparation for more advanced mathematics courses, although the first course is designed to be an appropriate last mathematics course for a student in a non-technical major. The modeling approach is used in the first course, and the precalculus or function approach is used in the second. 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**
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**
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. *Prerequisite: four years of high school mathematics*

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.*

MT301 Introduction to Mathematical Proofs**1 credit**

Systematic development of the standard ingredients in a mathematical proof adequate to prepare students for reading and understanding proofs encountered in later coursework. Includes topics from Logic.

MT305 History of Mathematics**3 credits**

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: MT222.*

MT361 Modern Algebra**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.*

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. *Prerequisite: MT212 or 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.

MT299, 399, 499 Independent Study in Mathematics**1–3 credits each**

Offers an opportunity to explore an area of study not included in the catalogue listing of ap-

proved 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 3.00 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
 LECTURERS: Louis Bunk, Timothy Feeney, Robert Johnson, Denise G. Nolan, Floyd Oster, Richard L. Page, Scott Sanchez, Cornelia Schwartz, James Sharrock, Dorothy Yanish

A Bachelor of Arts degree is offered in Music.

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. 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.

Major Requirements

There are three areas of concentration in music: Performance Concentration, Professional Concentration and Music Technology Concentration. In addition to these, all students must complete the Individual and Community Curriculum (see page 100).

1. Performance Concentration

MU151, 152, 251, 252	Theory of Music I, II, III, IV	12
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
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

3. Music Technology Concentration

MU151, 152, 251, 252	Theory of Music I, II, III, IV	12
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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
MU120 Recording Techniques	3
MU215, 310 Computer Music I, II	6
MU218 History of Electronic Music	3
MU418 Advanced Computer Music Composition	3
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.

All music majors 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
MU201, 202 History of Western Music I, II	6
Three semesters of private instruction on one instrument	6
Three semesters of ensemble	3
Music elective(s) 200 level or higher	3
	24 credits

Required for Graduation:

120 semester hours, including the 38-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 I
MU__	Ensemble
MU151	Theory of Music I

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
MU152	Theory of Music II
MU__	Private Instruction
MU104	Piano II
MU__	Ensemble

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
_____	Mathematics Requirement
MU251	Theory of Music III
MU__	Private Instruction
MU__	Ensemble
_____	Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
MU252	Theory of Music IV
MU__	Private Instruction
MU201	Music History I
MU__	Ensemble

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason & Romanticism**
MU__	Private Instruction
MU216	Ear Training
MU202	Music History II
MU__	Ensemble

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
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

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
MU152	Theory of Music II
MU__	Private Instruction
MU__	Ensemble
_____	Elective

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

** May be taken in the fall or the spring

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
_____	Mathematics Requirement
MU251	Theory of Music III
MU__	Private Instruction
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
MU252	Theory of Music IV
MU215	Computer Music I
MU201	Music History I

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason & Romanticism**
_____	Elective
MU310	Computer Music II
MU202	Music History II

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
MU__	Music Elective
MU103	Piano I
MU__	Ensemble
_____	Electives - 6 credits

Spring Semester

MU451	Senior Project
MU__	Music Electives - 6 credits
MU104	Piano II
MU__	Ensemble
_____	Elective

Recommended Curriculum Guide: Music Technology 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
MU120	Recording Techniques

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
MU152	Theory of Music II
MU___	Private Instruction
MU215	Computer Music I
MU___	Ensemble

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century Mathematics Requirement
MU251	Theory of Music III
MU310	Computer Music II
MU___	Private Instruction

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
MU252	Theory of Music IV
MU201	Music History I
___	Elective

Spring Semester

IC360	Reason & Romanticism**
MU202	Music History II
___	Elective
___	Elective
___	Elective

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

___	Senior Capstone
MU218	History of Electronic Music
MU103	Piano I
MU___	Ensemble
MU___	Ensembles (6 credits)

Spring Semester

MU451	Senior Project
MU418	Adv. Computer Music Comp.
MU104	Piano II
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. *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.*

MU351 Orchestration **3 credits**
 An introduction to orchestral instruments and the study of orchestration principles. Major orchestral compositions and scores from various eras are examined. *Prerequisites: MU251, MU202*

Music History Courses

MU201 History of Western Music I **3 credits**
 A survey of music from the its origins through the Classical 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*

MU202 History of Western Music II **3 credits**
 A survey of music from the Romantic period 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*

MU210 Women and Music **3 credits**
 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, MU202.*

Performance Courses

Applied Music (Fee for Non-Majors)

MU103–104, 203–204, 303–304, 403, 404	Piano I–VIII	2 credits each
MU105–106, 205–206, 305–306, 405–406	Guitar I–VIII	2 credits each
MU107–108, 207–208, 307–308, 407–408	Voice I–VIII	2 credits each
MU157–158, 257–258, 357–358, 457–458	Bass Guitar I–VIII	2 credits each
MU159–160, 259–260, 359–360, 459–460	Flute I–VIII	2 credits each
MU169–170, 269–270, 369–370, 469–470	Clarinet I–VIII	2 credits each
MU175–176, 275–276, 375–376, 475–476	Organ I–VIII	2 credits each
MU177–178, 277–278, 377–378, 477–478	Saxophone I–VIII	2 credits each
MU179–180, 279–280, 379–380, 479–480	Percussion I–VIII	2 credits each
MU183–184, 283–284, 383–384, 483–484	Strings I–VIII	2 credits each
MU185–186, 285–286, 385–386, 485–486	Trumpet I–VIII	2 credits each
MU187–188, 287–288, 387–388, 487–488	Trombone I–VIII	2 credits each
MU189–190, 289–290, 389–390, 489–490	Low Brass I–VIII	2 credits each
MU193–194, 293–294, 393–394, 493–494	Double Reeds I–VIII	2 credits each
MU195–196, 295–296, 395–396, 495–496	Recorder I–VIII	2 credits each

MU216 Ear Training 3 credits
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.*

MU353 Basic Conducting 3 credits
A basic study of conducting principles for both instrumental and choral ensembles. The conducting techniques required for execution in performance, as well as rehearsal principals, score study, and score preparation. *Prerequisites: MU152, MU201*

Ensembles

MU147–148, 247–248, 347–348, 447–448 Brass Ensemble I–VIII 1 credit each
Brass Ensemble is a small, select group exploring literature for brass groups. Students may perform on trumpet, trombone, French horn, baritone or tuba. Public performances may be given on or off-campus. *Prerequisite: permission of instructor.*

MU161–162, 261–262, 361–362, 461–462 Flute Ensemble I–VIII 1 credit each
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: audition.*

MU165–166, 265–266, 365–366, 465–466 Percussion Ensemble I–VIII 1 credit each
A highly creative group whose participants improvise, compose, and perform their own works, utilizing a wide variety of percussion instruments. The first half of the term is spent playing improvisatory exercises designed to address specific issues of musical choices: instrumentation, timbre, structure, rhythm, and many other musical parameters. In the second half, students write, teach, and learn their own new pieces for a performance by the ensemble. Previous experience playing percussion and reading music is encouraged but not required.

MU167–168, 267–268, 367–368, 467–468 Jazz Ensemble I–VIII 1 credit each
Open to all musicians in the College community, with or without previous jazz experience. 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 each
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. 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: audition.

MU173–174, 273–274, 373–374, 473–474 Contemporary Music Ensemble I–VIII 1 credit each

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 each

A small group of 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 each

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.

Music Technology

MU120 Recording Techniques 3 credits

Students will learn the skills required to make successful recordings in diverse situations and locations. Determining the proper microphone(s) for a specific purpose and the most effective placement of those microphones will enable the creation of clear, recorded representations of live performances, environmental and ambient sounds. Microphone types and techniques will be studied, demonstrated and made available for class projects, including live recording, multi-track studio recording, and field recording using mono, dual mono, stereo and quad recording techniques.

MU215 Computer Music I 3 credits

Introduces the student to the ways in which sound may be represented using a computer. Topics include digital audio recording and editing, MIDI sequencing, software-based synthesis, and notation. The technical side of these areas is balanced with active discussion of compositional considerations and historical context. Students are required to compose short projects using the skills and techniques acquired over the course of the semester.

MU218 History of Electronic Music 3 credits

Traces the history of electronic music, examining the impact of technology on artistic thought and the creative process in late 19th century, 20th century and current sonic art. Influential musicians, movements and venues associated with electronic sound will be discussed including the Futurists, early electronic instruments, Varese, Cage, Stockhausen, Musique Concrète, Elektronische Musik, tape recorders, synthesizers, Text-Sound Art, radio plays, Minimalism, Sound Installation Art, Site-Specific Sound Compositions, Soundscape, Computer Music, algorithmic composition and Live Interactive Electronic Sound and Internet Audio. Students will regularly analyze important works in an effort to gain insight into processes utilized by composers working with technology.

MU310 Computer Music II 3 credits

The techniques explored in Computer Music I are further developed with emphasis placed on digital synthesis and live applications of electronic and/or digital music. Students are required to devote at least one of their compositional projects to the combination of live and

pre-recorded electronic sources. Special attention is paid to the enhancement of one sonic parameter, for example, the illusion of movement through space, through the orchestration of other sonic parameters. The ability to “intermodulate” between diverse sound sources is also emphasized. Students are required to complete composition assignments throughout the semester. *Prerequisite: MU215.*

MU418 Advanced Computer Music Composition

3 credits

Advanced digital synthesis techniques will be the primary focus of the class. Sound for multi-media applications such as web, CD-ROM and video will also be discussed. Students will complete individual assignments using software synthesis applications and programming techniques which enable complete control over the sculpting and modification of synthetic sounds as well as digitized recordings. Form, in music open to an all-inclusive palette of pitched and non-pitched sounds, will be a regular topic of discussion. *Prerequisite: MU315.*

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 each
MU139	Group Voice	1 credit
MU211	Guitar Literature	3 credits
MU255	Fundamentals of Guitar Fingerboard Harmony	3 credits
MU352	Form and Analysis	3 credits
MU401	Seminar in Music	3 credits
MU299,399,499	Independent Study in Music	1-3 credits

Other Music Courses

MU100 Recorder for the Classroom Teacher

1 credit

Teaches the basics of recorder playing while simultaneously exploring the instrument as a pedagogical tool. Discussion of methods and instruments is included.

Philosophy and Religious Studies (PA)

SENIOR LECTURER: Jed Donelan

LECTURERS: Michael Barrett, Eric Bowman, Michael Haas

A minor is offered in Philosophy.

The Philosophy and Religious Studies Program of Franklin Pierce College prides itself in offering a rigorous course of academic study that emphasizes the understanding of philosophical and religious traditions as a way of developing critical reading, thinking, and expressive skills, in order to empower the student to understand and take an active role in his or her own personal and social growth. Engagement in this study enriches awareness of the roots of Western culture while fostering openness to other traditions and modes of thinking. We combine courses in the history of philosophy and traditional philosophical topics with interdisciplinary courses that highlight philosophy's practical applications. Courses in religious studies explore, 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 PA101, two "History of Philosophy" courses (one modern, one not), one "Philosophy at Work" course, one seminar with the permission of the program coordinators, 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 such as: What is Philosophy? What is real (Metaphysics)? How do we know (Epistemology)? What ought we to do (Ethics)? These questions are critically examined in the light of their formulation by influential thinkers in the history of philosophy 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, Boethius, Anselm and Aquinas and to their influence on Western philosophy and culture. *Prerequisite: PA101 or permission of instructor.*

PA214 Modern Philosophy I

3 credits

Covers the philosophical developments of the 17th and 18th centuries, a time when our mod-

ern 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

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 James and 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

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.

PA306/ES306 Philosophy of Science and Nature

3 credits

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; and 3) the critical examination of new paradigms that might better explain this relationship (or not). *Crosslisted with Environmental Science.*

Advanced Seminars

PA302 Seminar on a Philosophical Topic

3 credits

Concentrates 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: PA101 or permission of instructor.*

PA304 Seminar on a Philosophical Thinker

3 credits

Concentrates on the work of one of the great figures of the Western Philosophical tradition such as Plato, Aristotle, Hume, Kant, Hegel or 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.*

PA499 Independent Study in Philosophy

3 credits

An Independent Study in Philosophy is offered exclusively to students pursuing an approved Self-Designed Major, and is offered to fulfill the culminating work required of the major. The topic and method of the Independent Study will be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. This topic should be of particular concern to the student, and should represent some question arising out of his or her philosophical studies to that point. Format will generally follow the model of a "Senior Thesis," wherein students will meet regularly with a faculty advisor to discuss readings

and work in pursuit of the proposed thesis which, when completed, will be defended orally. A "Proposal for Independent Study" form must be filled out, submitted and approved.

Religious Studies

PA151 Introduction to Biblical Thought

3 credits

A critical examination of 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.

PA251 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 literatures and fundamental doctrines, distinctive and varying understandings of ultimacy, human nature and history, as well as cultural and societal dynamics that have influenced history to the present day.

PA252 Western Religious Thought

3 credits

A survey of the development 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.*

PA260 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.

PA352 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.

Physics (PH)

LECTURER: Julie Farhm

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.*

PH210 Introductory Astronomy

4 credits

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)

PROFESSOR: Robin F. Marra

ASSOCIATE PROFESSOR: Frank S. Cohen

LECTURER: Stephen Wilson

A Bachelor of Arts degree is offered in Political Science.

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, and journalism, as well as higher degrees in political science.

Honors in Political Science are granted to those whose grade point average at graduation is 3.25 for the thirty-six credits required to complete the major. High Honors are accorded those who attain a grade point average of at least 3.5 for the thirty-six credits required to complete 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.

PO001 Political Science Competency Exam

PO200 Political Science Research Methods

PO410 Senior Research Seminar in Political Science

Three of the following:

PO201 U.S. Government

PO205 Contemporary World Affairs

PO206 Comparative Politics

PO210 Political Theory

Electives

At least six (18 credits) of the following courses, four of which must go to define an area of concentration approved by the student's faculty advisor. (Note: No more than one 100-level course may be counted toward the major.)

PO110 Political Violence

PO111 Politics and Popular Culture

PO311 Topics in Comparative Politics

PO312 American Political Thought

PO316 Topics in Political Theory

PO320 U.S. Social Policy

PO344 Environmental Politics

PO351 American Presidency

PO352 Constitutional Law I

PO353 Constitutional Law II
 PO360 American Foreign Policy
 Process
 PO361 Politics of Military Force
 PO362 Nuclear Weapons and World
 Politics
 HS313 U.S. Labor History
 ET323 Comparative Economic Systems
 ET357 Economic Development
 PA/SO209 Ethic

HS326 The Soviet Union
 and the Successor States
 HS371 Twentieth Century U.S.
 Foreign Policy
 MC321 Media Policy and Economics
 MN348 Public Administration
 MN426 Government and Business
 SO350 Law and Society
 SO416 Political Sociology

Minor Requirements

Required Courses:

Two of the following:

PO201 U.S. Government
 PO205 Contemporary World Affairs

PO206 Comparative Politics
 PO210 Political Theory

Electives

4 additional courses (12 credits) from the following list, including at least *two* 300-level courses in Political Science:

PO110 Political Violence
 PO111 Politics and Popular Culture
 PO200 Political Science Research
 Methods
 PO201 U.S. Government
 PO205 Contemporary World Affairs
 PO206 Comparative Politics
 PO210 Political Theory
 PO311 Topics in Comparative Politics
 PO312 American Political Thought
 PO316 Topics in Political Theory
 PO320 U.S. Social Policy
 PO344 Environmental Politics
 PO351 American Presidency
 PO352 Constitutional Law I
 PO353 Constitutional Law II
 PO360 American Foreign Policy
 Process

PO361 Politics of Military Force
 PO362 Nuclear Weapons and World
 Politics
 HS313 U.S. Labor History
 HS326 The Soviet Union and Successor
 States
 HS371 Twentieth Century U.S. Foreign
 Policy
 PA209 Ethics
 ET323 Comparative Economic Systems
 ET357 Economic Development
 MC372 Media Policy and Economics
 MN348 Public Administration
 MN426 Government and Business
 SO350 Law and Society
 SO416 Political Sociology

Required for graduation:

120 semester hours, including the 38-credit Individual and Community Integrated Curriculum (page 100). 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

IC101 Individual and Community
 _____ Laboratory Science I

Spring Semester

IC106 College Writing II
 _____ Laboratory Science II

IC105	College Writing I	_____	Elective
PO__	100 or 200 level course	PO__	200 level course
_____	Elective	_____	Elective

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
PO__	200 level course
_____	Elective
_____	Elective

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
_____	Mathematics Requirement
PO__	200 level course
_____	Elective
_____	Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
PO200	Political Science Research Methods
PO__	300 level course
_____	Elective

Spring Semester

IC360	Reason & Romanticism**
PO__	300 level course
PO__	300 level course
_____	Elective
_____	Elective

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

HS410	Senior Research Seminar
PO001	Political Science
	Competency Exam
PO__	300 level course
PO__	300 level course
_____	Elective
_____	Elective

Spring Semester

_____	Senior Capstone
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 during the senior year. 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 of 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 and Popular Culture

3 credits

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

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**

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/PA210 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.

PO311 Topics in Comparative Politics**3 credits**

An advanced exploration into a specific topic of comparative politics. The topic may cover specific regions of the world or specific foreign countries, and may have a particular conceptual focus (e.g., political economy, ethnic/nationalist politics, democratic politics and democratization). The analysis of politics and public policy will always be conducted through the 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.

PO312 American Political Thought**3 credits**

Explores the development of political ideas in the United States over the course of 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**

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.*

PO344 Environmental Politics**3 credits**

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 of 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.*

PO351 American Presidency

3 credits

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 protection 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 and World Politics

3 credits

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 sub-disciplines. *Prerequisite: limited to Senior Political Science majors.*

PO299, 399, 499 Independent Study in Political Science

1-3 credits each

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 3.00 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. **NOTE:** See HS491, Field-based Experience in History and Political Science, for related internship.

Psychology (PS)

PROFESSORS: Davina Brown, William B. Flynn, Jr., William H. Jack, Craig W. Platt

ASSOCIATE PROFESSOR: Emlee C. Kohler

SENIOR LECTURER: Robert Koch

A Bachelor of Arts degree is offered in Psychology.

A major and a minor are offered in Psychology.

An Honors candidate in Psychology is required to have a 3.00 overall grade point average with a 3.25 grade point average in Psychology. A High Honors candidate is required to have an overall 3.00 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 67 for information on the secondary teacher certification program.

Major Requirements (42 credit hours minimum)

(In addition to the Individual and Community Curriculum, page 100)

PS101 Introduction to Psychology

PS260 Stat. for the Behavioral Sciences

PS261 Research Methods

PS420 Theories of Personality *or*

PS421 Systems and Theories

PS489 Senior Thesis *or*

PS490-491 Senior Thesis *or*

PS495 Senior Internship

Two of the following five laboratory courses:

PS301 Experimental Parapsychology

PS302 Psychology of Perception

PS303 Psychology of Learning

PS304 Biological Psychology

PS306 Cognitive Psychology

One of the following sequences:

BI101 and BI102, *or* BI101 and AN102, *or*

IC110 and IC111

Additional 18 elective credit hours in Psychology or other Psychology-related courses approved by the major advisor, including at least one course from each of the following three groups:

Choose one:

PS211 Psychology of Aging *or*

PS230 Child and Adolescent
Development

Choose one:

PS220 Group Dynamics *or*

PS322 Social Psychology *or*

PS324 Industrial Psychology

Choose one:

PS214 Creative Arts Therapy *or*

PS340 Techniques of Counseling I *or*

PS323 Seminar on Addiction

Required for Graduation:

120 semester hours, including the 38-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.

Please note that the Psychology major includes a required sequence of four courses: Behav-

iorial Statistics, Research Methods, and two additional laboratory courses. Because Behavioral Statistics is a prerequisite for Research Methods, and Research Methods is a prerequisite for the two additional laboratory courses, this sequence requires a **minimum of three semesters** to complete. 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 and 2nd semester junior year.....Two laboratory courses (PS301, 302, 303, 304 or 306)

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC101 Individual and Community
 IC105 College Writing I
 BII01 Biology I
 PS101 Introduction to Psychology
 _____ Elective

Spring Semester

IC106 College Writing II
 BII02 Biology II
 PS_____ Psychology Elective
 _____ Mathematics Requirement
 _____ Elective

Sophomore Year

Fall Semester

IC205 Experiencing the Arts*
 IC210 American Experience
 IC212 Challenge of Business in Society**
 PS260 Behavioral Statistics
 PS_____ Psychology Elective
 _____ Elective

Spring Semester

IC206 Music in Our World*
 IC260 Twentieth Century
 PS261 Research Methods
 PS_____ Psychology Elective
 _____ Elective
 _____ Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305 Science of Society *
 IC310 Ancient & Medieval Worlds**
 PS420 Theories of Personality or
 PS421 Systems and Theories in Psychology
 PS_____ Psychology Lab Elective
 _____ Elective

Spring Semester

IC360 Reason & Romanticism**
 PS_____ Psychology Elective
 PS_____ Psychology Lab Elective
 _____ Elective
 _____ Elective

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

_____ Senior Capstone
 PS_____ Psychology Elective
 PS489, PS490, or PS495
 _____ Thesis or Internship
 PS_____ Psychology Elective
 _____ Elective

Spring Semester

PS489, PS490, or PS495
 _____ Thesis or Internship
 PS_____ Psychology Elective
 _____ Elective
 _____ Elective
 _____ Elective

Minor Requirements

PS101 Introduction to Psychology
 MT(PS)260 Statistics

PS261 Research Methods

Nine additional credit hours of psychology electives and one of the following 5 laboratory courses:

PS301 Experimental Parapsychology
 PS303 Psychology of Learning
 PS306 Cognitive Psychology

PS302 Psychology of Perception
 PS304 Biological Psychology

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 Aging

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

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. *Course fee. 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.*

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

Examines 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.*

BI231 Animal Behavior (acceptable as a Psychology course)

3 credits

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 American Psychological Association standards are 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 Theories of Domestic Violence**3 credits**

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 grade 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 and participates in class experiments. *Prerequisite: PS261 (minimum grade 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. *Course fee. Prerequisite: PS261 (minimum grade of C-).*

PS304 Biological Psychology**4 credits**

A laboratory course. A survey of the biological and chemical explanations of human behavior in learning, memory, sleep, personality, stress, addiction, and sexual functioning. The student is responsible for an original research project. *Course fee. Prerequisite: PS261 (minimum grade of C-).*

PS306 Cognitive Psychology**4 credits**

A laboratory course designed to familiarize the student with a variety of cognitive processes including attention, memory, language, judgment and decision-making. The student will be introduced to the prominent theories, important individuals, and history of cognitive psychology and will be responsible for an original research project. *Course fee. Prerequisite: PS261 (minimum grade of C-).*

PS310 Psychological Testing**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. *Prerequisite: 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.*

PS330 Child Abuse and Neglect

3 credits

Various types of child maltreatment are described and explained. The psychodynamics of both the perpetrator and the victim are explored, with special emphasis on intellectual, social, and emotional outcomes for the child. Case management and strategies for prevention are discussed. *Prerequisite: IC260 or permission of the instructor.*

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, developmentally delayed, physically handicapped, or emotionally disturbed. *Prerequisites: PS101 and PS230.*

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.*

PS430 Introduction to Psychopharmacology

3 credits

Examines the physical, behavioral, and neurological effects of various psychoactive medications on individuals suffering from anxiety, depression, dementia, and a variety of other medical conditions. Students interested in working in counseling and human services will benefit from understanding the nature and application of these medications as part of the treatment process. *Prerequisite: 12 credit hours of psychology or 16 credit hours of biology.*

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.*

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. The GPA requirement may be waived with permission of the psychology department faculty.*

PS128, 228, 328, 428 Special Topics in Psychology **3 credits each**
Constructed around a timely issue in psychology, generally in a field of expertise of the faculty member facilitating the course. *Prerequisites vary.*

PS298, 398, 498 Readings in Psychology **1–3 credits each**
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 each**
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 3.00 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 science as a discipline and not in any one of its specialties. This minor may be particularly valuable to elementary education students, business majors seeking to enter technology-related fields, or others who wish to use 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.

Credits: 22-24

Courses recommended for a General Science Minor:

BI101-102 Biology I and 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 and II	4 credits each

ES101 Environmental Science	4 credits
GL101-102 General Geology I and II	4 credits each
IC110-111 Integrated Science I and II	4 credits each
PH101-102 General Physics I and II	4 credits each
PH210 Astronomy	4 credits

Social Work and Counseling (SO, PS)

PROFESSORS: Davina Brown, Douglas F. Challenger, J Forbes Farmer, William B. Flynn, Jr., William H. Jack, Craig W. Platt

ASSOCIATE PROFESSORS: Emlee C. Kohler, Allan Rachlin

SENIOR LECTURER: Robert Koch

A Bachelor of Arts degree is offered in Social Work and Counseling

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 childcare, intake and substance abuse counseling, 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 3.00 grade point average overall and a 3.25 grade point average in major courses. High Honors are awarded the student who has a 3.00 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 100)

PS101 Introduction to Psychology <i>or</i>	SO470 Integrating Theory and Practice
SO101 Introduction to Sociology	<i>Five of the following:</i>
SO103 Introduction to Social Work	PS220 Group Dynamics
SO203 Community Organization	PS231 Adult Development and Aging
PS230 Child and Adolescent Development	PS300 Theories of Domestic Violence
PS322 Social Psychology <i>or</i>	PS330 Child Abuse and Neglect
PS420 Theories of Personality	PS342 Psychology of Exceptional Children and Youth
PS260 Statistics for Behavioral Sciences	PS441 Abnormal Psychology
PS340 Techniques of Counseling I	PS451 Techniques of Counseling II
SO335 Classical Social Theory <i>or</i>	SO205 Race and Ethnic Relations
SO336 Contemporary Social Theory	SO320 U.S. Social Policy
SO218 Quantitative Research Methods <i>or</i>	SO410 Criminology
PS261 Research Methods in Psychology <i>or</i>	SO421 Poverty and Wealth
SO219 Qualitative Research Methods	SO460 Corrections
PS495 Senior Internship in Psychology <i>or</i>	CJ203 Juvenile Justice
SO495 Senior Internship in Sociology	
SO220 The Family	

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

Minor Requirements:

Seven courses from the following lists are required to complete a minor in Social Work and Counseling:

PS230 Child and Adolescent Development	PS323 Seminar on Addiction
PS231 Adult Development and Aging	PS330 Child Abuse and Neglect
PS300 Theories of Domestic Violence	PS340 Techniques of Counseling I
	PS420 Theories of Personality

PS441 Abnormal Psychology
 PS451 Techniques of Counseling II
 SO103 Introduction to Social Work
 SO203 Community Organization
 SO220 The Family

SO320 U.S. Social Policy
 SO410 Criminology
 SO421 Poverty and Wealth
 SO460 Corrections

Required for Graduation:

120 semester hours, including the 38-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

IC101 Individual and Community
 _____ Laboratory Science I
 IC105 College Writing I
 SO__ 100 Level Sociology Course *or*
 PS101 Introduction to Psychology
 _____ Elective

Spring Semester

IC106 College Writing II
 _____ Laboratory Science II
 SO220 The Family
 PS260 Statistics for the Behavioral
 Sciences
 _____ Elective

Sophomore Year

Fall Semester

IC205 Experiencing the Arts*
 IC210 American Experience
 IC212 Challenge of Business in Society**
 PS261 Research Methods in Psychology *or*
 SO218 Quantitative Research Methods *or*
 SO219 Qualitative Research Methods
 SO203 Community Organization
 _____ Elective

Spring Semester

IC206 Music in Our World*
 IC260 Twentieth Century
 SO322 Social Psychology *or*
 PS420 Theories of Personality
 PS230 Child and Adolescent Development
 SO103 Introduction to Social Work

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

** *May be taken in the fall or the spring*

Junior Year

Fall Semester

IC305 Science of Society *
 IC310 Ancient & Medieval Worlds**
 PS340 Techniques of Counseling I
 SO335 Classical Social Theory *or*
 SO336 Contemporary Social Theory
 _____ Elective

Spring Semester

IC360 Reason & Romanticism**
 SO__ Elective
 _____ Elective
 _____ Elective
 _____ Elective

* *May be taken in the fall or spring semester*

** *One of these two courses must be taken.*

Senior Year

Fall Semester

_____ Senior Capstone
 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 (below) and Psychology (page 142) for course descriptions.

Sociology (SO)

PROFESSORS: Douglas F. Challenger, J Forbes Farmer
ASSOCIATE PROFESSOR: Allan Rachlin

A Minor is offered in Sociology

The program helps to prepare students for graduate study and occupations utilizing sociological perspectives and methods.

Students who intend to teach Sociology (Social Science) in high school should refer to page 67 for information on the secondary teacher certification program.

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.

SO203 Community Organization

3 credits

An examination of contemporary approaches to community organization and the development of community-building skills. *Prerequisite: SO101.*

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. *Prerequisite: SO101.*

SO209/PA209 Ethics

3 credits

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

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. *Prerequisite: SO101.*

SO218 Quantitative Research Methods

3 credits

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: SO101 or AN101. Note: Extensive statistical analysis and writing course.*

SO219 Qualitative Research Methods**3 credits**

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: SO101 or AN101. 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. *Prerequisite: SO101.*

SO320/PA320 U.S. Social Policy**3 credits**

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.*

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: SO101.*

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: SO101.*

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**

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. *Prerequisite: SO101.*

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**

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.*

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 resulting consequences. *Prerequisite: SO101.*

SO450–453 Seminar in Sociological Perspectives**3 credits each**

Upon arrangement, seminars are offered which encourage in-depth exploration beyond the competency of introductory and intermediate levels. *Prerequisites: SO101, Junior standing and permission of instructor.*

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: SO101 and 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 Social Work and Counseling major and Senior standing.*

SO495-497 Senior Internship in Social Work and Counseling**3-15 credits each**

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: Senior standing, and permission of instructor.*

Spanish (LS)

LECTURER: Jack Donnelly

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 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 Spanish Seminar.

If a student has studied Spanish for two or more years in high school, they must register for LS201 Intermediate Spanish I or higher.

The first two months of LS201 consist of an intensive and comprehensive review of the elementary level.

Minor Requirements

One may minor in Spanish by successfully completing 18 credits in the language, with at least 15 credits (5 courses) beyond the intermediate (200) level.

LS301 Advanced Spanish Conversation and Composition is required for the Spanish minor.

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 audio-visual 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.

LS301 Advanced Spanish Conversation and Composition**3 credits**

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:*

LS311 Spanish Culture and Civilization**3 credits**

A comprehensive survey of Spanish culture and civilization, conducted primarily in Spanish

LS312 Spanish-American Culture and Civilization**3 credits**

A comprehensive survey of Spanish-American culture and civilization conducted primarily in Spanish.

LS321–322 Survey of Hispanic Literature I and II**3 credits each**

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.

LS410 The Spanish Seminar**3 credits each**

A course with advanced and specialized content oriented around specific topics or themes, which vary each year. *Prerequisite: LS301*

LS299, 399, 499 Independent Study in Spanish**3-6 credits each**

Prerequisites: Senior standing and permission of instructor.

Sports and Recreation Management (SR)

PROFESSOR: Bonnie C. Black

A Bachelor of Science degree is offered in Sports and Recreation Management.

A major and a minor are offered in Sports and Recreation Management.

The major in Sports and Recreation Management combines a basic liberal arts education with specialized preparation for a career in one of two tracks: 1. Professional Sports Management or 2. Recreation Management.

Major Requirements

In addition to the Individual and Community Curriculum (page 100) 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:

- SR201 Principles of Sports and Recreation Management
- SR243 Programming in Sports and Recreation Management
- SR368 Sports and Recreation Facilities Management
- SR390 Internship in Sports and Recreation Management
- SR419 Law and Liability in Sports and Recreation

Plus three courses from one of the tracks listed below.

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
SR238	Introduction to Training and Treatment in Athletics	MK304	Advertising
SR338	Fitness Management	BA213	Business Law I
		BA214	Business Law II

Recommended: Biology I and II instead of Integrated Science I and II.

Recreation Management Track

Choose 3 from the courses listed below:

SR201	Principles of Sports and Recreation Management	SR439	Ski Area Management
SR238	Introduction to Training and Treatment in Athletics	MK314	Consumer Behavior
SR338	Fitness Management	MK304	Advertising
SR357	Recreation Therapy	MN314	Human Resource Management
SR346	Parks and Natural Resource Management	MN348	Public Administration
		MN321	Organizational Behavior
		PS220	Group Dynamics
		PS230	Child and Adolescent Development

Divisional Honors

An Honors candidate for any major in the Business Division must have a 3.0 overall grade point average and a 3.25 grade point average, with no grade lower than a C- (cannot be repeated for credit) in all major courses. A High Honors candidate for any major in the Business Division must have a 3.0 cumulative grade point average and a 3.5 grade point average, with no grade lower than a C- (cannot be repeated for credit), in all major courses. Candidates for Honors/High Honors must have completed an honors internship or a Senior Independent Project that includes either a thesis, business plan, or a significant research project in their major area.

Required for Graduation:

120 semester hours, including the 38-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.

Recommended Curriculum Guide

Freshman Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
IC101	Individual and Community	IC106	College Writing II
_____	Laboratory Science I	_____	Laboratory Science II
IC105	College Writing I	ET101	Principles of Economics I
AC101	Principles of Accounting	BA258	Legal and Social Environment of Business
_____	Elective	_____	Elective

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
_____	Mathematics Requirement
MN201	Principles of Management
MK201	Principles of Marketing
_____	Elective

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
MT260	Statistics
SR201	Principles of Sports & Recreation Management
_____	Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
SR243	Programming in Sports and Recreation Management
FM224	Principles of Financial Management
_____	Elective

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason and Romanticism**
SR368	Sports and Recreation Facilities Management
IB364	Global Economy
_____	Elective***
_____	Elective***

** One of these two courses must be taken

***required for track

Senior Year

Fall Semester

_____	Senior Capstone
SR390	Internship in Sports and Recreation Management
_____	Elective
_____	Elective
_____	Elective

Spring Semester

BA471	Senior Business Seminar
SR419	Law and Liability in Sports and Recreation
_____	Comprehensive Exam in BA
_____	Comprehensive Exam in SR
_____	Elective***
_____	Elective

***required for track

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
SR201	Principles of Sports and Recreation Management
SR243	Programming in Sports and Recreation Management
SR368	Sports and Recreation Facilities Management
SR419	Law and Liability in Sports and Recreation
MK201	Principles of Marketing
SR390	Internship in Sports and Recreation Management

Sports and Recreation Management Curriculum

SR201 Principles of Sports and Recreation 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.

Note: SR201 must be completed with a grade of C- or higher before additional SR courses may be taken.

Fall and Spring

SR238 Training and Treatment of Injuries in Athletics**3 credits**

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. *Prerequisite: SR201*

Spring

SR243 Programming in Sports and Recreation 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: SR201 or may be taken in conjunction with SR201.*

Fall

SR295 Commercial Recreation and Tourism**3 credits**

An overview of the commercial recreation, travel and tourism industry. The commercial recreation area as exemplified by hotels, motels, restaurants, health and fitness centers, resorts, industrial and employee recreation settings, study of economic and marketing trends, financial planning, accounting procedures, and management issues. The travel and tourism aspect includes its organization and development, research, and promotions both nationally and globally. *Prerequisite: SR243 (May be taken in conjunction with SR243).*

SR338 Fitness Management**3 credits**

A hands-on course studying and experiencing the relationships between chronological-functional ages and physiological functioning lifestyle health status. Emphasis is placed on laboratory inventories of the students, establishing baseline health information and writing goals for positive health lifestyle. Topics are often supported by guest lecturers, who are practitioners in specialized fields. *Prerequisite: SR201*

Spring, even years

SR346 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: SR243*

Fall, even years

SR357 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. *Prerequisite: SR243.*

Spring, odd years

SR368 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. *Prerequisite: SR201.*

Spring

SR390 Internship in Sports and Recreation 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. The internship must be completed before the commencement of the student's senior academic year, unless otherwise approved by the Division Chair. *Prerequisites: Junior class standing and permission of Division Chair.*

SR391 Internship in Sports Recreation and Management **2–3 credits**

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 SR390. 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 SR390, may be taken. The internship must be completed before the commencement of the student's senior academic year, unless otherwise approved by the Division Chair. *Prerequisite: SR390.*

SR395 Advanced Internship **4 credits**

The Advanced Internship follows the same guidelines as the SR390 Internship. However, research criteria (applicable to each internship situation) provided by the Internship Advisor are also included for an additional 1 credit. Students who elect the Advanced Internship must also meet Divisional Honors requirements.

SR419 Law and Liability in Sports and Recreation **3 credits**

Informs and educates managers within the recreation 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. *Prerequisite: SR201 Spring*

SR439 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, SR243, SR368, SR419 or permission of instructor.*

As needed, taken in January (register with spring semester).

SR495 Senior Independent Project **4 credits**

The student will develop a project arranged with the assistance of the major advisor and the approval of the Chair of the Division of Business Administration. Projects include a thesis, business plan, or other significant research project. *Prerequisites: declared major in the Business-Division, Senior class standing and permission of Division Chair.*

SR299, 399, 499 Independent Study in Sports and Recreation Management **2–6 credits each**

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 3.00 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.

BA 280, 380, 480 Small Business Advisory Groups **1 credit each**

Team projects that assist small businesses in southern New Hampshire in solving real business problems. Working with the Small Business Development Center (SBDC), a team of six students develop business plans, web sites, advertising campaigns, marketing strategies, financial analysis, or any other material that will help small businesses that are just starting up, or with their problems/opportunities. SBDC is a non-profit organization associated with the State of New Hampshire, the Small Business Administration and the University of New Hampshire.

Student-Designed (Interdisciplinary) Major (SM)

Honors in a Student-Designed Major are granted to those whose GPA at graduation is 3.33 in the courses that comprise the Student-Designed Major as approved by the Curriculum Committee. High Honors are accorded those who attain a GPA of at least 3.67 in the courses the student has selected for the Student-Designed Major and approved as the major by the Curriculum Committee.

To be eligible to propose a Student-Designed Major or Minor, students must be in good academic standing (minimum 3.00 cumulative grade point average). Proposals to the Curriculum Committee should be filed before the end of the fourth semester of study.

To propose a Student-Designed Major or Minor, students obtain a proposal form from the Academic Services Center and discuss procedures with the Coordinator of Advising. Advisors appropriate to the proposed areas of study will be identified. These advisors will collaborate in the development of the proposal, possibly recommending other faculty with whom the student should confer. At least one advisor must submit a letter of support explaining what s/he perceives to be the rationale for the courses listed in the application. The letter should briefly describe the advisor's collaborative role in the development of the major/minor. This Committee will accept no application without the attachment of this letter.

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 38-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, upper-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. The course choices must represent a coherent program as opposed to a set of electives. In other words, there is a difference between one thoughtfully arranging courses to comprise a program of study and one freely choosing elective courses.

Following the above guidelines for coherence of program content, the student reviews the proposal with the Coordinator of Advising, and then submits the proposal to the Office of the Dean of Undergraduate Studies for review, after which the student submits ten copies of the proposal 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 Office of the Dean, which will communicate the decision to the student and the Coordinator of Advising. If approved by the Office of the Dean, then the Office of the Dean should forward a copy of the proposal to Academic Services. Once approved, any changes in the proposed course of study must be approved by the academic advisors and the Office of the Dean.

Theatre and Dance (TH)

PROFESSORS: Lee A. Dunholter, Nancy R. Stone

ASSOCIATE PROFESSORS: Wendy B. Dwyer, Robert C. Lawson, Richard R. Silvestro

LECTURERS: Sally Bomer, Sarah Franklin, Peggy Rae Johnson, Kathy Manfre,

Reagan Messer, Anna Thomford

A Bachelor of Arts degree is offered in Theatre

A major (45 credits) is offered in Theatre with concentrations in Acting/Directing, Dance,

and Design and Technical Theatre. Minors (18 credits) are offered in Theatre and in Dance. Each Theatre Arts major participates for credit in a minimum of three productions over a four-year period.

The aim of the Department of Theatre and Dance is to recalibrate the student's capacity for imaginative and creative thought and action. Majors and minors participate actively in the process of making and perceiving work in theatre, dance, and performance art and are directed toward the development of an understanding of the artistic process that is at once rigorous and intuitive. A wide variety of approaches to making, conceiving, and realizing work are explored with our diverse faculty and guest artists.

Three areas of concentration afford students the opportunity for intensive work in a specialized area of theatre study:

Acting/Directing

The concentration in Acting/Directing provides a thorough grounding in the principles of theatrical performance. The curriculum is based on the premise that performance is essential to a full understanding of the art form. Students in the first three years of the program will be trained to explore an aspect of performance (acting/directing or playwriting) intensively through acting and directing studio classes and through their work in rehearsals and performances. In their final year students may choose, with the approval of faculty, to culminate their work in a Senior Certificate. 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 students have the opportunity to undertake a Senior Project in choreography, performance, or dance history. Dance students perform in the annual Student Dance Concert, fall and spring choreography showcases, at the American College Dance Festival, at regional performances, and participate in teaching internships within local public schools.

Design and Technical Theatre

The concentration in Design and Technical Theatre provides students with a thorough knowledge of scenic and stage lighting design techniques and enables them to gain the skills and abilities needed to solve technical problems and successfully mount stage productions. These skills include mechanical and architectural drafting, scale model-building, rendering of proposed sets for the theatre, computer-aided drafting, and construction and scene painting techniques. Practical experience is gained in Design and Technical Theatre courses in which students play a large part in the mounting of three major faculty-directed productions per year, including the annual dance concert.

A student 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 (21 credits)

TH101	Introduction to Theatre Arts	TH111	Stagecraft I <i>or</i>
TH272	Theatre History Survey	TH112	Stagecraft II
TH211	Techniques of Acting I	TH251	Scenography I
TH 379	Advanced Studies in Theatre <i>or</i>	TH321	Directing I
TH 450	Senior Theatre Project		

Note: in place of TH272 Theatre History Survey, students choosing the Dance Concentration will take TH344 Dance History.

In addition to Theatre Arts major core requirements, concentration requirements are as follows:

Acting/Directing Concentration (24 credits)

TH212	Techniques of Acting II	TH322	Directing II
TH222	Voice and Diction	TH131	Dance Movement I
TH223	Oral Interpretation	TH132	Dance Movement 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 credits from the following performance sequences:

TH161-163	Production Performance I-III
ID 241-243	Musical Production I-III

Dance Concentration (24 credits)

TH132	Dance Movement II	TH215	Dance Tech. and Composition II
TH133	Dance Movement III	TH305	Dance Tech. and Composition III
TH137/138	Ballet Tech. I or II	<i>or</i>	
TH205	Dance Tech. and Composition I	TH340	Anatomy and Movement

One of the following five courses:

TH134	Dance Movement IV	TH306	Teaching Dance for Children
TH139	Ballet Technique III	TH315	Dance Tech. and Composition IV
TH140	Ballet Technique I		

3 credits from the performance sequence TH141-143 Production Dance Performance

Design and Technical Theatre (24 credits)

TH112	Stagecraft II	TH262	Lighting Design II
TH151	Costume Design and Construction	TH353	Scenography III
TH261	Lighting Design I	TH354	Scenography IV
TH252	Scenography II		

Three Production credits from the following sequences:

TH171/173	Production/Design Technical I-III
TH241/243	Musical Production I-III
TH141-142	Dance Production I-II

Required for Graduation:

120 semester hours, including the 38-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		Spring Semester	
IC101	Individual and Community	IC106	College Writing II
_____	Laboratory Science I	_____	Laboratory Science II
IC105	College Writing I	TH101	Introduction to Theatre Arts <i>or</i>
TH111	Stagecraft I	TH112	Stagecraft II
TH101	Introduction to Theatre Arts	TH131	Dance Movement I
TH211	Techniques of Acting I	TH212	Techniques of Acting II

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
TH222	Voice and Diction
TH251	Scenography I
TH161	Production/Performance I
_____	Elective

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
TH223	Oral Interpretation
TH272	Theatre History Survey
TH162	Production/Performance II
_____	Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
TH321	Directing I
TH____	Theatre Elective
TH____	Theatre Elective
TH311	Advanced Acting I

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason & Romanticism**
TH322	Directing II
_____	Dramatic Literature
TH163	Production/Performance III or
ID____	Musical Production
TH312	Advanced Acting II

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
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 38-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

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

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
TH222	Voice and Diction
TH251	Scenography I
TH161	Production/Performance I
_____	Elective

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
TH272	Theatre History Survey
TH162	Production/Performance II or
ID____	Musical Production
TH223	Oral Interpretation

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
TH321	Directing I
TH__	Theatre Elective
TH__	Theatre Elective
_____	Elective

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason & Romanticism**
TH322	Directing II
_____	Dramatic Literature
TH__	Theatre Elective
TH163	Production/Performance III or
ID__	Musical Production

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
TH323	Directing III
TH__	Theatre Elective
_____	Elective
_____	Elective

Spring Semester

TH450	Senior Theatre Project
TH324	Directing IV
TH__	Theatre Elective
_____	Elective
_____	Elective

Required for Graduation:

120 semester hours, including the 38-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

IC101	Individual and Community
_____	Laboratory Science I
IC105	College Writing I
TH131	Dance Movement I
TH101	Introduction to Theatre Arts

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

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
TH111	Stagecraft I or
	TH261 Lighting Design I**
TH212	Techniques of Acting II
TH132	Dance Movement II
TH141	Production Performance Dance I

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
_____	Mathematics Requirement
TH112	Stagecraft II**
TH215	Dance Technique and
	Composition II
TH344	Dance History
ID__	Musical Production
TH__	Theatre Elective

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
TH133	Dance Movement III
TH137	Ballet
_____	Elective
TH142	Production Performance Dance II

* May be taken in the fall or spring semester

Spring Semester

IC360	Reason & Romanticism**
TH305	Dance Technique and
	Composition III
TH321	Directing I
TH__	Theatre Elective
TH161	Production/Performance I or
ID__	Musical Production

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
TH450	Senior Theatre Project
TH____	Theatre Elective
TH____	Theatre Elective
TH143	Production Performance Dance III
_____	Elective

Spring Semester

TH315	Dance Technique and Composition IV
TH____	Theatre Elective
TH____	Theatre Elective
_____	Elective
_____	Elective
TH162	Production Performance <i>or</i> ID____ Musical Production

Required for Graduation:

120 semester hours, including the 38-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

IC101	Individual and Community Laboratory Science I
IC105	College Writing I
TH101	Introduction to Theatre Arts
TH111	Stagecraft I

Spring Semester

IC106	College Writing II Laboratory Science II
TH272	Theatre History Survey
TH112	Stagecraft II
_____	Elective

Sophomore Year

Fall Semester

IC205	Experiencing the Arts*
IC210	American Experience
IC212	Challenge of Business in Society**
TH211	Techniques of Acting I
TH261	Lighting Design I
TH251	Scenography I
TH171	Production/Design and Technical Theatre I

Spring Semester

IC206	Music in Our World*
IC260	Twentieth Century
TH321	Directing I
TH352	Scenography II
TH172	Production/Design and Technical Theatre II <i>or</i>
ID__	Musical Production
_____	Mathematics Requirement

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

** May be taken in the fall or the spring

Junior Year

Fall Semester

IC305	Science of Society *
IC310	Ancient & Medieval Worlds**
TH151	Costume Design and Construction
TH173	Production/Design II
TH262	Lighting Design II
_____	Elective

Spring Semester

IC360	Reason and Romanticism**
TH353	Scenography III
TH__	Theatre Elective
TH__	Theatre Elective
_____	Elective

* May be taken in the fall or spring semester

** One of these two courses must be taken

Senior Year

Fall Semester

_____	Senior Capstone
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	FA231	Painting I
FA201	Drawing I	FA281–285	Art History Periods
FA202	Drawing II	EN210	Literary Criticism
GC341	Illustration	EN310	Shakespeare Comedies and History
CS101	Introduction to Computers	EN311	Shakespeare Tragedies
		EN312	Renaissance Drama

Theatre Arts Minor Requirements

TH101	Introduction to Theatre Arts	TH211	Techniques of Acting I
TH272	Theatre History Survey	TH111	Stagecraft I <i>or</i> TH112 Stagecraft II

One Dramatic Literature course from the following:

EN310	Shakespeare Comedies and History	TH343	Modern American Drama
TH342	Modern European Drama		

One course from the following group:

TH131	Dance Movement I	TH261	Lighting Design I
TH251	Scenography I	TH151	Costume Design and Construction

Two production courses from the following:

TH161	Production Performance I	TH172	Production Design/Technical Theatre II
TH162	Production Performance II	ID241	Musical Production I
TH171	Production Design/Technical Theatre 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 <i>or</i>	TH144	Production/Dance Performance IV
TH138	Ballet II	ID241	Production Performance Musical
TH151	Costume Design and Construction		
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.

TH132-134 Dance Movement II–IV**3 credits each**

A studio course emphasizing modern dance technique, improvisation and 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 repertoire.

TH137-140 Ballet Technique I–IV**3 credits each**

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:* audition.

TH151 Costume Design and Construction**3 credits**

An introduction to skills used in a costume shop will be presented including subjects such as researching, designing, draping, pattern-making, fitting and sewing.

TH161–168 Production/Performance I–VIII**1 credit each**

Students enrolled in these courses will participate in the performance of a full-length faculty-directed major production. *Prerequisite:* 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**3 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: 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 Oral Interpretation: 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 student will learn how to provide the listener with a clear understanding of the literature performed, particularly classical text.

TH241 Children's Theatre**3 credits**

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.

TH251 Scenography I**3 credits**

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 lighting 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 experiential anatomy to dance movement through readings, hands-on work, imaging, improvisation, and individual studio exploration. *Prerequisite: TH132 or permission of instructor.*

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. Projects 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 for 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 and contemporary practitioners, concentrating on Western Europe. Playwrights studied may include Ibsen, Chekhov, Strindberg, Brecht, Beckett and the Absurdist, through to writers of today. Selected plays are read and analyzed.

Prerequisite: IC105.

TH343 Modern American Drama**3 credits**

Traces 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**

Students will propose a project to reflect their cumulative knowledge. Students will submit a proposal to the combined faculty for approval, and at times faculty may make specific suggestions to students. Project may take the form of a collaborative venture, or individual undertaking in playwriting, directing, acting, dance, design or technical work—usually of a practical nature. A public performance may ensue, and a journal or a thesis may be required to 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 each**

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 3.00 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.

Walk in Europe (NT)

The Walk in Europe is a project unique to Franklin Pierce College and has been a part of the curriculum since 1969. Each year, approximately 25-40 students participate in the semester-long project, a long-distance walk through several European countries. The result is an experience in practical learning that challenges students on many levels and demands their best ideas, strengths, and talents. The Walk is structured to facilitate engagement with Europeans and their cultures, among group members, and with the land itself. 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 may apply for admission to the Walk in the preceding year, and once admitted, meet at regular intervals for discussions and planning in preparation for the venture. During a summer session prior to the Walk departure, each student also takes two required courses in preparation (these courses, however, are included as part of Fall semester, along with the Walk itself). Each student may also develop an independent study related to his/her major, to be completed after return from the Walk.

Prerequisites for unconditional admission: Sophomore standing at time of Walk; 2.30 CGPA. Conditional admission is available. For information on specific prerequisites and deadlines, contact Douglas Ley 603.899.4027 or leyda@fpc.edu

Walk in Europe Curriculum

LF105 Language for Travelers

3 credits

Offered in association with any number of Franklin Pierce College international studies courses or programs. Covers practical communication skills in the applicable language(s) and associated cultural characteristics. *Prerequisites: Admission to the relevant program and permission of the responsible College official.*

NT312 Walk Seminar

3 credits

Offered in the summer session prior to Walk departure. A lecture and discussion course introducing students to a wide range of philosophy, literature, and history designed to enhance the Walk experience. *Prerequisites: admission into Walk program by Humanities chair and Walk coordinator.*

NT412 Walk in Europe

6 credits

A long distance walk through several European countries. The Walk generally covers about fifteen miles each day, and students share equally in daily chores. Approximately once every eight days, as part of a rotating, three-member team, each student takes an active part in the Walk's leadership, working to map out the day's route, locate a site for the group's tent, and cook meals. For the other seven days, the non-leading students are free to simply walk and enjoy the back roads and small towns of Europe. Students are expected to keep a journal of their experiences, and produce a final "thought paper" after return in early November. *Prerequisite: LF105, NT312.*

Women in Leadership Certificate (WL)

STEERING COMMITTEE: Joni Doherty, Mary C. Kelly, Debra S. Picchi, Donna Decker Reck

AFFILIATED FACULTY: Davina Brown, Joan Dion, Mary Ledoux, Paul Scharfenberger, Melissa M. Stearns

LEADERSHIP ASSOCIATES: Kim M. Mooney, Director, Center for Teaching and Learning, Associate Professor of Psychology, St. Lawrence University

Jody Williams, Nobel Laureate for Peace, 1997, Campaign Ambassador, International Campaign to Ban Landmines

A certificate is offered in Women in Leadership.

The Women in Leadership Certificate is an interdisciplinary program that offers an integrative approach to learning about the interconnections among gender, race, class, sexuality, and transnational issues. The program takes gender and sexuality as its critical terms of inquiry, exploring them as social constructs and analyzing their impact on culture. The Program aims to build a supportive environment for women to assist them in the development of leadership skills through a program that integrates theory and practice. To meet this goal, the Program combines academic study with participation in internships both on and off campus.

The Program and the resulting Certificate will credential students as theoretically and materially knowledgeable in Women's and Gender issues and thus qualify them for leadership positions requiring such expertise. The Program complements the needs of professionals in fields including: education, law, social services, cultural anthropology, counseling, business, health services, public administration, public relations, archaeology, sports and recreation, criminal justice, journalism, community development, and politics.

Requirements

Students intending to complete the Women in Leadership Certificate are expected to complete 13 credits of course and internship work. Of these credits, **WL115 Introduction to Women's Studies** (3 credits), **WL490 The Women in Leadership Seminar** (1 credit), and a three-credit internship in the student's major area are required. Two additional courses (6 credits) must be chosen from the courses listed in this section. Students are advised to link the courses they take with the Internship work they choose to do.

Women in Leadership Curriculum

WL115 Introduction to Women's Studies

3 credits

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, interdisciplinary studies, and the relationship of feminist concepts, methods, and modes of analysis to traditional academic disciplines.

WL490 Women in Leadership Seminar

1 credit

Provides a forum for students who have recently engaged in, or are currently enrolled in, a *Women in Leadership* internship. During the seminar they will complete readings on various kinds of leadership, give presentations about their leadership experiences, and write about ways in which their leadership experiences will enrich their futures. Taught on a rotational basis by various Program faculty, the focus is on students having the opportunity to synthesize their academic and hands-on leadership experience. *Prerequisites: declared candidacy for the Women in Leadership Certificate, plus either completion or current enrollment in a leadership internship that the Women in Leadership Certificate Steering Committee has approved.*

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.

MU210 Women and Music

3 credits

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

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.*

AN225 Women Around the World

3 credits

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

PS300 Domestic Violence

3 credits

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: permission of instructor.*

AN302 Sex, Gender and Archaeology

3 credits

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. *Prerequisite: AN113, WS115 or permission of instructor.*

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. *Prerequisite: one HS200-level course.*

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. *Prerequisite: WS115 or permission of instructor.*

EN370 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.*

MC382 Women in Media Representation

3 credits

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.*

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 38 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 will not receive their diploma until all graduation requirements are met.

(Transfer students: see Transfer Credit Policy)

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. 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 6), the College Level Examination Program 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 graduation requirements of the catalogue are to be considered in their 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, students must be financially clear, must register for courses, and must confirm registration during the designated period. Prerequisites will be enforced; in rare circumstances, a student may request permission of an instructor to register for a course for which he/she does not have the standard prerequisite. 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 Dean of Undergraduate Studies or his/her 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 18 or 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 credits must have a cumulative grade point average of 3.50 or above and obtain the permission of the academic advisor, the Registrar and the Dean of Undergraduate Studies.

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 Dean of Undergraduate Studies or his/her 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 Dean of Undergraduate Studies.

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 200)
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 200)
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 Dean of Undergraduate Studies. In rare instances, the faculty member may, after consultation with the Dean of Undergraduate Studies, give a grade of "I" (Incomplete) pending completion of the required work. (See Refund Policy, page 200)
4. If a student wishes to return to the College after withdrawing, or after a suspension, he or she is required to apply for readmission through the Vice President for Student Affairs. Readmission is not automatic.

Repeating a Course

Students may repeat only those courses taken at Franklin Pierce in which they have received a grade of D, D- or F. Students who do not meet required grade point minimums for prerequisite courses in certain majors or minors may request special permission from the Dean of Undergraduate Studies to repeat the course. Such courses may be repeated only once. The second grade will replace the original grade on the transcript. 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 the next semester 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.

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 Dean of Undergraduate Studies.

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 IPs; and achieved a semester grade point average of at least 3.65. A student who has received an IP grade at the end of a semester may become eligible for Dean's List honors when and only when the coursework has been completed and

final grade has been turned into the Registrar. 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 175*)

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 IPs; and achieved a semester grade point average of at least 3.30. A student who has received an IP grade at the end of a semester may become eligible for Dean's List honors when and only when the coursework has been completed and final grade has been turned into the Registrar.

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 56 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 may, at minimum 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 Office of Student Affairs.

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 Academic Contract 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 Dean of Undergraduate Studies 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 : This designation is based solely on the highest grade point average attained among those 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 the Division of Graduate and Professional Studies.

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 and completion of IC105 and IC106 and declaration of major
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 cite 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 one's 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 quite seriously at Franklin Pierce College. The minimum penalty for a first offense for all forms of cheating, including plagiarism, should be subject to instructor's discretion, with mandatory placement of a documented record on file in the office of the Dean of Undergraduate Studies. For a second offense of cheating, including plagiarism, the student will receive a one-semester, non-deferrable suspension from the College. For a third offense of cheating, including plagiarism, the student will be dismissed from the College.

In any case discussed above, the ultimate discretion lies with the Dean of Undergraduate Studies.

Transcripts

An official transcript is one bearing 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 a transcript must be accompanied by a signed request from the student and a \$10.00 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

1. Diana Hacker. *A Writer's Reference*. 4th edition. (Boston: Bedford/St. Martin's, 1999), 83.

Student Health Records
Student Records
Judicial Records

Health Center
Office of the Vice President for Student Affairs
Office of the Vice President for 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 in developing 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.

The Center for Outreach Education

The Center was established to assist students with their growth and development through the college years. The focus is on furthering self-understanding while encouraging a sense of community. The Center emphasizes education in skills that can be used continuously throughout a person's life. Through group programs, one can learn how to change self-defeating behavior, manage anxiety, improve relationships, and develop leadership skills. The Center will meet individually with students to find appropriate on and off campus services. The Center for Outreach Education is located in the plaza level of Granite Hall, with Health Services

Health Services

Health Services is located in the lower level of Granite Hall. It is staffed Monday through Friday 8:00 am to 4:30 pm during the academic year by an RN and ARNPs to treat students on the Rindge Campus. When Health Services is not open, EMTs are available to assist with student medical emergencies.

There are consulting physicians and hospitals available in several nearby communities with most medical specialties being represented.

All students at FPC have access to Health Services, which provides a wide variety of services. Most of the care rendered is at no charge to the student. Charges may be incurred for laboratory testing, x-ray, pharmacy items, or referrals for special medical problems. Most charges are covered by the student insurance policy, which is provided by the College to all Rindge full-time students.

All medical information about students 18 years and older is confidential and will not be released without the student signing a Release of Information Form.

The Health Services staff considers health teaching and preventative medicine to be equally as important to the student as the care of health problems. Students are encouraged to consult the Health Services staff for counseling and advice on any topic related to general health. Health Services is not open during the summer or break periods, nor are the EMTs on call during these times.

Health Insurance

All full-time Rindge students are automatically enrolled in the student insurance program. There is no additional fee for this service.

Health Record Requirement

Health Services participates in yearly licensing by the New Hampshire Department of Health and Human Services, which requires a completed medical file for each student to be maintained at Health Services. These files consist of a Health Assessment Form, a physical exam within one year of admission, proof of immunizations, (requiring two MMRs, TB screening, tetanus within ten years, and a meningococcal vaccine) and a signed consent form for medical treatment. Any student not meeting these requirements will not be allowed to register or attend classes until the requirements are completed.

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, ice hockey, 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.

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) critical reading and math sections, or a 68 sum score on the ACT (American College Testing Assessment Program).

Additional information regarding initial eligibility can be found at www.ncaa.org.

Campus Recreation

Campus Recreation strives to provide positive co-curricular activities and experiences designed to enrich lives, develop talents, while affording an arena for discovery and self-exploration. There are four main components of a comprehensive recreation program: Fitness/Wellness, Informal, Intramural, and Adventure Recreation.

- **Fitness/Wellness:** This facet offers group exercise classes such as pilates, Tae Kwondo, step aerobics, kickboxing, and yoga. Personal trainers are also available to those individuals who are inclined to further enhance their fitness needs.
- **Informal:** This aspect of programming highlights what is available at the Grimshaw-Gudewicz Activity Center at Northfields. This facility has a variety of surfaces, including a 1/5 mile track, tennis courts, basketball courts, a 50 yard turf field, multi-purpose area, as well as a state-of-the-art cardio/strength area. The facility is open for student use over 100 hours a week. This 72,000 square foot air structure also holds a multitude of special events including the annual Up All Night! production. Recreation doesn't just mean exercise however. Study and relax at the Adventure Recreation Lounge, which is located between the fieldhouse and the glassblowing studio.
- **Intramural:** Held both inside and outside the Grimshaw-Gudewicz Activity Center at Northfields, this program offers over 15 different team, dual, and individual sports to suit every student's needs. From flag football to table tennis, there is certainly something for everyone in Intramurals. A majority of sports offer three leagues: men's, women's and co-recreational. One of the campus' most popular special events, Oozeball, takes place during the annual Spring Weekend.
- **Adventure Recreation:** Taking advantage of the natural settings both on-campus and in the surrounding areas, adventure recreation offers opportunities for individuals of all abilities. Many adventures are pursued, including: white water rafting, ice climbing, skiing, hiking, mountain biking, rock climbing, caving, and much more. The department also owns outdoor equipment for student use, including sailboats, canoes and kayaks, snowshoes, and camping equipment.

Residential Life

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 a petition that requires the approval of the Director of Residential Life. All students living in traditional residence halls are required to participate in a board plan, and freshmen in the traditional halls must be on a meal plan for the entire year and have the option of either unlimited number of visits to the cafeteria, \$150 in dining points and two guest passes or unlimited number of visits to the cafeteria and two guest passes. 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.

To better enhance our students' experience, all class levels (FR, SO, JR, SR) will be housed separately. This will align the residential experience of those in the same class standing with the academic progression of classes. Besides living with peers, the College will tailor programming efforts to bridge the classroom learning with the residential areas. This will also provide an opportunity for residents to establish meaningful friendships while engaging in area-wide events.

First-year students will be housed in Granite, New Hampshire, and Mt. Washington halls. These traditional residence halls are smoke-free and students will reside on same-sex hallways.

The most common housing arrangements are double rooms, but there are a limited number of triple rooms. Depending on availability and medically documented reasons, students may qualify for a single room. All rooms are wired for telephone, cable and internet access.

Sophomores have the option of living in Cheshire, Edgewood, Monadnock, or Pierce Village. The housing options include a traditional double room to a double room in a suite-style setting to a four-person modular unit. Juniors are housed in Mountain View and Northwoods, which offer four-person apartments. Seniors choose from Lakeview or Sawmills, which offer two-person efficiency apartments, four-person apartments, and six-person townhouses.

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 on residence halls, room dimensions, what to bring and not to bring, can be located at <http://www.fpc.edu/pages/StudentLife/reslife/housing/index.htm>. A non-refundable housing deposit of \$200 is required of all students within fifteen days of receipt of their housing contract. The housing deposit will guarantee housing for the upcoming year. See Financial Information, page 200 for details

The Residential Life staff, made up of both professional Residential Experience 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 through 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 telephone connections to all campus residences, and private voice mail for each student. All dormitory rooms are provided with service for local and on-campus calls. A telephone is NOT provided. Therefore, roommates must share a telephone that they provide themselves. STS is the College's long distance billing and collection company, which mails bills monthly to each student's campus mailbox. Each student has a long distance account and will be assigned a PIN (Personal Identification Number) for making long distance calls. Failure to make full payment by the due date results in deactivation of the PIN and a late payment fee.

The College provides TTY service for the hearing impaired, located on the first floor of the library and available for student use. The telephone number is (603) 899-1125.

Students may send and receive faxes 24 hours a day at the Campus Safety building. The fax number there is (603) 899-4325. There is no cost to receive a fax. Sending a fax costs \$1 per page.

Cable Television System

The College Cable Television System provides service to all campus residences and many common areas. Students should bring a television from home to receive all available programming, which includes a movie channel and a campus-wide messaging network (FPAN-Franklin Pierce Activity Network). Students should also bring a coaxial cable connector. All television sets must be programmed through the remote control or the television to receive Standard Cable Programming in order to view all available programming.

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. _____
20 College Rd.
Rindge, NH 03461

Campus Programs

Recreational, social and educational activities provide opportunities for students to use their leisure time productively. Students are actively involved in the planning and implementation of Student Activities 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, a hill for sledding, an Adventure Recreation Lounge, the Grimshaw-Gudewicz Activity Center at North Fields (see page 181), the Flint Campus Center, WFPC radio station, FPC-TV25 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 support and training sessions which assist students in their leadership roles. Valuable experiences such as Leadership Training Week and various workshops are highlights of the leadership development program.

Student Government Association

The Student Senate makes recommendations to the administration in policy matters concerning student activities, welfare, and services. It allocates student activity funds to recognized student clubs on the campus. Executive Officers and Senators are elected each spring.

Judicial Board

The Judicial Board is a group of seven students selected and appointed by the process outlined in the Student Senate constitution. The Board hears cases involving violations of the *Student Code of Conduct* and recommends appropriate action to the administration. For more information regarding the *Student Code of Conduct*, visit the Student Life Section on the website at www.fpc.edu.

Cultural Activities

Cultural events are open to the College community and to 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, and the Valakis Lecture Series.

Student Activities

The student activities program is planned and coordinated by the Campus Activities Board in association with staff from the Department of Student Activities. Participation is encouraged in planning campus events which include 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, radio station, and TV station.

Clubs

Students are involved in more than twenty clubs which receive funding from the Student Senate. Included are the Anthropology Club, B.R.O. (Brothers), Business Club, College Republicans, Education Club, Environmental Awareness Club, Fire Department, Global Issues Club, Hillel, Law Club, Sistuhs, Young Democrats, and many others. Students interested in forming a new club can do so by contacting the Assistant Dean of Student Involvement.

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.

Graphic Communications Center

The Graphic Communications Center is located on the ground floor of Crestview Hall. It includes classrooms, photo darkrooms, typesetting/computer graphic room, and the print-shop.

Publications and Media

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 College's Fitzwater Center for Communications also manages both television and radio programming.

Peterson Hall

One of the original and oldest buildings on campus, Peterson Hall provides a quiet environment for student study (Alumni Lounge) and a Faculty Lounge. Peterson Hall houses the Office of the President, the Office of Academic Affairs, College Relations Office, Development Office, Alumni Affairs, and Graduate and Professional Studies Administrative Offices.

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 Offices of Student Activities, Community Service and Campus Ministries, three dining areas, a pub, lounge, function areas, bookstore, post office, art gallery, TV lounge, meeting rooms, Student Government offices, Campus Activities Board, Yearbook office, 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 via <http://www.thepermitstore.com>. 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 Monday through Thursday 7:30 a.m. to 11:30 p.m., from Friday from 7:30 a.m. to 8:00 p.m., Saturday, Sunday and Monday holidays from 12:00p.m. to 8:00 p.m. Shuttle service is also available to limited locations off-campus after 4:00 p.m. Shuttle service is available only during the academic year and is not available during the summer or school breaks. It is available at designated stops across campus.

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 11:15 p.m. to 2:15 a.m. at designated stops across campus. The Safe Rides program is run through the Student Government Association and uses 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 is required to wait, a fee of \$5.50 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 participate in the College's meal plan. Variable board plan options of 19-15-10 meals per week are available to upperclassmen. All new students will be assigned to the 19 meal plan for their first year. Students living off-campus can either purchase a meal plan or purchase meals at the Dining Commons 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. These publications serve as the guide to campus services and detail 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 and 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, in recognition of its obligations under Title VII of the Civil Rights Act of 1964, as amended, Title VI of the Civil Rights Act of 1984, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADA), and the Age Discrimination Act (ADEA), has established the following policy on non-discrimination:

Franklin Pierce College does not discriminate on the basis admits students of sex, race, color, religion, age, disability, national or ethnic origin sexual orientation, marital status or other legally protected classification in hiring, promotion and terms and conditions of employment and/or in the administration of its educational policies, admissions policies, scholarship or loan programs, and/or athletic and other College-administered programs or 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 non-discrimination 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.

Vice President for Student Affairs
Office of Student Affairs
(603) 899-4160

In addition, inquiries regarding the application of non-discrimination 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 Financial Aid Office.

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 Dean of Undergraduate Studies in consultation with the Director of the Honors Program.

THE ALUMNI ASSOCIATION SCHOLARSHIPS are awarded to two students who meet the following criteria: sophomore, junior or senior standing, demonstrate qualities of leadership and citizenship, demonstrate financial need, good academic and disciplinary standing. Chosen by the Alumni Scholarship Committee of the Alumni Board of Directors, recipients have achieved high academic standards and exhibited outstanding leadership in student life.

THE ROBERT ALVIN PERFORMING ARTS SCHOLARSHIP IN DANCE, MUSIC AND THEATRE was established in 1998 to honor the achievements of the late Robert Alvin, an FPC Professor of Theatre Arts. Recipients of this scholarship are freshman students entering Franklin Pierce College who have an interest in participating in the Performing Arts. Recipients will be selected from the discipline of dance, music and theatre, but do not need to be majors in these disciplines. The awards are renewable for up to three years based on the performance of the recipient.

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 athletic 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 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 fewer than five semesters, has a GPA of 3.0 or higher, 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 HORACE B. DEETS SCHOLARSHIP was created in honor of Mr. Deets' many years of service to the American Association of Retired Persons (AARP), which endowed the Horace Deets Scholarship at Franklin Pierce College. This scholarship recipient will be chosen from sophomores, juniors or seniors whose cumulative grade point average exceeds 3.0.

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 Chair 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 higher, 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.

THE STELLA S. FOGELMAN SCHOLARSHIP is awarded to a student who is enrolled in the Honors Program. It is given in honor of Dr. Stella Fogelman, a long-time friend of the College. Selection will be determined by the Director of the Honors Program.

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. 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 GRANITE BANK SCHOLARSHIP recipient will be chosen by the Director of Financial Aid.

THE GEORGE AND MADELINE HAGERTY SCHOLARSHIP has been established by family and friends in loving memory of two people who believed in the power of education and sacrificed all their worldly possessions to ensure that their three children would receive an undergraduate degree. The Hagerty Scholarship is available to a junior or senior with good academic standing and a record of community service who requires the award to remain at Franklin Pierce College or because of new or existing substantial financial need.

THE HAINES GIRLS' SCHOLARSHIP is awarded annually to a freshman, sophomore, or junior music major and was established by Christian Arnold, Executive Assistant to the President, in honor of the Haines sisters and their talent for and love of music. Students must demonstrate musical talent and potential, exhibit support for the Music Department program and activities, and be of good character and academic standing. Preference is given, but not limited to, a voice or piano student.

THE RANDOLPH H. HENDLER SCHOLARSHIP was established in 1973 by Harworth Hendler to honor his son Randolph, a 1970 graduate. Awarded annually to students in the sophomore or junior class majoring in Business who display scholastic excellence.

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 in 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 BRUCE KIRSH SCHOLARSHIP was established to provide financial assistance to a non-scholarship athlete and to honor the hard work and dedication Bruce Kirsh has given to Franklin Pierce College.

THE LEGACY SCHOLARSHIP was established in 2003 for children of FPC alumni who attend Franklin Pierce College. Any student whose parent(s) or stepparent(s) graduated from Franklin Pierce College is eligible to receive this scholarship.

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 higher and a GPA of 3.2 or higher 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 considered.

THE MONADNOCK INSTITUTE SCHOLARSHIP is awarded to an FPC student who has demonstrated an aptitude and commitment to the study of place and is interested in deepening his/her engagement with place and community in the region. The selection committee will review the design and scope of the project proposal, relevant coursework, internship, work-study experience and past academic performance.

THE TAYLOR MORRIS SCHOLARSHIP was established in 2002 to provide financial assistance to students participating in The Walk Program. Recipients will be chosen by members of The Walk Program Trust.

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 PIERCE PARTNERS SCHOLARSHIP PROGRAM. The Pierce Partners Scholarship Program joins alumni and friends of the College with a student who benefits from their support. Students selected for this scholarship have proven themselves to be academic leaders and strong citizens of the Franklin Pierce community. These students are also in need of additional financial assistance to remain enrolled at the College.

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 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.

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. Recipients will be chosen yearly by the Natural Sciences Division.

THE HOWARD SARGENT SCHOLARSHIP is awarded annually to a student majoring in one of the Behavioral Sciences. Recipients will be chosen by the Behavioral Sciences Division faculty.

THE DON AND JUDY SCHRIEFER SCHOLARSHIP was established in 1999 to recognize Mr. and Mrs. Schriefer'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 SEPTEMBER 11TH SCHOLARSHIP, established through the generosity of the Charles A. Frueauff Foundation, assists Franklin Pierce College students whose families were directly affected by the terrorist attacks of September 11, 2001. Students who lost a close family member or whose close family member was disabled during the attacks are eligible. Also eligible are students with a family member who made a tremendous sacrifice in assisting in the aftermath of the attacks, including a family member called into military service.

THE AURELIA SIMMONS SCHOLARSHIP was established in 2003 by Henry Simmons '92 in honor of his mother. The Director of Financial Aid awards the scholarship annually to a student who demonstrates financial need, with preference given to minority students.

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. Recipients will be chosen yearly by the Natural Science Division.

THE SPRING DANCE CONCERT SCHOLARSHIP was established to recognize a current student for outstanding contributions to the Dance/Theatre program at Franklin Pierce College, exemplified by excellence in performance or choreography that is enhanced by an authentic spirit of collaboration.

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 HENRY VERITY MEMORIAL SCHOLARSHIP was established in 2002 by family and friends of the late Henry Verity, a graduate of the Class of 1981, to honor contributions to the Franklin Pierce community. The scholarship is awarded annually to a men's soccer player entering his junior year. Candidates must maintain a minimum GPA of 3.0 and be community leaders and team players.

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.

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 Visual and Performing Arts)
Ethel M. Vollertson Award (Division of Natural Science)
Wall Street 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 Visual and Performing Arts)
Anthropology Award
Anthropology Award for the 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 (Division of Natural Sciences)
Criminal Justice Award
Excellence in Student Teaching Award (Division of Behavioral Sciences)
Fine Arts Faculty Citation
Graphic Communications Award
Graphic Communications Faculty Citation
K-12 Art Teacher Certification Award (Division of Behavioral Sciences)
May-Lawrence Memorial Award (Division of Business Administration)
Mass Communication Creative Achievement Award
Mass Communication Service Award
Nature Writing Contest (Division of Humanities)
Publius Award (Political Science)
Outstanding Senior in Psychology
Secondary Education Teacher Certification Award
(Division of Behavioral Sciences)
Social Work and Counseling Award
Sociology Award
Stellan C. Wollmar Memorial Award (Division of Business Administration)

National Honor Society Chapter Affiliations

Alpha Chi (National Honor Society)
Lambda Alpha (Anthropology)

Phi Alpha Theta (History)
Psi Chi (Psychology)
Pi Lambda Theta (Education)
Pi Sigma Alpha (Political Science)
Sigma Beta Delta (Business)
Sigma Tau Delta (English)

Financial Aid

(See also Scholarships and Awards, page 187)

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, and Objectives of the Financial Aid Office

Linked with the mission of the College, which is to offer a student-centered, higher education 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 works in 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 clearing house for all student financial aid programs, including federal, state, institutional, private, and endowed sources. The Financial Aid Office affirms 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 2004-2005 academic year, 95% 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 \$2,625 to \$29,800, with the average package being \$15,500.

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 program, the Conant, Conval, Mascenic, and Monadnock 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

Early Financial Aid Option

Franklin Pierce College offers prospective students the opportunity to receive an estimate of Financial Aid often 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. This simple 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 \$200 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.

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 Financial Aid Office. "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 College Federal School Code number 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 \$9,000.

Federal Pell Grant

Pell Grants provide grant assistance ranging from \$400 to \$4,050 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—Supplemental Educational Opportunity Grant

This is a federal grant awarded to students with exceptional demonstrated need. Amounts generally range from \$500 to \$2,000 per year.

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 monthly payments of \$40 are required, and a maximum of ten years may be allowed to repay the loan. Perkins Loans made to eligible students range from \$500 to \$4,000 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 \$1,500 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. Hourly wage is based on position and length of employment. Students are paid every two weeks by direct deposit into 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 in 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 \$8000 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 information will be forwarded to all students applying to Franklin Pierce College. Specific instructions are provided regarding completion.

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 \$200 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 fewer than

12 credit hours per semester may receive limited institutional, state, and federal aid.

To maintain eligibility for federal financial aid, a student must maintain a minimum GPA and successfully complete a specified percentage of the work attempted. The Financial Aid Office will measure incremental progress toward degree completion annually at the end of the academic year in May.

Undergraduate full-time students are ineligible for federal aid once they have attempted 180 credit hours or 12 semesters. This time limit also applies to institutional funds. Students enrolling part-time (registration for at least six hours per semester but less than 12) may not receive financial aid for more than 10 years, 20 semesters, or 180 attempted credit hours.

For transfer students, the GPA requirement will be based only on those grades earned at FPC, but will include the total credit hours attempted at all institutions. Total hours attempted at all institutions will be used to calculate the successful completion percentage calculation.

The following provisions apply to the standards of satisfactory academic progress for receipt of federal and institutional student financial aid:

1. Credit hours attempted are defined as those credits for which the student is enrolled at the expiration of the tuition refund period.
2. Satisfactory academic progress in any or all of the optional summer sessions will be determined after the last summer session in which the student takes courses.
3. Courses may be repeated. GPA and credits will be calculated in accordance with FPC's

CREDIT HOURS ATTEMPTED	Cumulative GPA Required	Successful Completion Percentage Required
Up to 15 credit hours attempted	1.00 or higher	45% of hours attempted
16-26 credit hours attempted	1.60 or higher	50% of hours attempted
27-58 credit hours attempted	1.75 or higher	55% of hours attempted
59-92 credit hours attempted	1.95 or higher	60% of hours attempted
93 or more credit hours attempted	2.00 or higher	67% of hours attempted

repeat course policies found under the Academic Regulations in the catalogue.

4. A grade of "I" (incomplete) is considered unsuccessful, and the attempted credit hours will be attributed to the successful completion percentage requirement.
5. The credit hours for course withdrawal (W) will be attributed to the successful percentage completion calculation, except for semesters in which the student successfully completes a minimum of 12 credit hours.

The Financial Aid Office will notify students who fail to meet the progress requirements listed above. Such students have the option to satisfy the requirements in one of two ways:

1. Taking summer course (at their own expense) to raise either their credit hour or grade point average performance, 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 the reasons for failure to meet the requirements. A Financial Aid Appeals Committee will review all appeals. Students who receive this waiver will receive notification of the requirements necessary to bring the hours or grade point average into compliance for the next incremental measurement period.

Students who fail to meet the requirements will be ineligible for any federal, state or institu-

tional financial aid until the student is once again in compliance. If the requirements are met through the satisfaction of either of the two options listed above, the student may continue to receive federal, state and institutional financial aid without interruption.

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%. 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 3% on these loans, and the net loan proceeds will be 3% 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.

Application: A Free Application for Federal Student Aid (FAFSA) must be filed to provide information needed by the College 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 Franklin Pierce College. 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 — Parent Loans for Undergraduate Students

This Federal 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 3% 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 is \$10,000 per year. Consideration for this award is automatic.

2. Provost Scholarship

Awarded by the Admissions Office on the basis of high academic ability and promise of

achievement, this award is \$10,000 per year. Consideration for this award is automatic.

3. Success Grant

Awarded by the Admissions Office to those students who show promise of success at Franklin Pierce, this award ranges from \$5,000 to \$9,000 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 Franklin Pierce College, 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 matriculation.

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 187, Scholarships and Awards.

IV. Other Types of Aid

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-study.

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 works in partnership with the student and family to pursue funding for educational expenses. Those individuals with a sincere interest in attending Franklin Pierce College 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

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 172 for limits on CLEP credits.)

Home School Policy

Franklin Pierce College welcomes applications from home-educated students who satisfy similar qualifications required of traditional secondary school graduates (see Admission Criteria). The home school shall comply with the regulations of the state in which the student was schooled. All applicants must present proof of graduation from their respective secondary school/home school or a GED. Please contact the Admissions Office for further clarification.

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 (603-899-4160).

Readmission Policy for Students Academically Suspended

Students who have been suspended for poor academic achievement may be readmitted if they:

- Attend a Franklin Pierce College Summer Session or a subsequent term at a Franklin Pierce College Professional Studies campus and receive a grade of C or higher in a minimum of six credits (at least two three-credit courses) approved in advance by the Dean of Undergraduate Studies. Students must earn a grade of C or higher in any courses taken during the summer or they will not be permitted to return *or*
- Attend another college and earn grades of C or higher in 12 credits approved in advance by the Dean of Undergraduate Studies.

Suspended students wishing to exercise either of these options should contact the Academic Dean 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, 2005.

Financial clearance must be met for a student to receive transcripts or a 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	\$31,090
Fall or Spring	\$15,545

The Comprehensive Fee includes:

Tuition (\$23,100), Room (\$4,480), and Board (\$3,510)

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 unlimited meal plan.

General Fee — Non-Resident Students

Fall and Spring	\$23,100
Fall or Spring	\$11,550

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)	\$224
Tuition for online courses (per credit hour)	\$251
Room and Board (per term) Room (\$636), Board (\$480)	\$1116

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.	
Room Deposit	\$200
Returning students wishing to participate in the housing selection for the fall semester are required to make a non-refundable \$200 deposit by March 1st.	
New and readmitted students are required to make a non-refundable \$200 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/Security Deposit	\$300
This required deposit will be used to cover any unpaid charges and any balance at year end will be credited on the next year's statement or refunded at graduation.	

Refund Policy

A student may withdraw from the College in accordance with the policies stated on page 201. 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.) 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 173 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 disburseable 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 unlimited meal plan. Students living in Special Living Options may elect one of the other plans, or no meal plan. Any upperclassmen living in standard residences or Cheshire Hall must elect one of the meal plans available to them. All changes must be made at the Residence Life 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)	\$770
Auditing Fee (non-credit/per credit hour)	150
Credit Hour Charge or Auditing Fee (high school student, senior citizen (60+) or alumni)	100
Late Registration Fee (after close of registration)	100
Late Registration Fee (after close of Add-Drop period)	Additional 250
Parking Fee	100
Transcript Fee (the fee must be sent with each written request for a transcript)	10
Transcript Overnight Service	20

Graduation Fee	125
Programming Fee	260
Late Payment Charge (1.0% per month on the unpaid balance)	
Technology Fee	350
Student ID Card Replacement Fee	25

Laboratory and course fees: some courses, especially in the Sciences, Fine Arts, Graphic Communications, Theatre, and Mass Communication involve the use of materials and supplies. Fees ranging from \$15 to \$270 may be charged for these courses. In addition, private music instruction for non-music majors is available at \$350 per course. Check with your instructor if you have any questions about fees.

Payment Plans

Semester Plan:	Fall semester—Full semester balance paid by <i>July 15</i> . Spring semester—Full semester balance paid by <i>December 15</i> .
10 Payment Plan:	Full year charges paid over 10 monthly installments beginning <i>June 15 through March 15</i> . Fee of \$100. The Plan is offered through Tuition Management Services.
12 Payment Plan:	Full year charges paid over 12 monthly installments beginning <i>April 15 through March 15</i> . Fee of \$100. The Plan is offered through Tuition Management Services.

Books and Supplies

The cost of books and supplies is approximately \$800-\$1,000 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 Student Accounts 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 RAVEN-CARD. For further information see the Student Handbook.

Forms & Information

All forms and information for the Students Accounts Office can be found at the FPC website:

<http://www.fpc.edu>
click on **Quick Links**
go to **Student Accounts**

Directory

President's Office

George J. Hagerty, *President*, B.A., Stonehill College, Ed.M., Ed.D., Harvard University
Stella M. van Renesse-Walling, *Assistant to the President*, B.A., Mount Holyoke College
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Academic Affairs

Michael Bell, *Provost and Vice President for Academic Affairs*, B.A., St. Joseph's University, M.A., Ph.D., University of Pennsylvania
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Torri J. Haskell, *Administrative Assistant*
Anna R. Thomford, *Costume Coordinator - Theatre Arts*

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Patricia Moore, *Coordinator of Academic Accommodations*, B.A., University of Massachusetts at Amherst, M.S., Columbia Commonwealth University, Ph.D., Canterbury University (UK)

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Cheryl Flood, *Records Specialist*

Sandra V. Phinney, *Records Specialist*

Paula Aucoin, *Receptionist/Secretary*

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Doug Carty, *Director of Campus Recreation*, A.A., Garrett Community College

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Joanne Cote, *Office Manager*

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Cynthia G. Martin, *Textbook Manager*

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Thomas H. Stone, *Sergeant*

Earl Patria, Jr., *Corporal*

Mike Patinsky, *Coordinator of Administrative Services*

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Beth A. Clark, *Data Entry and Gift Processing Assistant*

Community Scholarship Consortium

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Monadnock Institute of Nature, Place and Culture (MINPC)

John R. Harris, *Executive Director*, B.A., M.A., Ph.D., University of North Carolina at
Chapel Hill

New England Center for Civic Life (NECCL)

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Hampshire, M.A., Simmons College

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Anne Lord, *Coordinator*

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John Weir, *Maintenance Manager*

Thelma D'Alessio, *Office Manager*

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Ron Hagstrom, *General Maintenance*

Rob Hannings, *Electrician*

Bob Jones, *Groundskeeper*

Chris Moore, *Mechanic*

Eric Nelson, *Locksmith*

Al Perry, *Carpenter*

Roland Pillsbury, *General Maintenance*

Mike Ryan, *Groundskeeper*

Jean St. Pierre, *Airframe Technician*

Brian Wright, *General Maintenance*

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Angie Norwood-Lavoie, *Distribution Coordinator*
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Carole Brasili

Darlene Caisse

Jessica Campbell

Lynda Cole

Leigh Hickman

Rebecca Labonte

Cindy Lafreniere

Eric McBride

Karen McCrillis

Lisa McGee

Laurie Ray

Terrence Reardon

Nancy Ringland

Brenda Walkonen

Vanessa Williams

James Wolfe

Darel Woods

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Kimberly Jensen, *Catering Manager*

Clayton Nash, *Chef Manager*

Nancy McMillan, *Operations Manager*

Mary O'Connor, *Office Manager*

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Connie Inacio, *Assistant Professor—M.S. in Physical Therapy*, B.S., M.Ed., Northeastern University

Andrew K. Jones, *Assistant Professor—M.S. in Information Technology Management*, B.A., Franklin Pierce College, M.S., Embry-Riddle Aeronautical University, M.S., Louisiana State University

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This Bulletin is binding on all students registering for admission to Franklin Pierce College or in classes after May 14, 2005.

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 2004

State or Protectorate	Number	Percent
Arizona	2	0.1
Arkansas	1	0.1
California	14	0.9
Connecticut	216	13.4
Delaware	4	0.2
Florida	5	0.3
Georgia	2	0.1
Illinois	3	0.2
Kansas	1	0.1
Louisiana	1	0.1
Maine	92	5.7
Maryland	7	0.4
Massachusetts	556	34.6
Michigan	2	0.1
Minnesota	1	0.1
Nevada	1	0.1
New Hampshire	261	16.2
New Jersey	75	4.7
New York	144	9.0
North Carolina	2	0.1
Ohio	4	0.2
Pennsylvania	28	1.7
Rhode Island	71	4.4
Texas	8	0.5
Utah	1	0.1
Vermont	42	2.6
Virginia	4	0.2
Washington	3	0.2
Wisconsin	1	0.1
Other*	7	0.4
Foreign Countries	Number	Percent
Australia	2	0.1
Bahamas	1	0.1
Brazil	1	0.1
Canada	11	0.7
China	1	0.1
Finland	3	0.2
Germany	1	0.1
Ireland	3	0.2
Japan	17	1.1
Netherlands	2	0.1
Romania	1	0.1
Turkey	1	0.1
United Kingdom	3	0.2
Totals	1608	100.00

**U.S. Territories, Military Bases, and District of Columbia*

Source: OIRA enrollment census file, September

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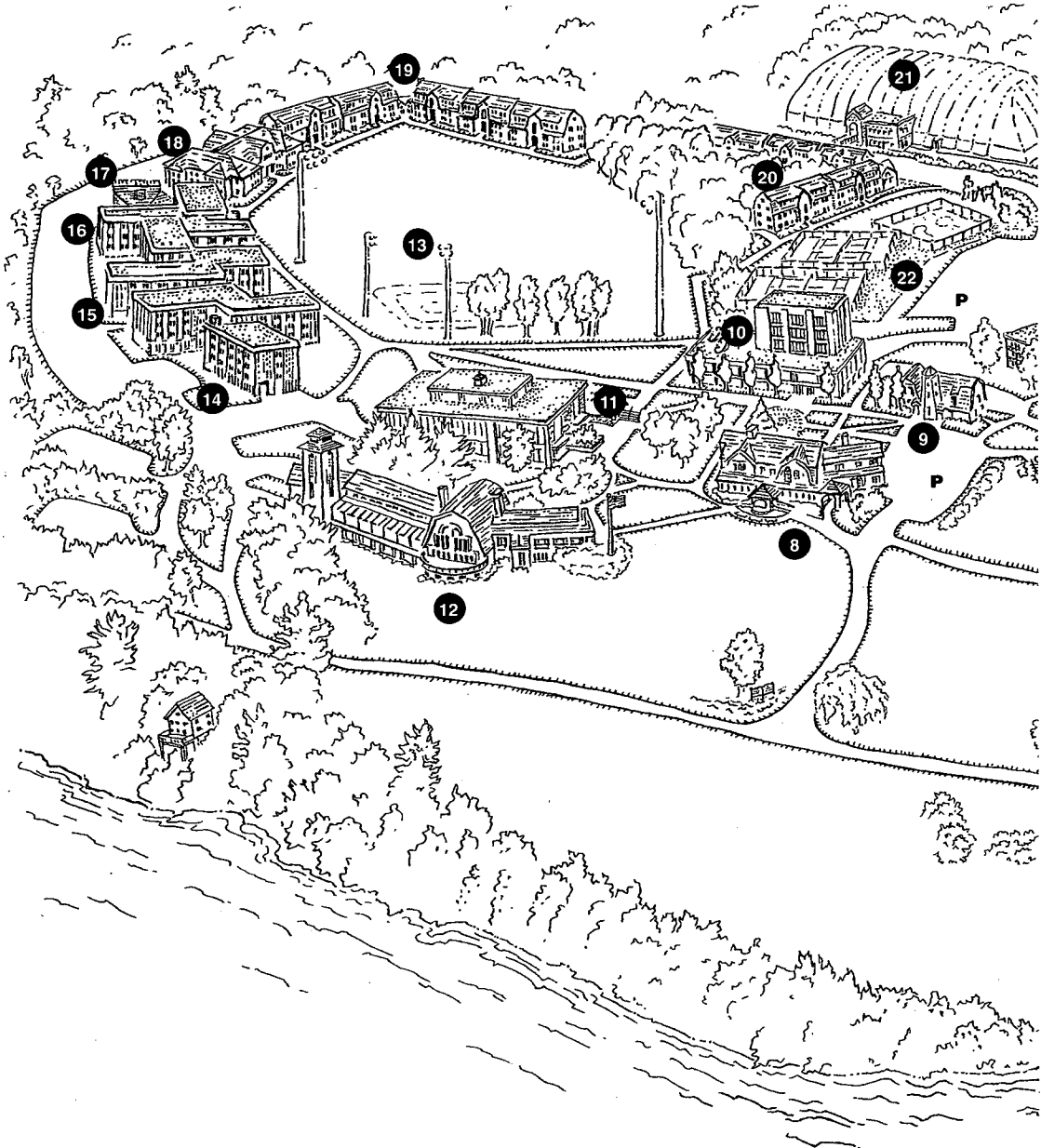
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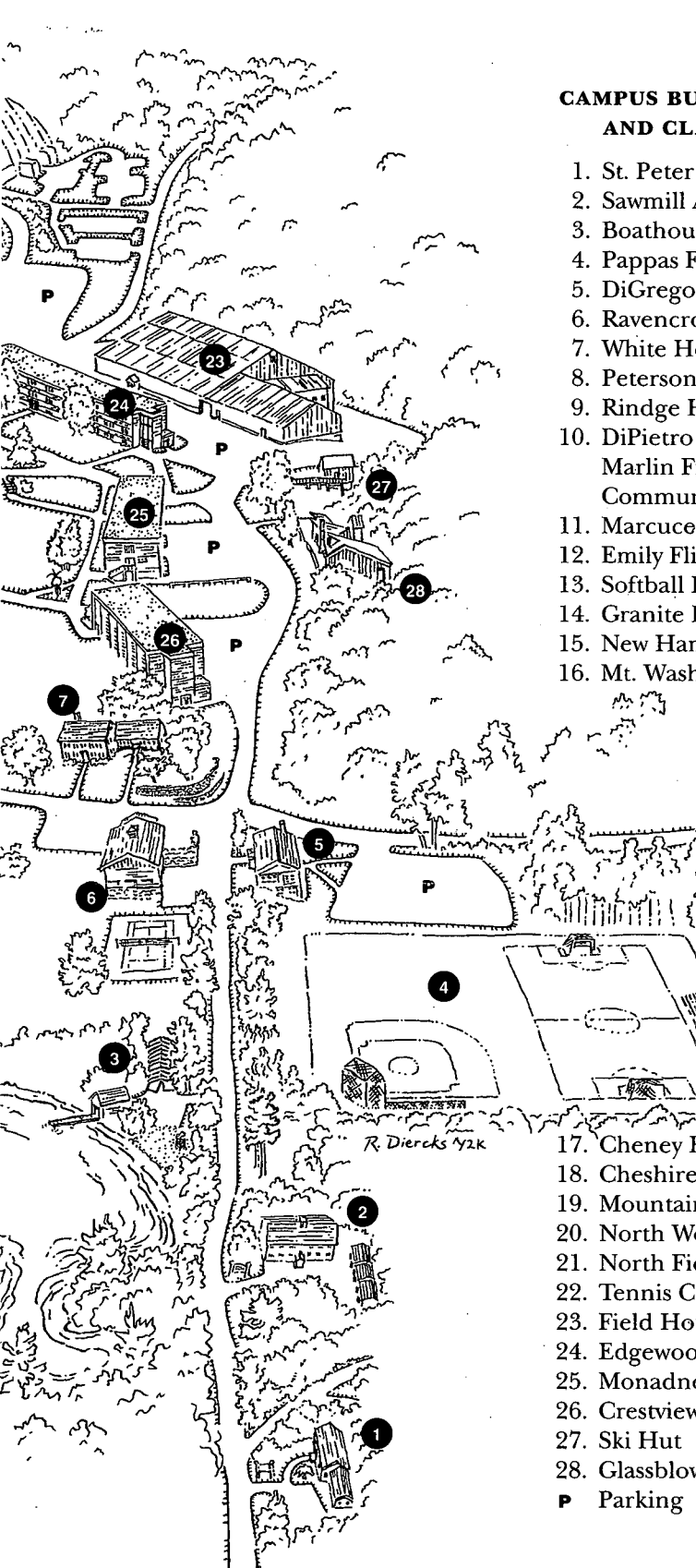
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FRANKLIN PIERCE COLLEGE CAMPUS



CAMPUS BUILDINGS AND CLASSROOMS

1. St. Peter's (*Visitor Check in*)
2. Sawmill Apartments
3. Boathouse/Beach/Waterfront
4. Pappas Field and Sodexo Field
5. DiGregorio Building
6. Ravencroft Theatre
7. White House
8. Peterson Hall
9. Rindge Hall
10. DiPietro Library Resource Center/
Marlin Fitzwater Center for
Communication
11. Marcucella Hall
12. Emily Flint Campus Center
13. Softball Field
14. Granite Hall
15. New Hampshire Hall
16. Mt. Washington Hall

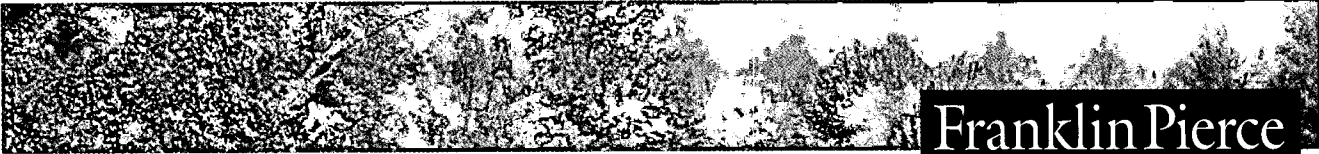
17. Cheney Hall
18. Cheshire Hall
19. Mountain View Apartments
20. North Woods Apartments
21. North Fields Activity Center
22. Tennis Courts
23. Field House
24. Edgewood Hall
25. Monadnock Hall
26. Crestview Hall
27. Ski Hut
28. Glassblowing Studio
- P Parking

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.



Franklin Pierce

20 College Road, Rindge, NH 03461-0060
1-800-437-0048

Application for Admission

No fee required *

Name _____
Last First Middle Home Telephone () _____
Area Code

Cell Phone () _____

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 CAT

I plan to: ☐ Reside in campus housing ☐ Reside off-campus ☐ Commute from home

How did you learn about Franklin Pierce College? _____

Secondary School Information

Name of High School you are attending or did attend _____ H.S. Grad. date _____

High School Address _____
Address City State Zip/Postal Code

Type of School: ☐ Public High School ☐ Private/Parochial Day School ☐ Private/Parochial Boarding School ☐ Home School

Name of Guidance Counselor _____ Telephone # () _____ CEEB# _____
Area Code

Guidance Counselor email address _____ Guidance Counselor FAX _____

If you are a transfer student, 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
---------	----------------	--------

Academic Programs (Number, in order of preference, ONLY those areas that are of interest to you.)

*Majors are listed in **bold**, others are minors or electives.*

- | | | | |
|--|---|--|---|
| ☐ Accounting-Finance | ☐ Creative Writing | ☐ Management | ☐ Pre-Med |
| ☐ Acting/Directing | ☐ Criminal Justice | ☐ Marketing | ☐ Pre-Physical Therapy |
| ☐ Advertising | ☐ Dance | ☐ Mass Communication | ☐ Psychology |
| ☐ American Studies | ☐ Economic Theory | ☐ Journalism, Media Studies | ☐ Social Work and Counseling |
| ☐ Anthropology (Archaeology) | ☐ Education | ☐ Media Production | ☐ Sociology |
| ☐ Art | ☐ (Elementary, Secondary, Art) | ☐ Mathematics | ☐ Sports and Recreation Management |
| ☐ Arts Management | ☐ English | ☐ Music | ☐ Technical Theatre/Design |
| ☐ Biology | ☐ Environmental Science | ☐ Performance, Professional, Technology | ☐ Theatre and Dance |
| ☐ Business Administration | ☐ Environmental Studies | ☐ Political Science | ☐ Student Designed Major |
| ☐ Chemistry | ☐ Global Citizenship | ☐ Pre-Law | ☐ Undecided |
| ☐ Computer Information Technology | ☐ Graphic Communications | | ☐ Women's Leadership |
| | ☐ History | | |

Application for Admission (continued from other side)

List any information about yourself which you think may be helpful in evaluating your qualifications for admission: (honors, clubs, sports, employment, or other activities). **If you have been out of school for over six months, you must outline your activities since graduation.** Please use an additional page when necessary.

Indicate your favorite sport or activity _____ Detail any physical limitations _____
Have you taken the ☐ SAT ☐ ACT or ☐ TOEFL? Date test has been or will be taken _____
Are you a veteran? ☐ Yes ☐ No Are you entitled to veteran's benefits? ☐ Yes ☐ No

Financial Aid Information (Title IV Code# 002575)

Do you intend to apply for financial assistance from Franklin Pierce College? ☐ Yes ☐ No

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.

Are you interested in this option? ☐ Yes ☐ No

Family Information

Father's/Guardian's Name _____	Mother's/Guardian's Name _____
Address _____	Address _____
City _____ State _____ Zip _____	City _____ State _____ Zip _____
Title/Occupation _____	Title/Occupation _____
Name of Firm _____	Name of Firm _____
Business Telephone (____) _____	Business Telephone (____) _____
Cell Phone _____	Cell Phone _____
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 _____

City _____ State _____ Zip _____ (____) _____ Phone _____

Applicant Authorization Statement

Your application will be processed upon receipt of the following documents:

- 1) This COMPLETED and SIGNED Application form.
- 2) An official transcript of all high school and college grades to date.
- 3) SAT or ACT scores from testing agency. The writing portion is required.
- 4) Guidance Counselor recommendation.
- 5) You may submit an additional essay on a topic of your choice to supplement the standardized test essay.

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.

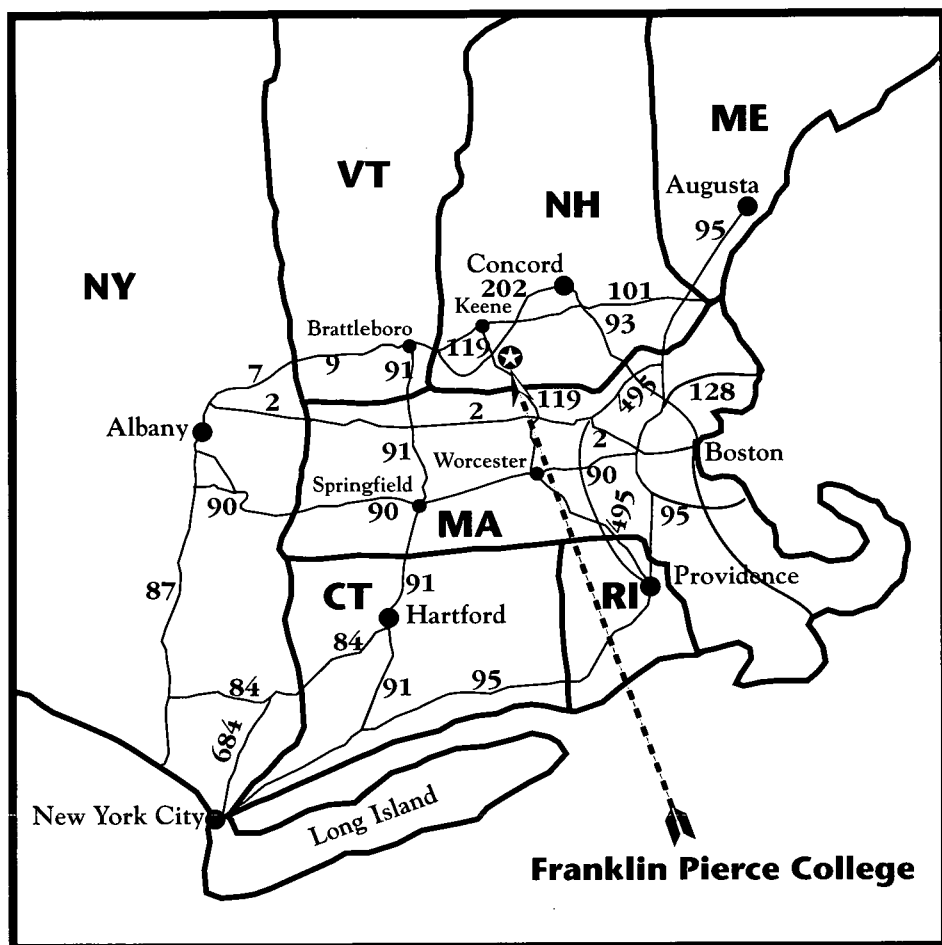
WE CANNOT OBTAIN TRANSCRIPTS OF PREVIOUS COLLEGE LEVEL COURSES. TRANSFER APPLICANTS MUST HAVE ALL TRANSCRIPTS OF PREVIOUS COLLEGE WORK SENT TO US.

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. (We have not required an Application Fee since 1975).

Franklin Pierce College does not discriminate on the basis of race, gender, color, disability, national or ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, 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 $4\frac{1}{2}$ hours; from Boston, $1\frac{1}{2}$; and from Keene, New Hampshire, 25 minutes.

Franklin Pierce College

20 College Road

Rindge, New Hampshire 03461

Nonprofit
Organization
US Postage
PAID
Franklin Pierce
College

For admission and

financial aid information

call toll free: 800-437-0048

or 603-899-4050

fax: 603-899-4394

or visit our web site at:

www.fpc.edu

