

Franklin Pierce

OF NEW HAMPSHIRE

ACADEMIC CATALOGUE

2002-2003

ACADEMIC CALENDAR 2002-2003

FALL SEMESTER 2002

Residence Halls Open/New Students Arrive
Orientation for New Students
Returning Students Arrive
Registration for Returning Students
Registration for New Students
Classes Begin
Family Weekend
Fall Break Day
Tuesday Classes Follow Monday's Schedule
Homecoming
Admissions Open House
Last Day of Classes Before Thanksgiving Break
Residence Halls Re-Open
Classes Resume
Classes End for the Semester
Reading Day
Final Examinations
Winter Break Begins

Sat	31-Aug
Sat-Mon	31-Aug-2-Sep
Sun	1-Sep
Sun	1-Sep
Mon	2-Sep
Tue	3-Sep
Fri-Sun	4-6-Oct
Mon	14-Oct
Tue	15-Oct
Fri-Sun	18-19-Oct
Sat	9-Nov
Tue	26-Nov
Sun	1-Dec
Mon	2-Dec
Thu	12-Dec
Fri	13-Dec
Sat-Wed	14-18-Dec
Wed	18-Dec

SPRING SEMESTER 2003

Martin Luther King Day
Residence Halls Open/New & Returning Students Arrive
Orientation for New Students
Registration for New & Returning Students
Classes Begin
President's Holiday
Last Day of Classes Before Spring Break
Residence Halls Re-Open
Classes Resume
Admissions Open House
Awards Convocation
Classes End for the Semester
Reading Day
Final Examinations
Senior Breakfast
Baccalaureate/Senior Reception
Commencement

Mon	20-Jan
Tue	21-Jan
Tue	21-Jan
Wed	22-Jan
Thu	23-Jan
Mon	17-Feb
Fri	14-Mar
Sun	23-Mar
Mon	24-Mar
Sat	12-Apr
Wed	7-May
Wed	7-May
Thu	8-May
Fri-Tue	9-13-May
Fri	16-May
Sat	17-May
Sun	18-May

SUMMER SESSIONS

Summer Session I Begins
Summer Session I Ends

Mon	2-Jun
Fri	27-Jun

Summer Session II Begins
Summer Session II Ends

Mon	30-Jun
Fri	25-Jul

*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 1,700 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 1-800-437-0046 or sending an e-mail to admissions@fpc.edu.

Table of Contents

Academic Calendar	Inside Front Cover
President's Message	2
The College	4
Study Abroad/London Program/ Walk in Europe	7
Academic Programs and Services	8
Franklin Pierce at a Glance	17

Courses of Instruction

Accounting	18
Advertising	21
American Studies	24
Anthropology/Archaeology	27
Arts Management.....	33
Art – Fine Arts	38
Graphic Communications.....	90
Biology	43
Biology and Behavior	114
Business Administration	50
Business Program.....	49
Chemistry	52
Computer Science	53
Criminal Justice	58
Dance	167
Economic Theory	62
Education	63
English	73
Environmental Science/Studies	80
Financial Management.....	86
French	133
Geography	89
Geology	89
Graphic Communications	90
History	93
Honors Program	99
Individual and Community Integrated Curriculum	101
Information Technology	111
Interdisciplinary Courses	114
Interdisciplinary Majors	114
Interdisciplinary Minors	114

International Business	115
Management	115
Marketing	118
Mass Communication	122
Journalism, Media Management, Media Production, Media Studies	
Mathematics	129
Modern Languages	132
Music	134
Non-Traditional	140
Philosophy	141
Physics	143
Political Science	144
Pre-Law	16
Pre-Health	16
Psychology	149
Religious Studies	143
Science	154
Social Theory	115
Social Work and Counseling	155
Sociology	156
Spanish	133
Sports & Leisure Management	161
Student-Designed Major.....	166
Teacher Certification	63
Theatre and Dance – Performance, Dance and Technical Design	167
Women's Studies	176
Academic Regulations	179
Student Life and Services	187
Scholarships and Awards	194
Financial Aid	198
Admissions Information	204
Financial Information	206
Directory	210
Geographic Distribution	224
Index	227
Campus Map	230
Application for Admission	Inside Back Cover
Travel Directions	Inside Back Cover

Notice of Nondiscrimination Policy as to Students

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

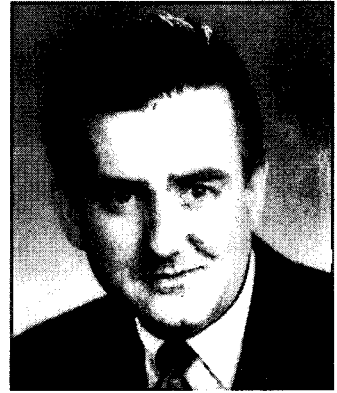
In compliance with the Family Educational Rights and Privacy Act of 1974, the College guarantees that matriculating students have the right to inspect all personally identifiable records maintained by the College and may challenge the contents and accuracy of those records through appropriate College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

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

Franklin Pierce College
20 College Road, Rindge, New Hampshire 03461
Phone Number: 1-800-437-0048 or 1-603-899-4050
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-six 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 background. 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

has provided a foundation from which he has been able to advance and transform the College and to secure 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, 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 leadership role, Dr. Hagerty has effectively guided the convergence of two powerful forces resident on each of Franklin Pierce's seven campuses. Tradition and innovation have been successfully balanced to create a community that honors its accomplishments while eagerly seeking 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 five years since that award, Dr. Hagerty has focused the energies of the College on several important accomplishments:

Three academic Institutes, interdisciplinary by design, have been established. 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, and the Master of Physical Therapy.

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 Frank S. 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 current Board appointments are service on the Board of Directors of the National Association of Independent Colleges and Universities (NAICU), the Presidents' Council of the National Collegiate Athletic Association (NCAA), 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 Commission, serves as Chairman of the Board of the State's Political Library, and is the Vice Chairman of the New Hampshire College and University Council (NHCUC).

Dr. Hagerty, his wife, Laura, and their three children, Matthew, Emily, and Andrew, live in Keene, New Hampshire.

Mission Statement

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

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

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

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

Institutional Overview

Franklin Pierce is a four-year, coeducational, nonsectarian college located in Rindge, New Hampshire. There are approximately 1560 students enrolled at the main campus in Rindge, which is situated on more than 1,200 acres of woodland, fields, and waterfront, and near the base of Mt. Monadnock. The College has satellite campuses in Concord, Keene, Lebanon, Portsmouth, Salem, 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, two apartment houses, a townhouse complex, condominium apartments, suites, an administrative services building, a field house, 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 include 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 26 subject areas: Accounting, Advertising, American Studies, Anthropology, Arts Management, Biology, Computer Science, Criminal Justice, English, Environmental Science, Financial Management, Fine Arts, Graphic Communications, History, Information Technology, Management, Marketing, Mass Communication, Mathematics, Music, Political Science, Psychology, Social Work and Counseling, Sociology, Sports and Leisure Management, and Theatre Arts. Major requirements generally range from 30 to 54 credits.

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

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

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

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

Teacher Certification

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

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

Activities

Campus activities include a variety of academic and special interest clubs such as the Campus Activities Board, Student Government Association, Pierce Arrow (newspaper), Raven (Yearbook), WFPC FM Radio Station, twenty-five social clubs and the Crimson-Grey Cultural Committee. Bus trips and special events are offered on weekends. Athletic programs meet the needs and interests of most students. They include many recreational and intramural sports. At the intercollegiate level, men compete in baseball, basketball, crew, cross country, lacrosse, golf, soccer, tennis, and ice hockey. For women, basketball, cross country, crew, golf, lacrosse, field hockey, soccer, softball, tennis, and volleyball are available.

Division of Graduate and Professional Studies

(Formerly Division of Continuing Education)

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

Enrollments: Undergraduate – 2,000 Graduate – 200

Undergraduate Studies

Offerings include a Bachelor of Arts Degree with majors in American Studies, Criminal Justice, and Human Services. A Bachelor of Science degree is offered in Accounting, Computer Science, Financial Management, 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

The Graduate Studies Program offers a Master of Business Administration in Leadership, a Master of Science in Information Technology Management, and a Master of Physical Therapy. Both the MBA and MSITM are structured around a two-year schedule, and may be pursued at all Professional Studies campuses. The MPT is designed as a traditional day program and is focused primarily at our Concord campus.

Certificate Programs

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

Advanced Standing

Transfer from Other Accredited Institutions

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

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

The Life Experience Advancement Program (LEAP) allows students to request credit for knowledge they have accumulated through non-collegiate classroom, work-related, or personal experiences. When college-level learning is demonstrated, credits may be applied toward graduation. Students prepare a Life Experience Portfolio which is evaluated by an interdisciplinary Life Experience Advancement Program Review Board. Students should contact the Registrar for information about application procedures. (See page 180 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, New England 10 Conference and New Hampshire College and University Council.

Study Abroad

London Program

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

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

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

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

The Richmond College catalogue is available in each divisional office. In addition, a videotape of Richmond College is available in the library. Questions regarding Richmond College should be addressed to the Office of Academic Affairs.

Walk in Europe

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

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

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

Each student will also finalize plans for an independent study related to his/her major (to be completed before or after the Walk). Sophomores may waive Experiencing the Arts (IC 205). Juniors may waive either Reason & Romanticism (IC 360) or Ancient & Medieval Worlds (IC 310), whichever is offered during the Walk Semester) and Science of Society I (IC 305).

Prerequisites: Sophomore class level or higher.

Fall Semester

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

Academic Programs and Services

Liberal Education Requirements:

The Individual and Community Integrated Curriculum

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

No theme has more power or relevance in 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, 42-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 101-110).

Freshman Year

Fall

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

Spring

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

Sophomore Year

IC 205 Experiencing the Arts (3) IC 201 Foundations of Mathematics (3)*
IC 210 The American Experience (3) IC 204 Portfolio Assessment Seminar(1)**
IC 260 The Twentieth Century (3)

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

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

MT 151 Algebra I (3)

MT 221 Calculus I (4)

MT 321 Calculus III (4)

See pages 131-132 for further information on the above courses.

Junior Year

Fall

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

Spring

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

Senior Year

Fall or Spring

IC 410 Senior Year Liberal Arts Seminar (3)

The College Year

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

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 Professor Mary Kelly, History Department, at 603.899.4392 or kellymc@fpc.edu.

Goals of the Student Experience

Students who graduate from Franklin Pierce College should:

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

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 important decision and should be made only after careful consideration. A student may choose to major in more than one academic area; however, all requirements for each major must be met. Major requirements generally range from 30 to 54 credits (See page 4 for a complete list of majors and pages 18-179 for descriptions of them.) Students also have the option of designing their own interdisciplinary major (see Student-designed major, page 166). All majors must be completed in conjunction with the 42-credit Individual and Community Integrated Curriculum. (See Liberal Education Requirements, page 105.)

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.

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

The Washington Center for Internships and Academic Seminars

The Washington Center provides undergraduate students and recent college graduates with a comprehensive, participatory learning experience in Washington, D.C. In an effort to promote future leadership for public, private, and 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 FPC interns have worked 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. Robin Marra, Political Science Department, at 603.899. 4208 or marrarf@fpc.edu.

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 FPC to national polling prominence—reaching more than 150 different media outlets in at least 35 states and 4 foreign countries.

In addition to experiencing the New Hampshire Primary at a grassroots level, students across campus have been able to conduct polls involving not only the gubernatorial election and the race for the U.S. Senate, but also on issues of local and statewide importance. 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. .

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

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

Each summer and winter, the Center offers accredited sixteen-day programs on the coast of Maine, Nova Scotia, Canada, Florida, and the Caribbean: The Mariners, Global Voyagers and Explorers. Student Mariners and Global Voyagers participate in a voyage of discovery aboard the 131- foot schooner, Harvey Gamage, or Spirit of Massachusetts. The Explorers is a kayaking expedition into the marine environment of Maine's Muscongus Bay or snorkeling in the Florida Keys. For further information regarding the M.A.R.E. program, contact Dr. Ron Baptiste, Athletics Department, at 603.899.4117 or baptisre@fpc.edu.

The New England Center for Civic Life

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

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

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

For further information regarding the New England Center for Civic Life, contact Dr. Douglas Challenger, Department of Sociology, at 603.899.4263 or challedf@fpc.edu.

Monadnock Institute of Nature, Place, and Culture

Founded in 1996, the Monadnock Institute of Nature, Place and Culture at Franklin Pierce College seeks to understand and cultivate a sense of place by promoting studies of specific

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

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

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, recreational, and educational 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. Scholarships pay up to full tuition, all mandatory fees, and required textbooks for all courses. In addition, freshman and sophomore scholarship recipients, and all enrolled juniors and seniors, receive a tax-free subsistence allowance ranging from \$250-\$400 per month.

For more information, contact:

The University of New Hampshire

Air Force ROTC at (603) 862-1480

or Army ROTC at (603) 862-1078

Academic Advising

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

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

Academic Support Services

A variety of services are available and free to all Franklin Pierce 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 mathematics, 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 in order that a learning contract can be established between 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 alternative setting for tests and notetakers to professional individual tutoring and 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 by-appointment 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 course (grades are figured into the GPA but not counted as credit toward graduation). The number of ESOL credits a student is required to take each semester is decided according to the student's score on an initial placement test and his or her subsequent progress within the program.

TR 020 Speaking and Listening

3 credits

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

TR 030 Written English

3 credits

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

TR 040 Readings in Academic English

3 credits

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

TR 050 ESOL Lab

2 credits

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.

TR 060 Critical Writing**3 credits**

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

TR 070 American Culture and Community**3 credits**

Advanced ESOL students refine their skills in listening, speaking, reading, and writing as they explore American culture, literature, issues, and humor. Students' cultural experiences and insights are used for oral and written 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 Academic Accommodations, who can be reached in the Academic Services Center. In order to access academic accommodations, results of the most recent psychoeducational evaluation must be on file in the Academic Services Center.

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

Career Planning and Placement

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

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

Library

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

In support of its educational mission, the Franklin Pierce College Library provides a comfortable open stack environment for study and research. The 120,000 volume collection includes books, microform, compact discs, slides, software, audio and video cassettes, as well as subscriptions to more than 6,657 full-text electronic and print periodical titles. Web-based resources, including the EbscoHost full-text periodicals database, enhance the physical collection. The library catalog and other resources and services are available on the web at: library.fpc.edu.

Open 90 hours a week during the academic year, the Library offers a variety of services including online database searching and interlibrary loan through the Online Computer Library Center (OCLC). Through the College's membership in the New Hampshire College and University Council, students are accorded normal borrowing privileges at twelve college libraries.

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 two T-1 lines for high-speed connectivity. All computer labs and residence hall rooms have access to the FPC student network, allowing students to access the World Wide Web, email, research material, and recreational activities.

Computer Labs

There are three computer labs located at the Rindge campus, including one Macintosh graphics lab and two PC labs. There are also seven additional computer labs on the Graduate and Professional Studies campuses. The software installed in the PC labs includes Windows98, Visual Suite, Microsoft Office97 and 2000 products, 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 Pre-Health Advisor orients individual students to the general requirements for admission to medical schools.

The Graduate and Professional Studies Division at Franklin Pierce College has a new Master of Physical Therapy program. Undergraduate students at the Rindge campus with an interest in a career in Physical Therapy should speak with the Pre-Health Advisor, or with other members of the Biology faculty for information about the physical therapy track now being developed in the biology curriculum. This new track in Physical Therapy will provide sound undergraduate preparation for the Master of Physical Therapy 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:

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

Additional information is available from Dr. Linda Malmgren, Pre-Health Advisor, Natural Sciences Division. (603-899-4218).

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: 1,569 (Fall, 2001)

Geographical Distribution: 32 states, 14 countries (Fall, 2001)

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

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: Richmond College, London/Walk in Europe

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

Faculty-Student Ratio: 1 to 15

Average Class Size: 19

Library: 120,000 volumes, 6,657 periodical titles

Cost: Yearly tuition and fees (including room and board) 2002-2003 – \$27,445

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, Nashua, Portsmouth, and Salem)

Courses of Instruction

Accounting (AC)

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

A Bachelor of Science degree is offered in Accounting.

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

The major in Accounting combines a basic liberal arts education with a strong preparation for a career in Accounting. During the first two years of study, emphasis is placed on the College and Division core course requirements. During the junior and senior years, emphasis is placed on those areas most necessary for entry into the accounting field.

Major Requirements

In addition to the Individual and Community Integrated Curriculum (page 105) and the Division of Business Administration core course requirements (page 49), students must pass the following courses with a grade point average of at least 2.0 to fulfill the Accounting major requirements:

AC102	Principles of Accounting II*	AC314	Cost Accounting I
AC213	Intermediate Accounting I	AC323	Auditing Theory
AC214	Intermediate Accounting II	AC354	Individual Income Taxes
		AC474	Advanced Accounting I

* AC101 Principles of Accounting I is part of the Division of Business Administration core.

An Honors candidate for any major in the Business Program must have a 3.0 overall GPA and a 3.25 GPA with no grade lower than a C- (cannot be repeated for credit), in all major courses. A candidate for High Honors will meet all requirements for honors, but will have a 3.5 GPA for all those courses specified for the major. Candidates for Honors/High Honors must have completed and defended a thesis in their major area. The Divisional Faculty may consider internships, senior independent projects, and business plans of superior quality.

Minor Requirements

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.

Required for Graduation

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

- IC101 Individual and Community
- IC105 College Writing I
- IC110 Laboratory Science I
- AC101 Principles of Accounting I
- _____ Elective (CS101 suggested)

Spring Semester

- IC106 College Writing II
- IC201 Foundations of Math
- IC111 Laboratory Science II
- AC102 Principles of Accounting II
- _____ Elective

Sophomore Year

Fall Semester

IC205	Experiencing the Arts
IC210	American Experience
AC213	Intermediate Accounting I
ET101	Principles of Economics I
BA100	Introduction to Business

Spring Semester

IC260	Twentieth Century
IC204	Portfolio Assessment Seminar
AC214	Intermediate Accounting II
FM224	Principles of Financial Management
_____	Elective
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
BA258	The Legal & Social Environment of Business
AC314	Cost Accounting
AC323	Auditing Theory
_____	Elective (if IC310 not selected)

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
MT260	Statistics
BA374	Research Methods (if AC491 selected)
AC354	Individual Income Taxes
_____	Elective (if AC360 not selected)

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

Senior Year

Fall Semester

AC391	Internship or
AC491	Senior Indep. Research Paper
AC474	Advanced Accounting I
IB364	The Global Economy
_____	Elective
_____	Elective

Spring Semester

BA471	Senior Business Seminar
IC410	Senior Liberal Arts Seminar
_____	Elective
_____	Elective
_____	Elective

Accounting 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

Cost Accounting I addresses the problem of cost control in a manufacturing environment by studying common cost accounting techniques, job order, process, and standard cost accounting methods. *Prerequisite: AC214.*

AC315 Cost Accounting II**3 credits**

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

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

AC355 Taxation of Partnerships and Corporations**3 credits**

This tax course examines the Code as it applies to business entities. The student will apply this knowledge in the preparation of income tax returns and related schedules and forms for corporations and informational returns prepared for partnerships. *Prerequisite: AC354 or permission of instructor.*

Spring of odd years.

AC390 Internship in Accounting**2–3 credits**

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites: AC102, ET102, MN201, MK201, junior class standing, a CGPA of at least 2.0 and permission of Division Chair.*

AC391 Internship in Accounting**2–3 credits**

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

AC474 Advanced Accounting I**3 credits**

This advanced accounting course is a requirement for all Accounting Majors, and concentrates in areas which are common requirements for both public and non-public careers. Topics to be covered are: consolidated financial statements, foreign operations and transactions, and SEC reporting. *Prerequisite: AC214.*

AC475 Advanced Accounting II**3 credits**

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

AC491 Senior Independent Research Paper**4 credits**

The student is required to develop a research topic and a testable hypothesis which uses pri-

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

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

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

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

These one-credit courses are 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 five 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)

ASSISTANT PROFESSORS: Kelly Kilcrease, Jason Little

AFFILIATED FACULTY: Richard Block (Graphic Communications), Robert Diercks (Graphic Communications), John Soares (Mass Communication)

A Bachelor of Science degree is offered in Advertising.

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

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

Major Requirements

In addition to the Individual and Community Curriculum (page 105), the following courses must be completed successfully with a grade point average of at least a 2.0 to fulfill the major requirements. The Advertising Major combines a basic liberal arts education and specialized preparation in the areas of marketing, graphics, and mass communication. Divisional core requirements (page 49) do not apply to advertising majors. In lieu of the business administration core comprehensive exam, advertising majors will be required to only take the major comprehensive exam.

MC100	Communication, Media, and Society	AD304	Advertising
ET101	Principles of Economics I	AD390	Internship in Advertising
MN201	Principles of Management	EN/MC	Upper level Writing Course*
BA213	Business Law I	GC201	Graphic Design I
MK201	Principles of Marketing	GC251	Graphic Production I
MK314	Consumer Behavior	MT260	Statistics
MK333	Marketing Research	TH180	Public Speaking

Beyond IC105 & IC106: appropriate courses include one from EN205, EN220, EN235, EN237, EN241, EN417, EN421, MC211, MC252, or MC352 or AD492 Senior Independent Advertising Project or AD491 Advertising Thesis

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

AD370 Advertising in America	MC230 Introduction to Media Production
FM224 Principles of Financial Management	MC304 Media Law
GC302 Graphic Design II	MC362 Media Marketing
GC321 Typography	MC384 Persuasion Through Media
GC341 Illustration	MK350 Electronic Commerce
GC367 Commercial Photography I	MK365 International Marketing
GC371 Computer Graphic Design I	

An Honors candidate for any major in the Business Program must have a 3.0 overall GPA and a 3.25 GPA with no grade lower than a C- (cannot be repeated for credit), in all major courses. A candidate for High Honors will meet all requirements for honors, but will have a 3.5 GPA for all those courses specified for the major. Candidates for Honors/High Honors must have completed and defended a thesis in their major area. The Divisional Faculty may consider internships, senior independent projects, and business plans of superior quality.

Minor Requirements

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

MK201 Principles of Marketing	MC100 Communication, Media and Society
GC201 Graphic Design I	MK314 Consumer Behavior
GC251 Graphic Production I	MC271 Writing for the Electronic Media
AD304 Advertising	

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

EN/MC Writing Course	MC362 Media Marketing
GC371 Computer Graphic Design I	MK333 Marketing Research

Required for Graduation

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC101 Individual and Community
IC105 College Writing I
IC110 Integrated Science I
CS101 Introduction to Computers
_____ Elective

Spring Semester

ET101 Principles of Economics I
IC106 College Writing II
IC111 Integrated Science II
_____ Mathematics Requirement
MC100 Communication, Media & Society

Sophomore Year

Fall Semester

IC210 American Experience
IC205 Experiencing the Arts
MK201 Principles of Marketing
MN201 Principles of Management
_____ Major Elective**

Spring Semester

IC260 Twentieth Century
GC201 Graphic Design I
MK314 Consumer Behavior
TH180 Public Speaking
MT260 Statistics
IC204 Portfolio Assessment

Junior Year

Fall Semester

IC310	Ancient and Medieval Worlds*
IC305	Science of Society I
BA213	Business Law I
GC251	Graphic Production I
AD304	Advertising
MK333	Marketing Research

Spring Semester

IC360	Reason and Romanticism*
IC306	Science of Society II
MC/EN	Upper Div. Writing Requirement**
_____	Major Elective**
_____	Elective
_____	Elective

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
AD390	Internship in Advertising***
_____	Major Elective and/or Electives

Spring Semester

_____	Electives
-------	-----------

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

*** or AD492 Senior Independent Advertising Project or AD491 Advertising Thesis

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

AD 370 Advertising in America: A Cultural and Historical Perspective

3 credits

This course surveys the development of thought and practice in the field of advertising. It addresses changes in media, creative expression, organization, theory and criticism in American advertising from the Colonial period to the present. Lecture and seminar format. *Prerequisite: IC210.*

As Needed

AD390 Internship in Advertising

2-3 credits

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

AD391 Internship in Advertising

2-3 credits

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

AD480 Senior Independent Advertising Project

3 credits

The student and advisor will mutually agree upon a Learning Contract that the student will execute as a semester project. Examples of projects include (but are not limited to) an advertising campaign plan, an e-Commerce web site, advertisements of professional/studio quality (these could include print, videocassette, computer CD's, DVD's radio, outdoor, direct mail, and other media formats), packaging, trademarks, and logo designs. The advisor and at least one off-campus professional will evaluate created works.

AD491 Senior Independent Advertising Thesis**4 credits**

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

AD299, 399, 499 Independent Study in Advertising**2-3 credits each**

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

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

These one-credit courses are 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 five 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.

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), Joni Doherty (American Studies), Robert G. Goodby (Anthropology), John R. Harris (American Studies), Mary C. Kelly (History), Douglas A. Ley (History), Jason Little (Marketing), Robin F. Marra (Political Science), Alana J. Mosley (Elementary Education), 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 interdisciplinary program consists of courses dealing with American history, literature, society, government, media, arts and music, thought and belief, education, and economics.

Students pursuing an American Studies major or minor are allowed and encouraged to make creative use of a large degree of flexibility in their choice of individual courses. Academic coherence within the program is promoted by a carefully designed overall curricular structure, by the requirement 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 105), a total of 33 credits in American Studies must be completed with a grade point average of at least 2.0 in order to fulfill the major requirements. These credits must include at least three introductory courses, one methods course, six electives, and the American Studies Senior Project Seminar. In accordance with College regulations, at least four of the courses taken within the major must be at or above the 300 level. In addition, it should be understood that 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 (of three) introductory course, the methods course, and three (of six) electives in the chosen field.

Introductory Courses

Any three of the following:

- EN204 Introduction to American Literature
- 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
- WS115 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 *concentration* approved by the faculty advisor:

- | | |
|---|---|
| AD370 Advertising in America | ED112 Foundations and Issues in Education |
| AN210 Contemporary Native America | ED260 Childhood and Adolescent Literature |
| AN221 Prehistoric Indians of North America | EN110 American Mosaic: Multicultural Literature in U.S. |
| AN331 Violence and Aggression | EN342 19th Century American Novel |
| AN350 Prehistory of New England | EN343 American Short Story |
| AS103 Fielder's Choice: American Culture and Baseball | EN344 American Poetry to 1900 |
| AS301 Place, Community, and American Culture | EN351 20th Century American Poetry |

EN352	20th Century American Fiction	HS371	20th Century U.S. Foreign Policy
ES210	Evolution of Environmental Thought	MC281	Understanding Film
FA285	Modern Art	MC341	Media and Culture
HS111	Protest in America	MC382	Women in Media Representation
HS112	Boomers to Yuppies: American Society Since 1945	MK314	Consumer Behavior
HS201, 202, 203, 204	U.S. History Surveys (a course or courses not taken to satisfy the introductory requirements)	MU212	Jazz History
HS313	U.S. Labor History	MU213	Popular Musical Culture Since Bill Haley
HS314	Alien Nation: The History of American Immigration & Ethnicity	PO312	American Political Thought
HS319	History of New England	PO351	American Presidency
HS320	African-American History	PO352	Constitutional Law I
HS323	Topics in American Cultural and Intellectual History	PO353	Constitutional Law II
HS341	American Women's History	WS115	Introduction to Women's Studies
HS370	US Foreign Relations to 1914	RE302	Religion Facing Social Change
		SO205	Race and Ethnic Relations
		SO220	The Family
		SO315	Contemporary Social Movements
		SO320	U.S. Social Policy
		SO421	Poverty and Wealth
		TH343	Modern American Drama

Minor Requirements

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

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

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

Honors

Honors in American Studies will be granted to students whose grade point average at graduation is at least 3.33 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 42-credit Individual and Community Integrated Curriculum. The normal course load is 15–16 credits per semester. Transfer students should refer to residency requirement section of catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

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

Spring Semester

IC106	College Writing II
AS____	100-Level Elective
_____	Laboratory Science II
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
AS____	Introductory Course
_____	Elective
_____	Elective

Spring Semester

IC260	Twentieth Century Mathematics Requirement
AS____	Introductory Course
AS____	Introductory Course
IC204	Portfolio Assessment
_____	Elective

Junior Year

Fall Semester

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

Spring Semester

IC306	Science of Society II
IC360	Reason and Romanticism*
AS__	Elective
AS__	Elective
_____	Elective

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
AS401	Senior Project Seminar
AS__	Elective
_____	Elective
_____	Elective

Spring Semester

AS__	Elective
_____	Elective
_____	Elective
_____	Elective
_____	Elective

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

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.

Anthropology (AN)

PROFESSOR: Debra S. Picchi

ASSISTANT 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 Anthro-

pology 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 105 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 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 Cultural/Archaeological field experience from another college.

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

100-200 Level Courses

Cultural Anthropology Courses

- AN 116 Non-Western Cultures
- AN 225 Women and Culture
- AN 216 Human Sexuality
- AN 211 International Business Cultures

Applied Anthropology Courses

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

Archaeology Courses

- AN 217 Archaeology of the Unknown
- AN 252 World Archaeology
- AN 221 North American Archaeology

300-400 Level Courses

Cultural Anthropology Courses

- AN331 Violence and Agression
- AN317 Global Problems
- AN434 The Environment and Anthropology

Applied Anthropology Courses

- AN410 Feminist Theory
- AN340 Anthropology of Tourism
- AN320 The Archaeology of Gender

Archaeology Courses

- AN350 The Archaeology of New England
- AN311 Museum Studies
- AN435 Behavior and the Biological Human

Honors and High Honors candidates are also required to take:

- AN490 Senior Thesis in Anthropology

Concentrations within the Major

Note: The following concentrations are recommendations.

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

Cultural Anthropology Concentration

100-200 level courses

AN116	Non-Western Cultures
AN216	Human Sexuality
AN225	Women and Culture

300-400 level courses

AN331	Violence and Aggression
AN317	Global Problems
AN434	The Environment and Anthropology

Applied Anthropology Concentration

100-200 level courses

AN105	Culture Through Film
AN230	Celtic Europe
AN210	Contemporary Native America

300-400 level courses

AN410	Feminist Theory
AN340	Anthropology of Tourism
AN320	Archaeology of Gender

Archaeology Concentration

100-200 level courses

AN217	Archaeology of the Unknown
AN252	World Archaeology
AN221	North American Archaeology

300-400 level courses

AN350	The Archaeology of New England
AN311	Museum Studies
AN435	Behavior and the Biological Human

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 AN 101 or AN 113 and at least one course at the 300 level or above.

Required for Graduation:

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
BI101	Biology I
IC101	Individual & Community
AN101	or AN113 Introductory Course
_____	Elective

Spring Semester

IC106	College Writing II
AN102	Human Origins
AN201	Applied Anthropology
AN____	Anthro. Elective 1 (100-200 level)
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
AN101	or AN113 Introductory Course
AN218	or AN219 Methodology Req.
AN____	Anthro. Elective 2 (100-200 level)

Spring Semester

IC260	Twentieth Century
_____	Math Requirement
IC204	Portfolio Assessment Seminar
AN____	Anthro. Elective 3 (100-200 level)
_____	Elective
_____	Elective

Junior Year

Fall Semester

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

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
AN482	Anthropology Theory & Ethics**
AN ____	Anthro. Elective 5 (300-400 level)
_____	Elective
_____	Elective

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

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
AN___	Anthro. Elective 6 (300-400 level)
AN400	Readings in Anthropology
_____	Elective
_____	Elective

Spring Semester

AN482	Anthropology Theory & Ethics* <i>or</i>
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 spring in even 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**
This course is an introductory level course that examines wide-ranging cultures through the medium of ethnographic film. Through the use of ethnographic film, students will be able to visualize issues that correlate directly to the discipline of anthropology: culture, ecology, 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.

AN116 Non-Western Cultures **3 credits**
Studies peoples from non-industrial cultures: their sexual mores, non-violent solutions to conflict, and the changes affecting their cultures.

AN201 Applied Anthropology **3 credits**
This course is an introduction to the field of applied anthropology which is characterized by problem-oriented research among the world's contemporary populations. Students will participate in a semester-long experiential field work project as well as analyze readings and case studies.

AN210 Contemporary Native America **3 credits**
This course covers the history of Native America beginning with a brief review of archaeological evidence and culminating with present day issues of concern to Native Peoples. We will discuss issues such as spirituality, social issues, government relations, Native art, and education.

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

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

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

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

AN219 Qualitative Research Methods

3 credits

This course is an introduction to the theoretical foundations and techniques of the qualitative research tradition in the social sciences. It is designed to give students a general background in procedures that include participant observation, life history analysis, intensive interviewing, note-taking, and audio and visual recording. Extensive writing course. *Prerequisite: AN 101 or SO101.*

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: AN101 or permission of instructor.*

AN225/WS 225 Women and Culture

3 credits

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

AN230 Celtic Europe

3 credits

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

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 Archaeology of Gender**3 credits**

This course is a comprehensive feminist theoretical synthesis of the history of archaeological research on gender. Students examine the roles of women and men in such areas as human origins, the sexual division of labor, kinship and other social formations, state development, and ideology. *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.

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.*

AN317 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.

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.*

AN340 The Anthropology of Tourism**3 credits**

This course will concentrate on two fields of anthropological inquiry: cultural and applied studies. It will serve as an introduction to a specific area of anthropology, that of tourism, which has become the mainstay of cultural exchange among the general public.

Prerequisite: AN101, AN201, or permission of instructor.

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.*

AN410 Feminist Theory/ WS 410**3 credits**

This course charts the various contributions of anthropologists, feminist theorists, and others toward a rethinking of the aims and methods of feminist anthropology. We will focus on major areas of innovation including post-structural and post-colonial theories. *Prerequisite: AN101, WS115, or permission of instructor.*

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

In this course we will draw 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: Anthropology or European History major 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**

This course will examine 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.*

AN434 The Environment and Anthropology **3 credits**
Considers the interactional relationship between culture and the environment. Analysis will focus on how people view their environment. *Prerequisite: AN101 or BI101.*

AN435 Behavior and the Biological Human **3 credits**
Investigates and categorizes the kinds of human interactions. The relative influences of biology and culture on aspects of social behavior. *Prerequisite: AN101 or SO101 or BI101.*

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.*

AN299, 399, 499 Independent Study in Anthropology **3 credits each**
Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course. *Prerequisite: 3.0 cumulative grade point average.*

Art – Arts Management (AM)

ASSISTANT PROFESSORS: Kelly Kilcrease, Jason Little

AFFILIATED FACULTY: Richard Block (Graphic Communications), 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)

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 105) 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 49) 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.

ET101	Principles of Economics I	AM491	Arts Management Thesis or Business Plan (<i>prerequisite</i> MN371)
MN201	Principles of Management		
MK201	Principles of Marketing		
AM201	Principles of Arts Management		Choose one of the following:
BA213	Business Law I	MN371	Small Business Management <i>or</i>
AM301	Arts Management Seminar	MN314	Human Resource Management <i>or</i>
FM224	Principles of Financial Management	AN311	Museology <i>or</i>
AM390	Internship in Arts Management <i>or</i>	MK350	Electronic Commerce

An Honors candidate for any major in the Business Program must have a 3.0 overall GPA and a 3.25 GPA with no grade lower than a C- (cannot be repeated for credit), in all major courses. A candidate for High Honors will meet all requirements for honors, but will have a 3.5 GPA for all those courses specified for the major. Candidates for Honors/High Honors must have completed and defended a thesis in their major area. The Divisional Faculty may consider internships, senior independent projects, and business plans of superior quality.

Required for Graduation

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

Arts Management Concentration in Art History

Two 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 *or*
- 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
and either:
- FA102 Three-Dimensional Design *or*
- FA201 Drawing I *or*
- FA211 Creative Photography I

At least one Graphic Communications elective:

- GC452 Graphic Production II
- GC367 Commercial Photography
- GC341 Illustration
- GC227 Calligraphy
- GC371 Computer Graphic Design I
- GC472 Computer Graphic Design II

Four Graphic Communications courses:

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

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 Management Focus Area (9 credits):

- MC222 Organizational Communication
- MC321 Media Policy and Economics
- MC422 Media Management

Media Studies Focus Area (9 credits):

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

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

TH272 Theatre History Survey

TH211 Techniques of Acting I

TH111 Stagecraft I *or*

TH112 Stagecraft II

One Dramatic Literature course from the following:

EN310 Shakespeare Comedies & 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

TH 180 Public Speaking

CS101 Introduction to Computers or
other Computer Elective

BA213 Business Law I

MT260 Statistics

AD 304 Advertising

AD370 Advertising in America: A Cultural
and Historical Perspective

AM299, 399, 499 Independent Study
in Arts Management

IB211 International Business Cultures
Courses from other Arts
Management Concentrations

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105 College Writing I

_____ Laboratory Science I

IC101 Individual and Community

BA100 Introduction to Business

_____ Elective

Spring Semester

IC106 College Writing II

_____ Laboratory Science II

ET101 Principles of Economics I

_____ Elective

_____ Elective

Sophomore Year

Fall Semester

IC210 American Experience

IC205 Experiencing the Arts

MK201 Principles of Marketing

AM201 Principles of Arts Management

MN201 Principles of Management

Spring Semester

IC260 Twentieth Century

_____ Mathematics Requirement

IC204 Portfolio Assessment Seminar

_____ Elective

_____ Elective

_____ Elective

Junior Year

Fall Semester

IC305 Science of Society I

IC310 Ancient & Medieval Worlds*

FM224 Principles of Financial Management

BA213 Business Law I

_____ Elective

Spring Semester

IC306 Science of Society II

IC360 Reason & Romanticism*

MN_____ Elective *or* AN311 Museology

AM301 Arts Management Seminar

_____ Elective

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

Senior Year

Fall Semester

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

Spring Semester

- IC410 Senior Liberal Arts Seminar
- _____ Elective
- _____ Elective
- _____ Elective
- _____ Elective

*or AM491 Arts Management Thesis or Business Plan (*Prerequisite: MN371*)

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, staffing, marketing, fund-raising, financial management, planning and evaluation. The course also addresses major trends taking place in the field and career opportunities. *Prerequisite: MN 201 - Strongly recommended*

Fall

AM301 Arts Management Seminar 3 credits

This course examines problems and issues that face arts administrators of theatres, music organizations, art centers, dance groups and other arts organizations. 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 may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and the Division Chair. Internships require a minimum of 165 hours of on-the-job work. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites: AC101, AM 201, BA100, BA258, ET101, MK 201, junior class standing, a CGPA of at least 2.0 and permission of Division Chair.*

AM491 Arts Management Thesis 3 credits

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

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

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected

and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers 299, 399, or 499 depending on the level of the course.

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

These one-credit courses are 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 five 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)

PROFESSORS: William P. Jenisch, David MacAllister
ASSOCIATE PROFESSOR: Loretann Devlin-Gascard
LECTURERS: Katherine Coker-Cronin, Jordana D. Korsen,
Louise Melton, Coni Porter, Susan Silverman, Elsa Voelcker, Cheryl Wolf

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 90).

Required courses:

(In addition to the Individual and Community Curriculum, page 105)

FA101	Two-Dimensional Design	FA 201	Drawing I
FA102	Three-Dimensional Design	FA 302	Drawing II

Two 100-level courses are required:

FA180	Foundations of Art (<i>Fall only</i>)	FA 183	History of Art (<i>Spring only</i>)
-------	---	--------	---------------------------------------

One 200-level period course is required:

FA281	Oriental Art	FA 283	Greek and Roman Art
FA286	19th and 20th Century Art		(<i>Only offered in Spring semester</i>)

One 300-level Art History course is required:

FA380	History and Techniques of Art Criticism (<i>Only offered in Fall semester</i>)
-------	--

Nine art studio courses from the following:

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

- 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 (*Fall only*)

FA183 History of Art (*Spring only*)

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

FA281 Oriental Art

FA283 Greek and Roman Art

FA286 19th and 20th Century Art

(*offered in rotation - Spring only*)

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

FA380 History and Techniques of Art Criticism (*Fall only*)

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

Three required courses:

FA101 Two-Dimensional Design

FA180 Foundations of Art or

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 a 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

FA101 Two-Dimensional Design

_____ 300-level Studio Elective

FA102 Three-Dimensional Design

_____ 300-level Studio Elective

FA201 Drawing I

_____ 300-level Studio Elective

FA302 Drawing II

_____ Level IV in drawing, painting,
or ceramics

FA211 Creative Photography I

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

Required for Graduation:

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

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

Spring Semester

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

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
FA302	Drawing II
FA_____	Art Elective
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Math Requirement
IC204	Portfolio Assessment Seminar
FA28_	Art Period Course
FA_____	Art Elective
_____	Elective

Junior Year

Fall Semester

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

Spring Semester

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

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
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

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

FA183 History of Art 3 credits

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

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

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 work 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 sty-

listic 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 in relation to one another and independently.

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

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

FA343–344 Stained Glass III and IV

3 credits each

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

FA353–354 Glassblowing III and IV

3 credits each

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

FA380 History and Techniques of Art Criticism

3 credits

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

Fall

FA299, 399, 499 Independent Study in Art

2–6 credits each

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

Biology (BI)

PROFESSORS: Richard L. Burns, Harry G. Davis, Paul M. Kotila,

Linda A. Malmgren, William C. Preston

ASSISTANT PROFESSOR: Rhine Singleton

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

Students who intend to teach Biology in high school should refer to page 66 for information on the secondary teacher certification program.

Students interested in pre-health programs (Medicine, Dentistry, Physical Therapy, Veterinary Medicine) please refer also 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 105), a minimum of 48 credits (Bachelor of Arts) or 56 credits (Bachelor of Science) in the major must be completed successfully, with a grade point average of at least 2.00.

Bachelor of Arts

BI211 Genetics
BI212 Cellular Biology *or*
BI325 Microbiology
BI218 Ecology
BI480 Biology Seminar
BI481 Senior Thesis *or*
BI460 Internship in Biology

Bachelor of Science

BI211 Genetics
BI212 Cellular Biology *or*
BI325 Microbiology
BI218 Ecology
BI480 Biology Seminar
BI481 Senior Thesis

Bachelor of Arts, cont'd

CH101-102 General Chemistry I & II
CH211 Organic Chemistry I
Two semesters of Mathematics
Four Biology electives, including at least one from each group.

Biology Electives

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

Ecology and Systematics

BI221 Entomology
BI223 Local Flora*
BI225 Ornithology*
BI250 Introduction to Plant Biology
BI312 Vertebrate Zoology
BI318 Invertebrate Zoology
BI324 Biology of Algae
BI326 Parasitology
BI365 Limnology

*offered in summer sessions only

Bachelor of Science, cont'd

CH101-102 General Chemistry I & II
CH211-212 Organic Chemistry I & II
MT151-152 Algebra & Trig. I & II or
MT221-222 Calculus I & II
PH101-102 Physics I & II
Three Biology electives, including at least one from each group.

Anatomy and Physiology

BI212 Cellular Biology
BI260 Human Anatomy and Physiology
BI325 Microbiology
BI351 Endocrinology
BI355 Ecophysiology

Minor in Biology

Requirements:

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

Required for Graduation:

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

Recommended Curriculum Guide – Bachelor of Arts

Freshman Year

Fall Semester

IC105 College Writing I
BI101 Biology I
IC101 Individual and Community
C 101 General Chemistry I
MT___ Mathematics Requirement

Spring Semester

IC106 College Writing II
BI102 Biology II
CH102 General Chemistry II
_____ Elective
MT___ Mathematics Requirement

Sophomore Year

Fall Semester

IC210 American Experience
IC205 Experiencing the Arts
BI218 Ecology
CH211 Organic Chemistry I

Spring Semester

IC260 Twentieth Century
BI211 Genetics
BI___ Biology Elective
BI___ Biology Elective
IC204 Portfolio Assessment Seminar

Junior Year

Fall Semester

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

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
_____	Elective
BI212	Cellular Biology <i>or</i>
BI325	Microbiology
BI480	Biology Seminar

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
BI__	Biology Elective
_____	Elective
_____	Elective
_____	Elective

Spring Semester

BI481	Senior Thesis <i>or</i>
BI460-462	Internship in Biology
_____	Elective
_____	Elective
_____	Elective
_____	Elective

Recommended Curriculum Guide – Bachelor of Science

Freshman Year

Fall Semester

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

Spring Semester

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

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
BI218	Ecology
CH211	Organic Chemistry I

Spring Semester

IC260	Twentieth Century
BI__	Biology Elective
BI211	Genetics
CH212	Organic Chemistry II
IC204	Portfolio Assessment Seminar

Junior Year

Fall Semester

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

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
BI480	Biology Seminar
PH102	Physics II
BI212	Cellular Biology <i>or</i>
BI325	Microbiology

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
BI__	Biology Elective
_____	Elective
_____	Elective
_____	Elective

Spring Semester

BI481	Senior Thesis
_____	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

BI217 Tropical Forest Ecology

4 credits

This course will introduce the fundamental characteristics of the rainforest and adjacent ecosystems. Students will learn, through direct observation, lectures, seminars, field exercises and interpretation, about the physical and biological forces that shape the tropical forest and its plant and animal inhabitants. The course begins with a series of seminars in the fall semester on campus, followed by an extended field trip to Costa Rica during the winter break.

Prerequisites: BI101 and BI102.

Fall-January

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

BI221 Entomology (laboratory)

4 credits

Insect morphology, physiology, and behavior. Special topics include pest management strategies, medically important arthropods, and pesticide use and resistance. An accurately identified and properly curated student collection is required. *Prerequisite: BI102.*

Fall, alternate years

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

BI225 Ornithology

3 credits

Structural, functional, and behavioral adaptations of birds. Frequent field trips to identify local birds and to observe nesting activities. *Prerequisite: BI102.*

Summer

BI231 Animal Behavior

3 credits

The integration of traditional ethology and comparative psychology by using the major biological paradigm of evolution. Readings and lectures discriminate the levels of behavioral analysis, from physiological to ecological, and the method of investigation used at each level.

Spring, alternate years

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. *Prerequisite: BI102.*

Fall, alternate years

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.*

Fall, 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

BI318 Invertebrate Zoology (laboratory)**4 credits**

The invertebrates, with consideration of classification, diversity, natural history, and functional morphology. Field collections and study of marine, freshwater, and terrestrial invertebrates. *Prerequisite: BI102.*

Spring, alternate years

BI324 Biology of Algae (laboratory)**4 credits**

Evolution, taxonomy and morphology of the major groups of freshwater and marine algae. Emphasis on the distribution and function of algae in the environment. *Prerequisite: BI102.*

Fall, alternate 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

BI342 Conservation Biology**3 credits**

A course on the problems of protecting and maintaining biological resources, including endangered species and ecosystems. Application of ecological concepts to maintenance and management of individual species and biodiversity will be emphasized. Ethical, legal and social aspects of these problems will be discussed. *Prerequisites: BI102; ES101 or BI218.*

Fall

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

This course will introduce students to some of the different evolutionary adaptations that allow animals and plants to function in their natural environments. It will examine physiological diversity across taxonomic groups, as well as a range of environments. *Prerequisite: BI102.*

Fall, alternate years

BI365 Limnology (laboratory) 4 credits

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

Fall, alternate years

BI/AN420 Evolution Seminar 1 credit

This course will examine 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.*

BI430 Forest Ecology (laboratory) 4 credits

This course examines the basic ecological processes that influence forest type and forest structure. Topics covered range from broad scale landscape patterns of natural and human disturbance to the specific habitat requirements of individual plant species. The lab section consists of weekly field trips to forests both on and off the FPC campus, and we will emphasize quantitative techniques for the collection and interpretation of field data, as well as basic natural history. *Prerequisites: 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 B.S. Biology majors. *Prerequisites: senior standing, permission of instructor and BI480.*

BI299, 399, 499 Independent Study in Biology 2-6 credits each

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed

area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Business Program

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

ASSOCIATE PROFESSOR: Bryan O'Neil

ASSISTANT PROFESSORS: Kelly Kilcrease, Jason Little

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

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

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

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

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

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

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

Accounting – page 18, Advertising – page 21, Economic Theory – page 62, Financial Management – page 86, International Business – page 115, Management – page 115, Marketing – page 118 and Sports and Leisure Management – page 161.

Division Core Requirements

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

AC101	Principles of Accounting I	BA258	Legal and Social Environment of Business
BA100	Introduction to Business		
ET101	Principles of Economics I	IB364	The Global Economy
FM224	Principles of Financial Management	MT260	Statistics
		BA471	Senior Business Seminar

** Each student must also complete a thesis (4 credits), an internship (3 credits), or a business plan (4 credits) (prerequisite: MN371)*

Divisional Honors

An Honors candidate for any major in the Business Program must have a 3.0 overall grade point average and a 3.25 grade point average, with no grade lower than a C- (cannot be repeated for credit), in all major courses. A candidate for High Honors will meet all requirements for Honors, but will have a 3.5 or higher grade point average for those courses specified for the major. Candidates for Honors/High Honors must have completed and defended a thesis in their major area. The Divisional Faculty may consider internships, senior independent projects, and business plans of superior quality.

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

The course gives students insight into business activities and tools.

BA210 Business Executive Conferences

2 credits

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

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

This course emphasizes the law as it affects international business transactions whether in the area of trade, licensing, or investment. Particular emphasis focuses on comparison of laws of different countries. The cultural, political, and economic forces which impact management decision-making for the business-person are examined. *Prerequisite: BA213.*

BA258 The Legal and Social Environment of Business

3 credits

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

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

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

BA374 Research Methods in Business Administration**3 credits**

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

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**

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for BA390. The granting of more than 3 credits for one internship will be a rare occurrence. *Prerequisite: BA390.*

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

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

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

Same as BA410. Allows 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**

These one-credit courses are 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 five 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.*

CH221 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

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

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 Science (CS)

PROFESSOR: Sudarshan Erramilli

ASSISTANT PROFESSOR: Gary A. Heald

LECTURER: Richard Mitchell

A Bachelor of Science degree is offered in Computer Science.

A major is offered in Computer Science. Minors *are* offered in Computer Science and Computer Information Systems.

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

Honors

Departmental Honors in Computer Science are awarded 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 (page 105), a total of 45 credits in the major must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements. These courses include 6 specified computer science and 2 specified mathematics courses, as well as 6 computer science courses chosen from a bank of Computer Science electives, and one mathematics (MT) elective.

Specified CS Courses:

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

Specified Math Courses:

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

CS Electives: (6 must be chosen, with no more than 2 at the 200-level)

CS220	Programming for Windows	CS354	Data Communications
CS/IT 232	Introduction to Script Languages	CS370	Programming Languages
CS/IT234	World Wide Web Structure and Design	CS375	Algorithms & Computation Theory
CS262	Object-Oriented Programming	CS/IT380	Computer Networking I
CS299, 399, 499	Independent Study	CS/IT385	Systems Administration and Security
CS301	Cyber Ethics and Law	CS390	Internship in Computer Science
CS320	Software Design	CS391	Internet Technologies
CS343	Data Base Management Systems	CS423	Systems Analysis and Design
		CS462	Artificial Intelligence
		CS480	Computer Networking II

Required for Graduation:

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

Minor in Computer Science

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

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

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

Minor in Computer Information Systems

Many students possess an interest in computer courses which have a specific application to areas of business, science, etc. The minor in computer information systems allows them to take the more applications-oriented Computer Science courses to fulfill the minor requirement.

The minor in Computer Information Systems (CIS) requires the completion of:

CS130	Filing and Data Applications	CS211	Introduction to Programming
CS140	Electronic Spreadsheets		

And any three of the following:

CS343	Data Base Management Systems	CS390	Internship in Computer Science
CS354	Data Communications	CS399, 499	Independent Study
CS423	Systems Analysis and Design	CS/IT 380	Computer Networking I

Recommended Curriculum Guide

Freshman Year

Fall Semester

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

Spring Semester

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

Sophomore Year

Fall Semester

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

Spring Semester

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

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
CS_____	Elective
CS_____	Elective
_____	Elective

Spring Semester

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

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

Senior Year

Fall Semester

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

Spring Semester

CS474	Senior CSSeminar
CS360	Architecture & Operating Systems
_____	Elective
_____	Elective
_____	Elective

Computer Science Curriculum

CS101 Introduction to Computers

3 credits

The fundamentals of hardware, software, and application skills: word processing, spreadsheet,

database management, communication, including Internet and Worldwide Web, technological trends, and related social issues.

CS130 Filing and Data Applications

3 credits

The study of terms and terminology of relational databases as they pertain to today's popular software packages. A database software package will be used to illustrate setting up database layout, reports, queries, screen layout and various other functions. *Prerequisite: CS101 or permission of instructor.*

CS140 Electronic Spreadsheets

3 credits

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

CS211 Introduction to Programming

3 credits

Programming is at the heart of the discipline of computer science. Programming means the construction of a logical sequence of steps in a strict framework to get the computer to complete a task. Central here are the understanding of programming language rules, and the ability to be logical and goal-oriented. No previous knowledge of programming is assumed. *Prerequisite: CS101 or permission of instructor. Note: A grade of C+ or higher in CS211 is required before taking further Computer Science courses.*

CS220 Programming for Windows Applications

3 credits

Explores the concepts of object-oriented/event-oriented applications and the basic techniques needed for Windows programming using Visual Basic or another appropriate language. *Prerequisite: CS211.*

CS/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

CS/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: CS/ES222*

CS/IT232 Introduction to Script Languages

3 credits

This course is an introductory level course in the use of scripting languages as applied to the context of the World Wide Web. While there are a variety of scripting languages available, JavaScript will form the foundation of this course as a result of its prevalence in the world of information technology. 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. *Prerequisites: CS211, MT211*

CS/IT234 World Wide Web Structure and Design

3 credits

This course will examine 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 cover the Hypertext Markup Language (HTML), the language used for creating web pages, and more recent developments in web page interactivity, including JavaScript. Other topics include web site management, firewalls, and internet security. *Prerequisite: CS232*

Spring, odd years

CS244 Fundamentals of Computing I**3 credits**

This is a programming course. By analyzing, writing, revising, and executing a number of programs, students will learn the syntax and structure of the “C” language up through arrays and records. They will learn algorithm development and structured programming skills that are applicable to programming in any high-level language. *Prerequisite: CS211 or permission of instructor.*

CS245 Fundamentals of Computing II**3 credits**

This is an advanced programming course building on the foundation of CS244. It will explore sophisticated data structures like lists, stacks, queues, and trees, among others. Students may also be introduced to the principles of object-oriented programming and an appropriate language. *Prerequisite: CS244 or permission of instructor.*

CS262 Object-Oriented Programming**3 credits**

This course concentrates on object-oriented program specification and design in “C++” or “Java”. Some of the topics discussed are the related combinations of data abstraction, operators and functions, inheritance, construction, access control, and overloading. *Prerequisite: CS245 or permission of instructor.*

CS/IT/BA301 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*

CS310 Computer Organization**3 credits**

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

CS320 Software Design**3 credits**

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

CS343 Data Base Management Systems**3 credits**

The course presents database management systems with emphasis both on theory and practice. Along with a comprehensive coverage of database concepts and design, the database system is presented as a critical part of the larger information system. The students apply these aspects to the design and implementation of a real-world database application. The practical component of the course involves learning a database environment, such as MS Access and SQL. *Prerequisites: CS 211 and MT211.*

CS354 Data Communications**3 credits**

Data communications is an essential component of all modern computer systems; it encompasses the previously separate areas of video, telecommunications, and computer networking. This course explores the many facets of communication, from telephone switching to optical fiber to satellite transmission. Topics covered include physical and electrical standards, protocols and characteristics, circuit and packet switching, frame relay, and routing. ATM and TCP/IP are covered, as is networking design and implementation. *Prerequisites: CS 211 and MT211.*

CS360 Architecture & Operating Systems**3 credits**

This course explores batch systems, time sharing systems, and real-time systems. Topics studied include scheduling, memory management, processor/process management, file management, and device management. Issues such as multi-processing, mutual exclusion, synchronization, protection, and deadlocks are also discussed. Also studied is the application of these principles to several modern operating systems. *Prerequisite: CS 310 or permission of instructor.*

CS370 Programming Languages**3 credits**

The primary function of a programming language is to let the user communicate with the computer via a common interface. There are many programming languages, and in this course we will investigate the principles behind all of them. All languages, for example, must deal with data structures, flow of control, syntax, variable control, conditionals, and iteration. More sophisticated languages deal with high-level structure, subprograms, parameters, and recursion. These common issues are the subject of this course. *Prerequisite: CS 245.*

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

Formal models of computation, and the elements of formal languages will be studied. These models will be used for a mathematical study of computability. The design and analysis of algorithms, particularly those for handling complex data structures, and non-numeric processes will be studied. Algorithm design and verification techniques are also discussed. *Prerequisites: CS 245 and MT212.*

CS/IT380 Computer Networking I**3 credits**

This is an introductory course in computer networking which provides an overview of major networking topics including 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: CS232*

CS/IT385 Systems Administration and Security**3 credits**

This course will cover 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: CS380*

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

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

CS/IT391 Internet Technologies**3 credits**

This course will cover the history, advances, and potential uses of the Internet. Major topics covered will include infrastructure design, topology, intranets, Virtual Private Networks, multimedia, encryption, Web and Proxy servers, traffic analysis, firewalls and routers. Additional topics covered will be: security, available troubleshooting tools and techniques, and standard protocols. *Prerequisite: CS380*

CS423 Systems Analysis and Design**3 credits**

The subject is the complex, multifaceted organizational process that business, systems, and information professionals use to develop and maintain computer-based systems. Recent devel-

opments in global communications have increased the complexity and excitement in this field. Data collection, software choice and employment, communications specifications, personnel, and social impact are just part of what is to be studied. The course is project-oriented, and students will take on real-life organizations in their pursuit of an understanding of the field.

Prerequisite: CS 343.

CS462 Artificial Intelligence

3 credits

AI attempts to build intelligent entities as well as understand them. This is extremely problematic. As a result, the field has many subfields, many triumphs, and disasters. The course will survey some of the subfields, including search, planning, learning, knowledge representation, computational linguistics, and vision, as well as the triumphs and disasters. The programming language Lisp will be introduced in the course, and the *intelligent agent* will be used as the approach. *Prerequisites:* CS 245 and MT212.

CS474 Senior Computer Science Seminar

3 credits

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

CS/IT480 Computer Networking II

3 credits

This is the second course in computer networking which provides an overview of major internetworking topics including internetworking, IP addressing, Address Resolution Protocol, IP Datagrams 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. This course will provide the foundation for further advanced studies in computer networking. *Prerequisite:* CS380

CS299, 399, 499 Independent Study

2–6 credits each

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

Criminal Justice (CJ)

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

ASSISTANT PROFESSORS: Jefferson Allen, Kelli Ann Costa, Jerome D. Levine

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 105)

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

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

Spring Semester

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

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
SO209	Ethics
SO218	Quantitative Research Methods <i>or</i>
SO219	Qualitative Research Methods
CJ203	Juvenile Justice

Spring Semester

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

Junior Year

Fall Semester

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

Spring Semester

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

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

Senior Year

Fall Semester

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

Spring Semester

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

Criminal Justice Curriculum

CJ101 Introduction to Criminal Justice

3 Credits

An overview of the various facets of the criminal justice system, points of harmony and conflict with society, processing of offenders, punishment and its alternatives, current issues in criminal justice, and the future of the criminal justice system. *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.*

Note: CJ201 must be completed with a grade of C or higher before other CJ courses are taken.

CJ203 Juvenile Justice

3 Credits

This course 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 alternatives, and juvenile corrections, custodial sanctions and parole. *Prerequisite: CJ101.*

SO209 Ethics

3 Credits

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

SO210 Deviance and Social Control

3 Credits

This course focuses on the ways society defines institutional and 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**

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

SO219 Qualitative Research Methods**3 Credits**

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

CJ301 Criminal Investigation and Evidence**3 Credits**

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

PS300 Domestic Violence**3 Credits**

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

SO350 Law and Society**3 Credits**

This course examines social scientific understanding of how law is structured, how law functions as a social institution, and how legal institutions interact with other institutions such as the economy, family, and criminal justice system as well as with issues of race, class, and gender. The course also explores how legal institutions use social scientific knowledge. Additionally, attention is aimed at fostering an appreciation of how legal institutions and their functions vary historically and cross-culturally. *Prerequisite: SO101.*

SO410 Criminology**3 Credits**

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

SO460 Corrections**3 Credits**

An application of sociological theory and research to prisons and community-based correctional programs. Attention is given to both classical and contemporary analyses of such issues

as management, prison violence, subcultures and penal policy. *Prerequisites: 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, CJ301, CJ302.*

CJ495 Criminal Justice Internship **3 Credits**
Field experience in a learning situation affiliated with police, courts, corrections or other criminal justice system related agency. Placement is arranged by a student consultation with the criminal justice faculty advisor. *Prerequisites: senior criminal justice major, and permission of advisor and Chair of the Division of Behavioral Sciences.*

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

Economic Theory (ET)

PROFESSORS: Ed. J. Dennis, Robert F. Wiesenauer

A Minor is offered in Economic Theory.

Minor Requirements (Business majors)

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

- | | | | |
|-------|---|-------|-----------------------------|
| ET102 | Principles of Economics II (prerequisite ET101 with a grade of C- or higher | | |
| ET223 | Money and Banking | ET357 | Economic Development |
| ET323 | Comparative Economic Systems | ET474 | History of Economic Thought |
| ET338 | Urban Economics | | |

Minor Requirements (non-Business majors)

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

- | | | | |
|-------|------------------------------|-------|-----------------------------|
| ET101 | Principles of Economics I | ET338 | Urban Economics |
| ET102 | Principles of Economics II | ET357 | Economic Development |
| ET223 | Money and Banking | ET474 | History of Economic Thought |
| ET323 | Comparative Economic Systems | | |

Economic Theory Curriculum

ET101 Principles of Economics I **3 credits**
Basic terminology and the economic way of thinking, particularly on the macroeconomic scale (the fundamentals of microeconomics will be addressed as well). Economic theory and policymaking at the federal level. *Note: 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**
The economic issues as they are currently evolving: monopoly vs. competition, poverty, and wealth, regulation vs. deregulation, the environmental energy issues, international currency exchange and trade. (Initial focus on microeconomics: consumer demand, business costs and revenues, profits and losses. Microeconomic principles are incorporated in this 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.

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.*

Fall of even years

ET338 Urban Economics**3 credits**

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

Spring of even years

ET357 Economic Development**3 credits**

The lesser-developed economies of Asia, Africa, and South America; the obstacles to economic growth and various strategies to attain growth; the nature of underdevelopment; factor and resource endowment; distribution of income; social and political issues relevant to the less-developed countries. *Prerequisite: ET102.*

Fall of odd years

ET474 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. *Prerequisite: ET102.*

Spring of odd years

Education (ED)

ASSOCIATE PROFESSOR: Alana J. Mosley

ASSISTANT PROFESSORS: Maryann Previti, John Villemare

VISITING PROFESSOR: Chip McGee

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

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

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

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

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 continue in the Education Program from the first semester of the junior year are: (1) formally accepted into an Education Program; (2) no grade lower than C in Education courses; (3) as of July 1, 1999, New Hampshire began requiring students to pass the PRAXIS II exams in their certification area in order to be certified. This testing is required for math, 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 42 states as well as Defense Department Schools around the world. A Northeast Regional Credential is available for those who complete one of the certification programs. Such a credential enhances the mobility of educators in the District of Columbia, Maine, Massachusetts, New Hampshire, New York, Pennsylvania, Rhode Island, and Vermont. Certification in one state, however, does not mean that certification will be automatic in another state. Certification requirements vary by state. Students certified in one state are encouraged to contact the departments of education in other states to identify what additional requirements, if any, they may have.

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

HEA - Title II 1999 -2000 Academic Year Public Disclosure of Pass-Rate Data			
Type of Assessment	Number Taking Assessment	Number Passing Assessment	Institutional Pass Rate
Basic Skills	24	23	96%
Academic Content Areas (Math, English, Biology, and Social Science)	5	NA	NA

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 intro-

ductory level. Appropriate majors may be in the fields of humanities, fine arts, social sciences, mathematics or sciences. An interdisciplinary major in these fields may also be acceptable if it contains no fewer than 10 courses with at least 5 from the same field and the majority of the courses are above the introductory level.

Elementary Education Certification Requirements

Certification in Elementary Education is for the levels Kindergarten through Eighth Grade (K-8). In addition to completing the Individual and Community Integrated Curriculum (page 105) and an appropriate major as outline 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
ED251	Content Area Literacy	ED316	Integration Through Social Studies
ED263	Primary Discovery	ED483	Student Teaching Seminar
		ED490	Student Teaching

Electives

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC101	Individual and Community Laboratory Science I
IC105	College Writing I
ED112	Foundations & Issues in Education
	<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
ED224	Curriculum I
ED255	Field Experience I
ED263	Primary Discovery
	Academic Major Course

Spring Semester

ED231	Primary Literacy
IC260	Twentieth Century
ED256	Field Experience II
ED312	Teaching Students w/ Special Needs
	Academic Major Course
	Academic Major Course

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient and Medieval Worlds*
	<i>or</i>
	math requirement
IC204	Portfolio Assessment
ED314	Challenges in Math and Science
ED251	Content Area Literacy
	Academic Major Course

Spring Semester

IC306	Science of Society II
IC360	Reason and Romanticism*
	<i>or</i>
	math requirement
ED316	Integration Through Social Studies
ED225	Curriculum II
ED257	Field Experience III
	Academic Major Course

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

Senior Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
ED483	Student Teaching Seminar	IC410	Senior Liberal Arts Seminar
ED490	Student Teaching	_____	Academic Major Course
		_____	Academic Major Course
		_____	Academic Major Course
		_____	Academic Major Course

Secondary Education Certification Program

The College offers additional certification programs at the secondary level in biology, English, mathematics and social science. In addition to completing the Individual and Community Integrated Curriculum (page 105), students in this program must complete a major in their field, and the required education courses listed below. For instance, math teachers must major in mathematics. 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
ED251	Content Area Literacy (English Certification only)
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)
ED360	Principles of Secondary School Teaching
ED487	Student Teaching Seminar
ED492	Student Teaching

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 Comp 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 the secondary level. 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 66) 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*

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
or

HS371 Twentieth Century U.S.
Foreign Policy

P0360 American Foreign Policy Process
(With Dept. Permission)

or

P0362 Nuclear Weapons & World Politics
(With Dept. 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

or

ED105 Educational Psychology

_____ Academic Major Course

Spring Semester

IC106 College Writing II

Laboratory Science II

ED112 Foundations and Issues in Education
or

ED105 Educational Psychology

_____ Academic Major Course

Academic Major Course

Sophomore Year

Fall Semester

IC205	Experiencing the Arts
IC210	American Experience
ED224	Curriculum I
ED255	Field Experience I
_____	Academic Major Course
_____	Academic Major Course

Spring Semester

IC204	Portfolio Assessment
IC260	Twentieth Century
ED221	Classroom Organization and Management
_____	math requirement
_____	Academic Major Course
_____	Academic Major Course

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient and Medieval Worlds*
ED251	Content Area Literacy (English Certification only)
_____	Academic Major Course
_____	Academic Major Course
_____	Academic Major Course

Spring Semester

IC306	Science of Society II
IC360	Reason and 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

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
ED360	Principles of Sec. School Teaching
ED257	Field Experience III
_____	Academic Major Course
_____	Academic Major Course
_____	Academic Major Course

Spring Semester

ED487	Student Teaching Seminar
ED492	Student Teaching

Art Education Certification Program

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

Required Education Courses

ED105	Educational Psychology
ED112	Foundations and Issues in Education
ED221	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
ED351	Elementary Art Methods
ED352	Secondary Art Methods
ED487	Student Teaching Seminar
ED492	Student Teaching

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC101	Individual and Community Laboratory Science I
IC105	College Writing I
ED112	Foundations and Issues in Education

Spring Semester

IC106	College Writing II Laboratory Science II
ED112	Foundations and Issues in Education

or

or

ED105	Educational Psychology
_____	Academic Major Course

ED105	Educational Psychology
_____	Academic Major Course
_____	Academic Major Course

Sophomore Year

Fall Semester

IC205	Experiencing the Arts
IC210	American Experience
ED224	Curriculum I
ED255	Field Experience I
_____	Academic Major Course
_____	Academic Major Course

Spring Semester

IC204	Portfolio Assessment
IC260	Twentieth Century
ED221	Classroom Organization and Management
_____	math requirement
_____	Academic Major Course
_____	Academic Major Course

Junior Year

Fall Semester

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

Spring Semester

IC306	Science of Society II
IC360	Reason and Romanticism*
ED312	Teaching Students With Special Needs
_____	Academic Major Course
_____	Academic Major Course
_____	Academic Major Course

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
ED352	Secondary Art Methods
ED257	Field Experience III
_____	Academic Major Course
_____	Academic Major Course
_____	Academic Major Course

Spring Semester

ED487	Student Teaching Seminar
ED492	Student Teaching

Conversion Programs

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

Education Curriculum

ED100 Recorder for the Classroom Teacher **1 credit**

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

ED105 Educational Psychology **3 credits**

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

Fall/Spring

ED112 Foundations and Issues in Education **3 credits**

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

Fall/Spring

ED195 The World of the Public School**1 credit**

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

Pass/Fail . Elective.

January

ED221 Classroom Organization and Management**3 credits**

This is a three-credit course that 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: ED112 and ED105.*

Spring

ED224 Curriculum I**2 credits**

This course will focus on teaching models and theorists, 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: ED112 or ED105.

Fall

ED225 Curriculum II**2 credits**

This course will continue to develop topics introduced in ED224 Curriculum I. Students will also become familiar with management techniques of instruction, time, space, and various types of learners, as well as theories of classroom discipline. *Must be taken concurrently with ED257. Prerequisites: ED224 and either ED231 or ED263.*

Spring

ED231 Primary Literacy**3 Credits**

This course 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. *Prerequisite: ED224.*

Spring

ED251 Content Area Literacy**3 credits**

This course will focus on 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.

Fall.

ED255 Field Experience I**1 credit**

The content and activities of this seminar will include: supervised experiences in teaching students in school settings; observation and implementation of curricula, methods, and materials; scheduled seminars and conferences for discussing and critiquing practicum experiences.

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 will 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 will include: supervised experiences in teaching students in school settings; observation and implementation of curricula, methods, and materials; scheduled seminars and conferences for discussing and critiquing practicum experiences. *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**

Course content will include the language and focus of literary criticism as it applies to child and adolescent literature. Students will be exposed to the works of many authors and illustrators, as well as relevant 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: ED112 or ED105.*

Fall

ED291 The Mariners: Marine Education Sea Apprenticeship**3 credits**

A multi-disciplinary course in maritime history, literature and marine education. Potential teachers will create lesson plans and marine curricula while apprenticing on the schooner *Harvey Gamage* or *Spirit of Massachusetts*.

Summer

ED292 The Nova Scotia Global Voyager**3 credits**

This is a multi-disciplinary course in maritime history, literature and marine education. The schooners *Harvey Gamage* and *Spirit of Massachusetts* serve as the international academic platform for potential teachers to create lesson plans and marine education criteria along the Canadian coast and the Caribbean.

Summer

ED293 The Caribbean Global Voyager**3 credits**

This is a multi-disciplinary course in maritime history, literature and marine education. The schooners *Harvey Gamage* and *Spirit of Massachusetts* serve as the international academic platform for potential teachers to create lesson plans and marine Education criteria in the Caribbean.

Winter Break

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

Students will follow topics from 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

The content of this course will focus on program models, inclusionary techniques, curricula and evaluation for special needs students, including learning disabled, emotionally disturbed, physically disabled, gifted, as well as linguistically and culturally different. *Prerequisites: ED112 and ED105. 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

ED351 Elementary Art Methods

2 credits

This course includes methods, curricula, materials, and classroom management for grades K-8. The course may be taught in a local school, in which case travel will be required. *Prerequisites: junior status and permission of the instructor. Must be taken concurrently with ED256.*

Fall

ED352 Secondary Art Methods

2 credits

This course includes methods, curricula materials, and review of art state guidelines for teaching secondary art students. Numerous art skills will be reviewed including painting, sculpture, drawing, print-making and photography as they relate to teaching in a secondary art classroom. *Prerequisites: Senior status and 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, Mathematics 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 10 half-day observations (30 hours). 15 hours in a middle school and 15 hours in a high school are required.

ED483 Elementary Student Teaching Seminar

1 credit

This seminar is taken concurrently with ED490 Elementary Student Teaching. It is com-

prised 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

This seminar is 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

This is a 16-week sequentially developed program of observation, participation, and classroom teaching in an approved public or private school. Insights into teaching materials and their use, lesson plans, units, and curriculum development are developed during this experience. Eight weeks will be in a K-3 classroom and eight weeks will be in a grade 4-8 classroom. Classroom management and discipline skills are strengthened. Daily travel is required. *Prerequisites:* "Good Standing" in the program, permission of the program director, cumulative GPA of at least 2.5, and passed 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, cumulative GPA of at least 2.5, and passed 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: Marybeth Failla Amodio, Michael Barrett, Tracy Botting, Ed Cottrill, Marge Gallivan, R. Patrick Gates, Read Gildner-Blinn, John Harris, James Heflin, Todd Hyatt, Les Kozaczek, Nancy Lloyd, Leo McCarter, Jr., Ruth Ring, Patricia Scannell, James Sky, Mark Watman

A Bachelor of Arts degree is offered in English.

A major and a minor are offered in English.

Honors in English are granted those whose grade point average at graduation is 3.33 in English courses. High Honors are accorded those who attain a grade point average of at least 3.67 in English.

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

The Department develops the student's ability to write effectively, read intelligently and appreciate the forms of literature. Faculty assign regular outside reading and a considerable amount of writing, in and out of class.

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

The English major prepares students for advanced study in language and literature, careers in writing, teaching, law, advertising, and publishing, and executive training in government and business.

The Writing Center, staffed by members of the English Department and peer tutors, is a resource to which students with composition difficulties may turn for assistance at any time. Students may be required to attend the Writing Center for work on specific writing problems.

Students who intend to teach English in high school should refer to page 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 105), 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--24 credits

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

EN110 American Mosaic	3 credits
EN112 Villains, Vengeance, and Violence	3 credits
EN215 Beyond Britain and America	3 credits
EN216 African Literature	3 credits
EN270 Women Writers	3 credits
EN304 Chaucer	3 credits
EN305 Epic and Romance	3 credits
EN306 The English Renaissance, non-dramatic	3 credits
EN312 Renaissance Drama	3 credits
EN315 Milton	3 credits
EN317 Neo-classical Literature	3 credits
EN318 The Eighteenth Century Novel	3 credits
EN321 English Romanticism	3 credits
EN324 Victorian Prose and Poetry	3 credits
EN326 The Nineteenth Century British Novel	3 credits
EN335 Twentieth Century British and Irish Poetry	3 credits
EN336 Twentieth Century British and Irish Novel	3 credits
EN342 American Novel to 1900	3 credits
EN343 Masters of the American Short Story	3 credits
EN344 American Poetry to 1900	3 credits
EN351 Twentieth Century American Poetry	3 credits
EN352 Twentieth Century American Fiction	3 credits
EN405 Theories of Fiction	3 credits
EN489 Senior Thesis	3 credits
EN491 Senior Internship	2-6 credits
EN492 Senior Seminar	3 credits

Writing Track - 21 credits

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

EN205 Advanced Composition	3 credits
EN220 Creative Writing Workshop.....	3 credits
EN235 Fiction Workshop	3 credits
EN237 Poetry Workshop	3 credits
EN241 Editing & Publishing (Lab)	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
MC273 Writing for the Electronic Media.....	3 credits
MC252 Journalism II	3 credits
MC212 Broadcast Journalism	3 credits
MC352 Feature Newswriting	3 credits

Graduate Studies Track -- 27 credits

EN489 Senior Thesis	3 credits
---------------------------	-----------

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 - 19 credits

EN220 Creative Writing Workshop.....	3 credits
EN241 Editing and Publishing (Lab)	4 credits
Four Electives in Writing	12 credits

EN010 English Comp Exam for Writing Track (original creative work presented to a faculty panel)

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

Recommended English Curriculum Guide

Freshman Year

Fall Semester

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

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
EN204	Intro to American Literature
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

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

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
EN__	English Elective
EN__	Elective
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
EN__	English Elective
EN__	English Elective
_____	Elective
_____	Elective

Spring Semester

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

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
EN010	English Competency Exam
EN__	English Elective
_____	Elective
_____	Elective

Spring Semester

EN492	Senior Seminar
EN__	English Elective
EN__	English Elective
EN__	English Elective
_____	Elective

English Curriculum

Departmental Core

Courses in Literature

EN010 English Competency Oral Exam

Taken in the fall semester of the senior year. 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 oral analysis of a text chosen by the English faculty.

EN110 American Mosaic: Multicultural Literature in the United States

3 credits

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

- EN112 Villains, Vengeance, and Violence** **3 credits**
 This course 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.
- EN203 Introduction to British Literature** **3 credits**
 A survey course that treats major authors and works of English literature from the beginning to the present day. *Prerequisite: IC105 or permission of the instructor.*
- EN204 Introduction to American Literature** **3 credits**
 A survey course that examines the historical development and diversity of American literature. *Prerequisite: IC105 or permission of the instructor.*
- EN210 Introduction to Literary Studies** **3 credits**
 An introduction to major critical concepts from Aristotle to modern feminist theory and their application in describing, analyzing, and classifying works of literature. *Prerequisite: IC105 or permission of the instructor.*
- EN215 Beyond Britain and America: Other Literatures in English** **3 credits**
 Selected literary works originally written in English from Australia, Asia, Africa, Canada, and the Caribbean. *Prerequisite: IC105 or permission of the instructor.*
- EN216 African Literature** **3 credits**
 Fiction, poetry, drama and essays by major African writers considered against the backgrounds of African culture, traditions, and historical imperatives. Selected works by such authors as Achebe, Soyinka, Osundare, Ba, Senghor, Gordimer, Fugard, Neto, and Mahfouz. *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.*
- EN306 The English Renaissance and Its Background** **3 credits**
 Literature from 1400 to 1660, exclusive of drama. The primary texts are Malory’s *Morte D’Arthur* and Spenser’s *Faerie Queen*. *Prerequisites: EN203 and EN210.*
- EN310 Shakespeare: Comedies and Histories** **3 credits**
 A study of the major comedies and histories. *Prerequisites: EN203 and EN210.*
- EN311 Shakespeare: Tragedies and Poems** **3 credits**
 A study of the major tragedies, and poems including the sonnets. *Prerequisites: EN203 and EN210.*
- EN312 Renaissance Drama** **3 credits**
 Shakespeare’s contemporaries in the English theatre including Johnson, Marlowe, and Kyd. *Prerequisites: EN203 and EN210.*
- EN315 Milton** **3 credits**
 A study of *Samson Agonistes*, *Paradise Lost*, and selected prose and verse. *Prerequisites: EN203 and EN210.*

- EN317 Neo-classical Literature** **3 credits**
A study of selected works of Dryden, Pope, Swift, Johnson, and their contemporaries. *Prerequisites: EN203 and EN210.*
- EN318 The Eighteenth Century Novel** **3 credits**
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.*
- 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 **2–6 credits**
A significant learning experience undertaken and arranged in consultation with a major advisor. *Prerequisite: permission of English major advisor.*

EN492 The Senior Seminar **3 credits each**
Required of all English majors. The seminar will be oriented around a particular literary figure or figures, topics, or genres. *Prerequisites: EN203, EN204 and EN210.*

Courses in Creative Writing

EN205 Advanced Composition **3 credits**
Expository writing for students in all fields of study. *Prerequisites: IC105–106.*

EN220 Creative Writing Workshop **3 credits**
An introductory course intended to give the student experience in writing prose and poetry. *Prerequisites: IC105–106.*

EN235 Fiction Workshop **3 credits**
A course in the basic techniques of fiction writing. Readings from major works selected for their relevance. *Prerequisites: IC105–106.*

EN237 Poetry Workshop **3 credits**
A course in the basic techniques of writing poetry. Readings from major works selected for their relevance. *Prerequisites: IC105–106.*

EN241 Editing and Publishing (laboratory) **4 credits**
A workshop in preparing, editing, publishing, and distributing a literary magazine. Students produce and circulate an issue of *Northern New England Review*. *Prerequisites: IC105–106.*

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: IC105–106 and EN210.*

EN417 Advanced Fiction Workshop **3 credits**
This course is intended to advance the skills learned in the elementary course and to add the skills to preparing a manuscript for submission to a publisher. *Prerequisites: IC105–106 and EN235 or permission of instructor.*

EN421 Advanced Poetry Workshop **3 credits**
A course in techniques including poetic forms, meter and free verse. Readings selected for their relevance to writing poetry. *Prerequisites: IC105, IC106 and EN237, or permission of instructor.*

EN299, 399, 499 Independent Study in English **3 credits**
Independent study offers the opportunity to explore an area of study not listed in the catalogue. The topic should be jointly selected and carefully designed by the student and faculty sponsor, and be approved by the Division Chair. With rare exceptions, the student must have a cumulative grade point average of 3.0. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

Environmental Science/Studies (ES)

PROFESSOR: Paul M. Kotila

ASSOCIATE PROFESSOR: Catherine R. Owen

ASSISTANT PROFESSOR: Rhine Singleton

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

A Bachelor of Arts degree is offered in Environmental Science.

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

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

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

The Environmental Science program is teacher certifiable in Secondary School Biology. Students who intend to teach biology in high school should refer to page 66 for information on the Secondary Teacher Certification Program.

Major Core Requirements

In addition to the Individual and Community Curriculum (page 105), courses selected for the major must be completed successfully, with a grade point average of at least 2.00 (see below).

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

Major Electives

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

1. **Descriptive (Field/Taxonomic):** BI221 Entomology, BI223 Local Flora, BI225 Ornithology, BI250 Plant Biology, BI312 Vertebrate Zoology, BI318 Invertebrate Zoology, BI324 Biology of Algae, ES/GL205 Environmental Geology, ES/BI217 Tropical Forest Ecology, ES320 Wetland Ecology, ES/BI430 Forest Ecology, ES/BI365 Limnology
2. **Quantitative/Analytical:** BI355 Ecophysiology, CH312 Quantitative Analysis, ES/BI365 Limnology, ES/CH221 Environmental Chemistry, ES222 Geographical Information Systems (GIS), ES230 Intermediate GIS, ES/BI430 Forest Ecology
3. **Economics/Policy:** ES310 Environmental Impact Assessment, ES/PO344 Environmental Politics, ES/ET348 Environmental Economics, PO205 Contemporary World Affairs, ES/BA265 Law and the Environment

4. **Sociology/Anthropology:** AN221 Prehistoric Indians of North America, AN317 Third World Problems, ES/AN434 Environmental Anthropology, AS301 Place, Community, & American Culture, ES210 Evolution of Environmental Thought, ES/PA306 Philosophy of Science & Nature, S0203 Community Organization, ES340 Sustainable Communities

Area of Emphasis

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

1. Conservation Biology

A. Animals

BI211 Genetics

And 3 of the following:

BI221 Entomology
BI225 Ornithology
BI231 Animal Behavior
BI312 Vertebrate Zoology
BI318 Invertebrate Zoology
BI355 Ecophysiology

B. Plants

BI211 Genetics

And 3 of the following:

BI223 Local Flora
BI250 Intro. to Plant Biology
BI324 Biology of Algae
BI355 Ecophysiology
ES/BI217 Tropical Forest Ecology
ES320 Wetland Ecology
ES/BI430 Forest Ecology

2. Water Resources

ES/BI365 Limnology

And 3 of the following:

BI318 Invertebrate Zoology
BI324 Biology of Algae
CH211 Organic Chemistry I
CH312 Quantitative Analysis
ES/CH221 Env. Chemistry
ES320 Wetland Ecology

3. Geology and Physical Resources

GL101-102 Geology I-II
ES/GL205 Env. Geology

And 2 of the following:

ES220 Intro. to GIS
ES310 Env. Impact Assessment
ES320 Wetland Ecology

4. Environmental Policy

ES/PO344 Env. Politics

And 3 of the following:

ES310 Env. Impact Assessment
ES/ET348 Env. Economics

PO205 Contemp. World Affairs
PO325 Public Policy Process
S0203 Community Organization
ES/BA265 Law and Environment
ES340 Sustainable Communities

5. Parks & Recreation Management

ES210 Evolution of Env. Thought
or

SL290 The Explorers

And all of the following:

SL201 Principles of Sports and
Leisure Management
SL243 Programming in Sports and
Leisure Management
SL346 Parks & Natural Resources
Management

6. Terrestrial Ecology

BI250 Intro. Plant Biology
ES/GL205 Env. Geology

And 2 of the following:

BI221 Entomology
BI223 Local Flora
BI225 Ornithology
BI312 Vertebrate Zoology
ES/BI217 Tropical Forest Ecology
ES320 Wetland Ecology
ES/BI430 Forest Ecology

7. Environmental Education

2 of the following:

ED105 Educational Psychology
ED224 Curriculum II
ED263 Primary Discovery
ED314 Challenges in Math and Science

And 1 of the following:

AS301 Place, Community and
American Culture
ED291 The Mariners
ED292 The Global Voyager
ES210 Evolution of Env. Thought
ED290 The Explorers
ES201 Outdoor Environmental
Education

And 1 of the following:

BI221 Entomology
 BI223 Local Flora
 BI225 Ornithology
 BI231 Animal Behavior
 BI250 Intro. to Plant Biology
 BI312 Vertebrate Zoology
 ES/BI217 Tropical Forest Ecology
 ES320 Wetland Ecology

8. Environmental Ethics

PA 209 Ethics
 ES210 Evolution of Env. Thought
 ES/PA 306 Philosophy of Science and Nature

And 1 of the following:

PA 214 Modern Philosophy
 RE 206 Eastern Religions

9. Human Ecology

AN 434 Environmental Anthropology
 BI235 Human Health & Nutrition

And 2 of the following:

AN 221 Prehistoric Indians of North America
 AN 317 Third World Problems
 AS 301 Place, Community and American Culture
 ES210 Evolution of Env. Thought
 ES340 Sustainable Communities
 ES/PA 306 Philosophy of Science and Nature

10. Geographic Information Systems

ES220 Introduction to GIS
 ES230 Intermediate GIS
 ES310 Env. Impact Assessment
 ES320 Wetland Ecology

11. Environmental Chemistry

CH221 Environmental Chemistry

And 3 of the following:

CH211, 212 Organic Chemistry I, II
 CH312 Quantitative Analysis
 CH321 Biochemistry

Minor in Environmental Studies

The minor in Environmental Studies is intended to provide students not majoring in Environmental Science or Anthropology with an interdisciplinary concentration that emphasizes the many interactions between humans and the local and global environments. It is designed to build understanding of these relationships by examining areas of anthropology, biology, conservation, and environmental science.

The minor requires completion of seven courses listed below.

ES101 Environmental Science	BI102 Biology II
ES210 Evolution of Environmental Thought	BI342 Conservation Biology
	AN102 Human Origins

One of the following:

BI217 Tropical Forest Ecology	ES320 Wetland Ecology
BI225 Ornithology	BI430 Forest Ecology
GL205 Environmental Geology	

One of the following:

BA265 Law and the Environment	PO344 Environmental Politics
ES310 Environmental Impact Assessment	

Required for Graduation:

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

Recommended Curriculum Guide for Environmental Science

Note: Physics I-II, Calculus I-II, and Organic Chemistry I-II are also recommended for students considering graduate study in the natural sciences.

Freshman Year*Fall Semester*

IC105 College Writing I
 BI101 Biology I

Spring Semester

IC106 College Writing II
 BI102 Biology II

IC101 Individual and Community
 MT___ Mathematics Requirement
 _____ Elective

ES101 Environmental Science
 ES110 Environmental Science Lab
 _____ Elective

Suggested freshman electives: Introduction to Computer Science, Geology I-II, Physics I-II, Cartography, Economics I-II.

Sophomore Year

Fall Semester

IC210 American Experience
 IC205 Experiencing the Arts
 CH101 General Chemistry I
 BI218 Ecology
 MT260 Statistics, *or*
 MT221 Calculus

Spring Semester

IC260 Twentieth Century
 IC204 Portfolio Assessment Seminar
 CH102 General Chemistry II
 _____ Field/Taxonomic Course
 _____ Elective
 _____ Elective

Junior Year

Fall Semester

IC305 Science of Society I
 IC310 Ancient & Medieval Worlds*
 BI342 Conservation Biology
 _____ Emphasis #1
 _____ Upper Level Economics/Policy
 _____ Elective

Spring Semester

IC306 Science of Society II
 IC360 Reason & Romanticism*
 ES480 Junior Seminar in Environmental
 Science
 _____ Emphasis #2
 _____ Sociology/Anthropology Course

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

Senior Year

Fall Semester

IC410 Senior Liberal Arts Seminar
 _____ Analytical Course
 _____ Emphasis #3
 _____ Elective
 _____ Elective

Spring Semester

ES481 Senior Thesis
 _____ Emphasis #4
 _____ Elective
 _____ Elective
 _____ Elective

Environmental Science Curriculum

ES101 Environmental Science

3 credits

A general introductory course on the range of interactions humans have with the environment, the problems these interactions cause, and the solutions which are being implemented or proposed.

ES110 Environmental Laboratory

1 credit

An introductory laboratory course on the qualitative and quantitative evaluation of environmental problems and the development of solutions. Required of all Environmental Science majors. *Prerequisite: Completion or concurrent enrollment in ES101.*

ES200 Recycling Program Management

1 credit

This one-credit course is a hands-on experience that teaches students how to manage a successful recycling program. Students learn skills in time and materials management, teamwork, communication, publicity and promotion, policy formulation and problem-solving associated with running the College's recycling program. Students can take this course up to four times. *Offered every semester.*

ES/GL205 Environmental Geology (laboratory)

4 credits

A course that provides a broad overview of the environmental impacts associated with resource extraction and use, with soil use, and with water use. Particular attention is paid to the roles of human population growth and growth in per capita consumption in these various environmental impacts. *Prerequisite: GL101 or ES101*

ES210 Evolution of Environmental Thought**3 credits**

This course is a survey of human understanding of and attitudes toward the natural environment as expressed by naturalists and writers from the 1600s to the present. Emphasis is placed on the development of these ideas as it took place in North America. *Prerequisites: permission of instructor; sophomore, junior, or senior standing.*

ES/BI217 Tropical Forest Ecology**4 credits**

This course will introduce the fundamental characteristics of the rainforest and adjacent ecosystems. Students will learn, through direct observation, lectures, seminars, field exercises and interpretation, about the physical and biological forces that shape the tropical forest and its plant and animal inhabitants. This course begins with a series of seminars in the fall semester on campus, followed by an extended field trip to Costa Rica during the winter break.

Prerequisites: BI101 and BI102

Fall-January

ES/BI218 Ecology (laboratory)**4 credits**

The interactions of individual organisms, populations, and communities with their environments. Lectures and laboratories emphasize principles and techniques of ecological investigations.

Prerequisite: BI102

Fall

ES/CH221 Environmental Chemistry (laboratory)**4 credits**

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

Spring, even years

ES/CS222 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/CS230 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: ES/CS222*

Spring, odd years

ES/BA265 Law and the Environment**3 credits**

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

ES300 Outdoor Environmental Education**3 Credits**

Students in this course learn how to help younger children understand ecological concepts through a number of different pedagogies, including journal writing, art, map-making, games, inquiry-based investigations, teacher-centered investigations, scientific studies, and group work. Students will be required to understand the science, literature and history defining the connections between humans and nature (content), and the methods that work best to teach about those connections to different age groups (process).

Summer

ES/PA306 Philosophy of Science and Nature**3 credits**

This course investigates the human relationship with nature: how humans define nature and how they interact with it. The course examines the history of scientific understanding of this relationship, the ethical issues raised by this understanding, and a critical examination of new paradigms that might better explain this relationship (or not).

Spring, even years

ES310 Environmental Impact Assessment**3 credits**

This course will demonstrate how biological, social, economic and legal issues interact as humans alter their environment. Students will learn the basic methods used to assess the impacts of a development project on the social, economic and natural environments. *Prerequisites: BI102, and ES101 or BI218; junior or senior standing.*

Spring, odd years

ES320 Wetland Ecology and Protection**3 credits**

This course will examine the plants, animals, soils, hydrology, and chemistry of different wetland types. The course will include the study of wetland-watershed interactions, and of the methods of wetland protection. *Prerequisite: ES101 or BI218.*

Fall, even years

ES340 Sustainable Communities**3 credits**

In this course, 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 Conservation Biology**3 credits**

A course on the problems of protecting and maintaining biological resources, including endangered species and ecosystems. Application of ecological concepts to maintenance and management of individual species and biodiversity will be emphasized. Ethical, legal, and social aspects of these problems will be discussed. *Prerequisites: BI102 and ES101, or BI218.*

Fall

ES/P0344 Environmental Politics**3 credits**

The course is designed to develop in students the understanding of the political components of environmental policymaking. Students will study the interactions between the political process and the environment as public affairs realm. The United States will be one of many countries examined in comparative perspective. Significant attention will also be given to international environmental politics under the assumption that international factors, as well as domestic ones, affect the formation of winning policy.

Spring, even years

ES/ET348 Environmental Economics**3 credits**

A study of the effect of economic systems on natural resource use and protection. Includes the ideas of market failure and externalities, as well as cost-benefit analysis and other methods used to measure the value of environmental goods. *Prerequisite: ET102*

ES/MC353 Environmental Journalism**3 credits**

This course explores the broad range of environmental journalism through reading, research and writing. Students will employ the interviewing and fact-gathering of basic journalism while also practicing the more advanced techniques of narrative and personal point-of-view journalism. Some classwork will take place outdoors. *Prerequisite: MC211 or permission of instructor.*

Fall, alternate years

ES/BI430 Forest Ecology (laboratory)**4 credits**

This course examines the basic ecological processes that influence forest type and forest structure. Topics covered range from broad scale landscape patterns of natural and human disturbance to the specific habitat requirements of individual plant species. The lab section

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

Fall, even years

ES/AN434 Environmental Anthropology

3 credits

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

ES460–462 Internship in Environmental Science

2–6 credits each

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

ES480 Junior Seminar in Environmental Science

3 credits

Readings, discussions, and projects on the history, philosophy and technical literature of environmental science. Students will conduct a literature review and design a research plan in preparation for the senior thesis. Required of all Environmental Science majors. *Prerequisite: junior standing.*

ES481 Senior Thesis

3 credits

A student-defined work of original research conducted under the supervision of one or more faculty. Required of all Environmental Science majors. *Prerequisites: ES480, senior standing, and permission of instructor.*

ES299, 399, 499 Independent Study in Environmental Science

2-6 credits each

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

Financial Management (FM)

PROFESSORS: Robert A. Coburn, Ed J. Dennis, Frederick J. Walsh

ASSOCIATE PROFESSOR: Bryan O'Neil

A Bachelor of Science degree is offered in Financial Management.

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

The major in Financial Management combines a basic liberal arts education with specialized preparation for a career in finance or preparation for advanced work at the graduate level. Emphasis is placed on College and Divisional core course requirements during the first two years of study. The major prepares the student for a position in banking, securities exchange, corporate finance, law, or similar professions.

Major Requirements

In addition to the Individual and Community Curriculum (page 105) and Divisional core (page 49) course requirements, the following courses must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements:

BA213	Business Law I
ET102	Principles of Economics II
ET223	Money and Banking
FM311	Managerial Finance
FM423	Investment Analysis
FM454	Problems in Finance
MN201	Principles of Management

Two electives from the following:	
AC314	Cost Accounting
AC354	Taxes
ET366	International Economics
FM257	Real Estate Investments
MN371	Small Business Management

An Honors candidate for any major in the Business Program must have a 3.0 overall GPA and a 3.25 GPA with no lower than a C- (cannot be repeated for credit), in all major courses. A candidate for High Honors will meet all requirements for honors, but will have a 3.5 GPA for all those courses specified for the major. Candidates for Honors/High Honors must have completed and defended a thesis in their major area. The Divisional Faculty may consider internships, senior independent projects, and business plans of superior quality.

Students wishing to minor in Finance must take the following courses:

ET223	Money and Banking,	FM454	Problems in Finance,
FM257	Real Estate Investments	MN371	Small Business Management
FM311	Managerial Finance		

Required for Graduation:

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
ET101	Principles of Economics I
BA100	Introduction to Business

Spring Semester

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

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
BA213	Business Law I
FM224	Principles of Financial Management
BA258	Legal and Social Environment of Business

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
MT260	Statistics
_____	FM Elective
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
ET223	Money and Banking
FM311	Managerial Finance
IB364	Global Economy
FM423	Investments Analysis

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
BA374	Research Methods in Business or Elective
_____	Elective
_____	Elective

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
FM491	Senior Independent Research Paper or Internship, or business plan

Spring Semester

FM454	Problems in Finance
BA471	Senior Business Seminar
FM257	Real Estate Investments

FM226 Real Estate Principles
_____ Elective
_____ Elective

_____ Elective
_____ Elective

Financial Management Curriculum

FM214 Personal Finance

3 credits

A survey of the institutions, instruments, and techniques of personal financial planning. A model of the major elements of effective money management: budgeting, investing, risk management, and taxation. *Prerequisite: ET101 recommended.*

FM224 Principles of Financial Management

3 credits

Provides an overview of the three major financial areas involving the financial system, investments, and business finance. Students gain an integrated perspective of the interrelationships between financial markets, institutions and management.

FM226 Real Estate Principles

3 credits

Real estate law, finance, and practice. Terminology and key concepts of the real estate business. Career opportunities such as brokerage, property management, finance, and development. *Prerequisites: ET102, AC101.*

FM257 Real Estate Investments

3 credits

Extensive look at broad classes of investments in real estate. Appraisal techniques, investment analysis, financing, and real estate law. *Prerequisite: FM226.*

FM311 Managerial Finance

3 credits

Financial policies and problems of modern business enterprise including new businesses promotion, expansion financing, failure and reorganization, mergers, types of securities, and government regulations. *Prerequisites: AC101, ET102.*

FM390 Internship in Financial Management

2–3 credits

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites: AC102, ET102, MN201, MK201, junior class standing, a CGPA of at least 2.9 and permission of Division Chair.*

FM391 Internship in Financial Management

2–3 credits

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for FM390. The granting of more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate by the department head and the Division Chair, a second internship, which is entirely different than that pursued under FM390, may be taken. *Prerequisite: FM390.*

FM423 Investment Analysis

3 credits

Development of goals and strategies for investing in securities: markets for stocks and bonds, selecting, timing, and performance of measurement techniques. *Prerequisite: FM311 or permission of instructor.*

FM454 Problems in Finance

3 credits

Uses accounting information in the financial decision-making process. Traditional areas of financial statement analysis, budgeting, the development of criteria for investing, and the rationale of planning and decision-making in the management of a business enterprise. *Prerequisite: FM311, FM423, or permission of instructor.*

FM491 Senior Independent Research Paper**4 credits**

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

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

These one-credit courses are 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 five 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.

FM299, 399, 499 Independent Study in Financial Management**2-3 credits each**

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

Geography

HS100 Introduction to Geography**3 credits**

An introduction to geography, designed to provide an overview of how the physical features of the earth have influenced the development of society.

Fall

Geology (GL)

ASSOCIATE PROFESSOR: Frederick S. Rogers

Geology Curriculum

GL101-102 General Geology I and II (laboratory)**4 credits each**

A course providing insight into the composition, structure, and origin of the earth as revealed by rocks, minerals, land forms, and the fossil record. Special attention is paid to tectonic and biological history.

GL205 Environmental Geology (laboratory)**4 credits**

A course that provides a broad overview of the environmental impacts associated with resource extraction and use, with soil use, and with water use. Particular attention is paid to the roles of human population growth and growth in per capita consumption in these various environmental impacts. *Prerequisite: GL101 or ES101.*

Graphic Communications (GC)

PROFESSORS: Richard Block, Robert E. Diercks

LECTURERS: Dennis Warnesky, 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.

An interdisciplinary major in Advertising is available in the Division of Business Administration, with courses in both Graphic Communications and Mass Communication.

An interdisciplinary major in Information Technology is offered through the Division of Natural Science, with courses in both Graphic Communications and Mass Communication.

Major Requirements

The following 16 courses are required for a major in Graphic Communications (in addition to the Individual and Community Curriculum page 105):

FA101	Two-Dimensional Design	FA201	Drawing I
FA102	Three-Dimensional Design	FA302	Drawing II
FA286	19th & 20th Century Art (or History Period Course)	GC321	Typography
GC201	Graphic Design I	FA211	Creative Photography I
GC302	Graphic Design II	GC367	Commercial Photography
GC403	Graphic Design III	GC341	Illustration
GC251	Graphic Production I	GC491	Internship I
GC352	Graphic Production II	GC492	Internship II

Recommended Electives:

GC227	Calligraphy	GC371	Computer Graphic Design I
GC261,	Color Photo. Workshop I	GC472	Computer Graphic Design II
GC 362	Color Photo. Workshop II	FA312	Creative Photography II
GC320	Book Design	FA313	Creative Photography III
GC 368	Commercial Photography II	FA314	Creative Photography IV
FA303	Drawing III	IT102	Information Technology
FA304	Drawing IV	MC100	Communication, Media and Society
FA_____	Art Studio Course	MK201	Principles of Marketing
FA_____	Art History Period Course		

Required for Graduation:

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

Recommended Curriculum Guide

Freshman Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
IC105	College Writing I	IC106	College Writing II
_____	Laboratory Science I	_____	Laboratory Science II
IC101	Individual and Community	GC251	Graphic Production I

FA101 Two-Dimensional Design
GC201 Graphic Design I

FA201 Drawing I
FA102 Three-Dimensional Design

Sophomore Year

Fall Semester

IC210 American Experience
IC205 Experiencing the Arts
GC302 Graphic Design II
FA211 Creative Photography
_____ Elective

Spring Semester

IC260 Twentieth Century
_____ Math Requirement
IC204 Portfolio Assessment Seminar
FA281-285 Art History Period course
GC321 Typography
_____ Elective

Junior Year

Fall Semester

IC305 Science of Society I
IC310 Ancient & Medieval Worlds*
GC352 Graphic Production II
FA302 Drawing II
_____ Elective

Spring Semester

IC306 Science of Society II
IC360 Reason & Romanticism*
GC367 Commercial Photography
GC491 Internship I
_____ Elective

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

Senior Year

Fall Semester

IC410 Senior Liberal Arts Seminar
GC492 Internship II
GC341 Illustration
_____ Elective
_____ Elective

Spring Semester

GC403 Graphic Design III
_____ Elective
_____ Elective
_____ Elective
_____ Elective

Minor Requirements

A minimum of seven courses is required for the minor.

Two Fine Arts courses

FA101 Two-Dimensional Design and either:
FA102 Three-Dimensional Design, FA201 Drawing I, or FA211 Creative Photography I

Four Graphic Communications courses

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

At least one Graphic Communications elective

GC452 Graphic Production II
GC367 Commercial Photography
GC341 Illustration
GC227 Calligraphy
GC371 Computer Graphic Design I
GC472 Computer Graphic Design II

Graphic Communications Curriculum

GC201 Graphic Design I

3 credits

An introduction to the basic concepts of graphic communications, with emphasis on the creative process and use of tools and techniques. *Materials fee.*

GC227 Calligraphy

3 credits

An introductory study of the history and practice of letters. Four basic styles: Roman Capitals, Carolingian, Gothic Manuscript, and Italic are covered. The emphasis is on well drawn, well proportioned letters, page design, and proper spacing. *Materials fee.*

GC251 Graphic Production I

3 credits

A comprehensive course which 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 reflect 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

This course will enable students to understand, recognize, and use typography as an effective communication tool. The main emphases will be a study of the development of typographic technology, the acquisition and practicing of basic skills, and the refining of a design sense for the printed word. Students will make considerable use of our Macintosh electronic publishing workstations and high-resolution imagesetter. *Materials fee. Prerequisite: GC302.*

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 or GC250.*

GC352 Graphic Production II

3 credits

A continuation of the knowledge and hands-on experience started in Graphic Production I. Advanced techniques in preparation for printing as well as varied methods of print reproduction and color adjustment are presented. *Materials fee. Prerequisite: GC251.*

GC362 Color Photography Workshop II

3 credits

The creative potential of the image. *Materials fee. Prerequisite: GC261.*

GC367 Commercial Photography I

3 credits

Production and portrait photography in the studio using medium- and large-format cameras. Corporate photography in the field is also included. *Materials fee. Prerequisite: FA211, suggested FA212 or GC261.*

GC368 Commercial Photography II

3 credits

A continuation of Commercial Photography I, using medium- and large-formats in studio and some location work. An opportunity to photograph and produce commercial quality images for a portfolio. Studies in specialized areas available. *Materials fee. Prerequisite: GC367.*

GC371 Computer Graphic Design I

3 credits

The application and use of microcomputers for the creation and manipulation of graphic images. Emphasis will be on 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.*

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**

This course will continue the studies begun in Computer Graphic Design I. Along with further work in high-resolution paint and draw programs and desktop publishing, students will work on the manipulation of scanned images and photographs and advanced color projects as well as experimenting with graphics on the Internet. *Materials fee. Prerequisites: GC341 and GC371, or permission of instructor.*

GC491 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 spring 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 resumé 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**

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

History (HS)

ASSOCIATE PROFESSORS: Douglas A. Ley, Robert E. Flynn

ASSISTANT PROFESSOR: Mary C. Kelly

SENIOR LECTURERS: Joni Doherty, Nickolas Lupinin

LECTURERS: Michael Connolly, 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 would like our students to write, speak and think clearly, to gain a sense of historical perspective, and to develop an understanding of the interaction between the individual and the community that has been a part of all of human history.

The major in History provides students with the essential skills for a wide variety of careers. Among the careers pursued by recent graduates are teaching, law, business, government service, journalism, and higher degrees in history and archival work.

Honors in History are granted to those whose grade point average at graduation is 3.25 in History courses. High Honors are accorded those who attain a grade point average of at least 3.5 in History and receive above a B on the history competency exam.

Students who intend to teach History (Social Science) in high school should refer to page 66 for information on the Secondary Teacher Certification Program.

Major Requirements

(In addition to the Individual and Community Curriculum, page 105)
Minimum of 39 credits in History.

History majors, especially those who contemplate graduate study, are encouraged to pursue the study of a foreign language.

Required Courses:

- HS001 History Competency Exam
- HS301 Historical Methods
- HS410 Senior Research Seminar

In addition, the student must take at least two courses (6 credits) in each of the concentrations listed below and one course (3 credits) in the category of Non-Western History. Upon choosing a specific area of concentration, the student must take at least three 200 level courses (9 credits) and at least four 300 level courses(12 credits).

Concentrations:

- American History
- European History

All History Majors must pass a comprehensive oral examination (HS001), to be taken in first semester of the senior year.

Minor Requirements

Six courses (18 credits) are required for the History Minor, distributed between the two concentrations and including at least two 300-level courses.

Required for Graduation:

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

Freshman Year

Fall Semester

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

Spring Semester

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

Sophomore Year

Fall Semester

- IC210 American Experience
- IC205 Experiencing the Arts
- HS__ 200 level course
- _____ Elective
- _____ Elective

Spring Semester

- IC260 Twentieth Century
- _____ Mathematics Requirement
- IC204 Portfolio Assessment Seminar
- HS__ 200 level course
- _____ Elective
- _____ Elective

Junior Year

Fall Semester

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

Spring Semester

- IC306 Science of Society II
- IC360 Reason & Romanticism*
- HS__ 300 level course
- HS__ 300 level course
- _____ Elective

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

Senior Year

Fall Semester

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

Spring Semester

IC410 Senior Liberal Arts Seminar
HS__ 300 level course
____ Elective
____ Elective
____ Elective

History Curriculum:

HS001 History Competency Exam

Individualized program of review and study culminating in oral History Exam. Required of all History majors.

HS100 Geography

3 credits

See page 89 for description.

HS111 Protest in America

3 credits

A history of American protest in the 19th and 20th centuries; an evaluation of how dissent and protest are channeled from their radical roots and assimilated into the mainstream of American history. Some examples include the abolition crusade against slavery, the Civil Rights movement, and anti-war protests.

HS112 Boomers to Yuppies: American Society Since 1945

3 credits

What does it mean to be a “baby boomer” or “yuppie?” The aim of this course is to explore social and cultural change in the United States since 1945. Topics include family life, popular music from Presley to the Pixies, the suburban experience, women’s and civil rights movements, and life in a consumer society.

HS113 Great Tyrants: Terror and Talent

3 credits

The course presents an individualized look at several of the “great tyrants” in history. The roles they played in changing their societies and empires will be featured. Concepts of tyranny and the role of the individual in history will both be addressed, with references to how these change over the centuries. The course culminates with 20th century modern totalitarianism. Among figures to be discussed are Caesar, Caligula, Stalin and Hitler.

HS132 History and Film

3 credits

This course explores the impact that film has had both on the study of history and on actual historical developments in the 20th century. Emphasis is on documentary, propaganda, feature films, and an examination of film as historical evidence for practicing historians.

HS201 U.S. History to the War of 1812

3 credits

A survey of the political and social development of the United States from colonial origins to the second war for independence against Great Britain. Topics include Puritan Massachusetts, relations with Native Americans, origins of slavery, independence and the Constitution, and the early Republic.

HS202 American History in the Age of Slavery and the Civil War

3 credits

An examination of the critical period spanning from 1815 to the end of Reconstruction in 1877. Topics include early industrialization, Jacksonian politics, slavery and abolition, women’s rights movement, territorial expansion, Civil War, and the Reconstruction of the South.

HS203 Emergence of Modern America, 1877–1945

3 credits

Covers such processes as growth of large cities, rise of large corporations, immigration, and the popular unrest caused by rapid and wrenching change. The course will also address the rise of the U.S. as a world power and involvement in two world wars.

HS204 U.S. History Since 1945

3 credits

A course in contemporary history of the United States. Particular attention will be paid to

national politics (Truman to Nixon to Reagan), the Cold War and its domestic impact, along with movements to extend rights to women and minorities.

HS222 Ancient History

3 credits

A study of the beginnings of mankind's search for law with justice, truth in philosophy and religion, order in government, and beauty in art and architecture. Students will study what constitutes the law, justice, goodness, and beauty as students look at Ancient Mesopotamian, Egyptian, Hebrew, Persian, Greek, and Roman civilizations.

HS223 Medieval History

3 credits

A study of the period from the fall of the Roman Empire to the end of the One Hundred Years War. An emphasis is placed on the philosophy, theology, social institutions, art, music and architecture developed during this period.

HS224 Renaissance to Napoleon

3 credits

A study of significant political, literary, philosophical and artistic developments of the Italian Renaissance and the Renaissance in northern Europe. Also, a study of the Protestant Reformation of the 16th century, and the response of the Catholic Counter-Reformation, the rise of absolutism, the Enlightenment, and the course of the French Revolution.

HS229 Nineteenth and Twentieth Century Europe

3 credits

A study of political, social, economic, and military developments in Europe since 1815. Topics range from the settlement of 1815, subsequent Great Power rivalries, the Industrial Revolution, The World Wars, Fascism, Communism and the development of the European Union (EU).

HS231 Modern Latin America

3 credits

A survey of the basic political, social, economic and cultural patterns in Latin America since independence. Integral to the course will be the place of Latin America in hemispheric and world affairs.

HS232 African History

3 credits

Nineteenth and twentieth centuries. The great empires of Mali, Songai, and Ghana. The introduction of slavery, colonialism, the influence of Islam, revolutionary struggle and contemporary issues. History within the context of African traditions.

HS233 Modern Middle East

3 credits

A study of the decline of the Ottoman and Persian empires in the 19th century under the impact of modernization and Western imperialism followed by the attempt of their newly-created successor states in the 20th century to establish their independence, political stability, economic viability and cultural identity. This course is designed to help 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

A topical approach to the history of labor and work in the United States. Topics will include industrialization and its implications, worker resistance, labor force segmentation and discrimination in American history, and the development of unions. *Prerequisite: 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? 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.*

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

The course is organized topically on the basis of the instructor's particular historical interests. As such, it offers students the opportunity to probe one specific aspect of American cultural and intellectual development. For example, possible topics might include great thinkers, powerful intellectual developments, progress in industry, government, education, the arts, and any of the cultural and intellectual forces that have shaped the U.S. since its inception. May be repeated. *Prerequisite: one HS200-level course.*

HS 324: Modern European Intellectual History**3 credits**

An examination of some significant developments in modern European thought in the period from the 17th-20th century. Topics may include the scientific revolution, the Enlightenment, emergence of modern democratic theory, romanticism, liberalism, nationalism, and varieties of socialism, psychological theories, and totalitarianism. *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**

The course will focus on major diplomatic trends involving Europe and the world from the defeat of Napoleon to the collapse of Communism. The class will concentrate on major movements in foreign relations during the period and attempt to gain a realistic understanding of events. *Prerequisite: one HS200-level course.*

HS333 History of Modern Britain**3 credits**

British culture and institutions since 1603, with emphasis on the British Empire and social changes in Great Britain. *Prerequisite: 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**

Ireland's historical pageant is as rich and magical as the land itself. Students will become immersed in the Gaelic medieval world, the evolving relationship with England, native Irish culture and arts, the Irish language, the foundations of the present Republic, and the search for an end to long-established political divisions. The course will also explore the popularity of Irish arts and literature in the later twentieth century. Students will come away with a new understanding of a rich culture that uniquely combines the ancient and modern. *Prerequisite: one HS200-level course.*

HS/WS341 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: 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 superpower today. *Prerequisite: IC260 or one HS200-level course.*

HS370 U.S. Foreign Relations to 1914**3 credits**

This course surveys the diplomacy of the American Revolution, continuing Anglo-American tensions in the 19th century, territorial expansion, diplomacy of the Civil War, and the creation of the American Empire by the early 20th century. *Prerequisite: 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 either not covered by a formal course, or by an out-of-phase course. *Prerequisite: permission of instructor.*

HS410 Senior Research Seminar**3 credits**

Required of all History majors. The seminar will be oriented around a broad topic chosen by the professor and fitted to the research needs of students in 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.

rience. 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

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

Honors Program (HR)

PROFESSORS: Rich Block, Richard Burns, Carl Brezovec, Gerald Burns, Paul Bush, Frank Cohen, Kelli Costa, Sarah Dangelantonio, Robert Diercks, Joan Dion, Joni Doherty, John Harris, Mary Kelly, Paul Kotila, Robert Lawson, Doug Ley, Nicolas Lupinen, Robin Marra, Craig Platt, William Preston, Donna Decker Reck, Ruth Ring, Richard Roth, Paul Scharfenberger, John Soares, Phyllis Scrocco Zrzavy

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 3.4 or higher will also receive invitations to join the Program. Outstanding transfer students will be considered, and faculty members may nominate students for the Program.

Successful completion of the Program requires a cumulative grade point average of 3.4 or higher and completion of five honors courses, at least two of which are at the 300 or 400 level. Completion of the Honors Program will be designated on the student's transcript and diploma, 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 are limited to 20 students or fewer, emphasize student participation and discussion, and seek to examine subjects from new or interdisciplinary perspectives. The Program offers a variety of extracurricular academic and social events as well. Students who wish to participate in the Honors Program should select the appropriate honors section(s) listed below.

Additional information about the Honors Program can be obtained by contacting the Honors Program Coordinator.

The following courses will be offered in 2002-2003:

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**

This course will review the major global environmental issues of today from a variety of perspectives, utilizing a number of recent texts. The course will emphasize discussions designed to clarify our knowledge base, examine areas of conflict or uncertainty, and critically evaluate proposals for solutions. *Prerequisite: Honors Program, freshmen and sophomores only.*

HR180 Topics in Popular Culture **3 credits**

Using an interdisciplinary approach, this course explores the importance of popular culture to contemporary societal and global issues. Themes will include politics, class, gender, race, and culture industry, and the hegemonic effect popular culture often has on traditional societies. *Prerequisite: Honors Program.*

HR210 American Cultural Encounters **3 credits**

This course explores a series of first-person narratives of encounter with an unfamiliar culture, drawn from different moments in American History. Readings range from Columbus’ *Voyages* to memoirs by twentieth century immigrants and expatriates. Students will be encouraged to bring perspectives from anthropology, literature, history, and philosophy to a consideration of the nature and the unique potential, both for ill and good, of the encounter experience. *Prerequisite: Honors Program, not open to freshmen.*

HR315 The Twenty-First Century **3 credits**

The new century - the new millennium - is here, and it is therefore appropriate to look at some major issues that face us. Students will read recent studies in some fields that seem to define the future. Students will focus on the human race: the numbers of us, the differences among us, the state of our health, technology’s influence, and our sensibilities. Willingness to share experience, take responsibility for class activities, and individual research are all required. *Prerequisite: Honors Program, not open to freshmen.*

HR340 Bookmaking **3 credits**

A studio, seminar, and lecture course to investigate the history, cultural differences, writing, designing, and production of books. Students will create books in a variety of bindings. At least one book will be entirely the student’s own creation, including the written text. The course will include a field trip. *Prerequisite: Honors Program.*

Individual and Community Integrated Curriculum (IC)



Liberal Education at Franklin Pierce College

No theme has more power or relevance in 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 42-credit general education curriculum.

The Individual and Community Integrated Curriculum is taken by all students, regardless of their academic major, and provides a shared learning experience and a common ground for conversation both in and out of the classroom. The purpose of the Individual and Community program is not to instill in students a prescribed set of answers, but to foster a common understanding of the questions and issues that lie at the heart of contemporary American life.

The Integrated Curriculum begins with a one-semester seminar called The 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 the Senior Liberal Arts Seminar. These courses are carefully designed to encourage students to read, write, and think at progressively more sophisticated levels as they move from one semester to the next, with each course building on the skills and knowledge gained in preceding courses. The Integrated Curriculum courses are taken simultaneously with elective courses and courses from the student's chosen major, and students are encouraged to consider connections between their liberal education experience and their studies in the major.

Most of the courses in the Individual and Community Integrated Curriculum are interdisciplinary, combining ideas and perspectives from a variety of fields of study, and are designed by teams of faculty members drawn from different academic departments. This interdisciplinary approach helps students to see the fundamental interconnections among the various fields of human knowledge—the relationship between history and the arts, for instance, or between psychology and literature—in a way that is not often possible in more traditional departmental course offerings.

The Integrated Curriculum courses all emphasize the active involvement of students in the learning process. Beginning with the Individual and Community 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 Integrated Curriculum:



Franklin Pierce College offers an innovative liberal arts core curriculum to all of its students. Addressing the theme, "The Individual and Community," this 42-credit sequence of courses helps students explore the complex relationships among the individual, the natural world, and the social structures that define human communities. This integrated approach focuses on the responsibility of individuals to their natural and social environments and on the responsibilities that communities of all sizes have to their individual members. Instruction in the core curriculum demonstrates an interdisciplinary approach to the theme, and features team-teaching and active student participation in class.

Students are encouraged to share their time and talents with the community by becoming involved in civic engagement and community service.

Each major program at Franklin Pierce College benefits from connections with the central theme. The science of ecology and environment, the art and literature of individual and collective identity, the economics of national and world cooperation and conflict, the anthropology and archaeology of peoples past and present, the socio-historical factors that affect people's involvement in social and political change are but a few examples of such connections.

Funded in part by the National Endowment for the Humanities and recognized by the Association of American Colleges and Universities, the academic program at Franklin Pierce College offers students a broad education in the liberal arts tradition accompanied by in-depth study in strong major and minor programs.

Dr. Sarah Dangelantonio, Coordinator of the Individual and Community Integrated Curriculum 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 ten years ago. 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. 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.

Goals of the Student Experience at Franklin Pierce College

The theme of The Individual and Community is reflected in every aspect of the educational experience at Franklin Pierce College. Both inside and outside the classroom, in the Individual and Community Integrated Curriculum, in major fields of study, in student activities and residential life—the programs of the College are designed to help students achieve the following goals:

Students who graduate from Franklin Pierce College should:

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

Integrated Curriculum Courses

The courses listed below are required, and must be taken in the appropriate sequence. STUDENTS ARE REQUIRED TO HAVE COMPLETED THE COURSE'S PREREQUISITES BEFORE BEING ALLOWED TO ENROLL IN THE CLASS.

Freshman Year

Fall

IC101 Individual & Community 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 Geology I and II (8)

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

Sophomore Year

Fall

IC205 Experiencing the Arts (3)

IC210 The American Experience (3)

Spring

IC201 Foundations of Mathematics (3)*

IC260 The Twentieth Century (3)

IC204 Portfolio Assessment Seminar (1) (may be taken in fall of junior year)

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

MT151 Algebra and Trigonometry I (3)

MT211 Discrete Mathematics (3)

MT221 Calculus I (4)

MT321 Calculus III (4)

See page 131-132 for further information on the above courses.

Junior Year

Fall

IC305 Science of Society I (3)

Spring

IC306 Science of Society II (3)

Fall or Spring

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

Senior Year

Fall or Spring

IC410 Senior Liberal Arts Seminar (3)

FRESHMAN YEAR

IC101 Individual and Community 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 or the spring of the sophomore year.

IC105, 106 College Writing I and II

3 credits each

This two-semester writing course provides a foundation for further writing throughout a student's college career. Through the process of pre-writing, writing, revising, and editing, students build self-confidence in their writing and learn to feel at ease in any writing situation. Using collaborative learning techniques, students experience the benefits of writing teamwork—the encouragement, advice, and response of prepared readers and writers. Writing expectations in the Individual and Community Integrated Curriculum are structured to increase, building upon prior writing experiences, as students progress through the curriculum. This course emphasizes the need for writing coherently in all college courses and throughout their lives.

Grading for these courses: A, B, C, or F.

IC110, 111 Integrated Science I and II

4 credits each

This year-long interdisciplinary laboratory science course is designed to improve the scientific and technological literacy of students not majoring in a scientific discipline. History has shown that science provides a powerful methodology by which we, as human beings, can come to understand the natural world. This course helps the student 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 alternatively take a two-semester laboratory course in a single scientific discipline.



SOPHOMORE YEAR

IC201 Foundations of Mathematics

3 credits

This course is designed to promote critical thinking by helping students state problems clearly, sort out the relevant from the irrelevant, abstract common properties from individual situations, and argue coherently. Students are exposed to good reasoning processes through an introduction to mathematical concepts. (Although most students will not enroll in the Integrated Curriculum mathematics course until their sophomore year, those students who wish to continue their high school sequences of courses may choose to enroll during their first semester in Algebra and Trigonometry I, Discrete Mathematics I, Calculus I or Calculus III.)

IC204 Portfolio Assessment Seminar

1 credit

This course provides students with an opportunity to review the contents of their writing portfolios and to reflect in a general way on their own educational experience and goals. Utilizing their portfolios, and informed by readings on such topics as learning style, critical and creative thinking, and cognitive development, students conduct a systematic self-assessment of their academic work within the Integrated Curriculum and their progress toward achieving the Goals of Franklin Pierce College Student Experience. They also complete a final project that builds on the results of this assessment to chart a course for their future academic and personal development. Class meetings take place twice weekly for four weeks. A complete, up-to-date portfolio is required for this course. (May be taken in fall of the junior year.) *Prerequisites: Second semester sophomore standing; completion of IC101, IC105, IC106, IC210*

IC205 Experiencing the Arts

3 credits

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 between 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, Cambridge
- 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

IC210 The American Experience

3 credits

This course examines, from an interdisciplinary perspective, selected aspects of the American experience. Through the critical interpretation of texts and other forms of cultural expression, it balances the notion of a common national character against the idea that group diversity and individual identity were equally significant factors in producing the American experience. The course also analyzes the dynamic interchange between unity and diversity in contemporary American culture and concludes with views of the American experience from students' own lives. *Prerequisites: Completion of IC101, IC105, IC106 or permission of Core Curriculum Coordinator and sophomore standing.*

IC260 The Twentieth Century*

3 credits

This course examines the twentieth century, an era that has been characterized by change.

This includes change in political boundaries, technological capability, response to religion, philosophy and the arts, and change in how people think. The course examines some of the major events of the century from different perspectives, in order to try to gain understanding of the period and its change. The goals of the course include: a fundamental understanding of the major events that shaped the century; a sense of the sources of contemporary problems; exposure to artistic and cultural developments and their historical context; the development of a chronological sense of the century; and an extension of the world view beyond ethnocentric limitations. *Prerequisites: Completion of IC101, IC105, IC106, IC210 or permission of Core Curriculum Coordinator and sophomore standing.*

JUNIOR YEAR

IC310 Ancient and Medieval Worlds*

3 credits

This humanities course is structured as a pilgrimage on which the course participants journey through time and space to experience some of the significant historical and cultural aspects of ancient Greek and Roman societies and medieval European societies. One particularly important destination on this pilgrimage is Medieval Spain, where the travelers will have the opportunity to look closely at the coexistence there of Christian, Judaic and Islamic cultures. *Prerequisites: Completion of IC101, IC105, IC106, IC210, IC260, IC205, IC204 or permission of Core Curriculum Coordinator and junior standing.*

***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 amidst the transition from the medieval to the modern. Through the use of written texts, music and the visual arts, students will examine the eternal dualities of rationalism, order, structure and community, versus impulse, autonomy and individualism. Ultimately, students will confront the issue of just what are "Western values," while forging their own personal connections between the historical past and contemporary issues and problems. *Prerequisites: Completion of IC101, IC105, IC205, IC210, IC260, IC204 or permission of Core Curriculum Coordinator and junior standing.*

IC305, 306 Science of Society I and II

3 credits each

This two-semester course compares contrasting theories about the relationships between an individual person and increasingly complex levels of social integration. It also evaluates the scientific methods which generate data used to test those theories. Course material ranges from the psychology of the self to cross-cultural analysis of the individual's membership in a global community. An important goal of the course is to promote greater understanding and tolerance of different personalities; kinds of families and other small groups; and larger political and economic systems. An appreciation of diversity is encouraged as students broaden their knowledge base and sharpen their critical thinking skills. *Prerequisites: Completion of IC101, IC105, IC106, IC205, IC210, IC260, IC204 or permission of Core Curriculum Coordinator and junior standing.*

SENIOR YEAR

IC410 Senior Liberal Arts Seminar

3 credits

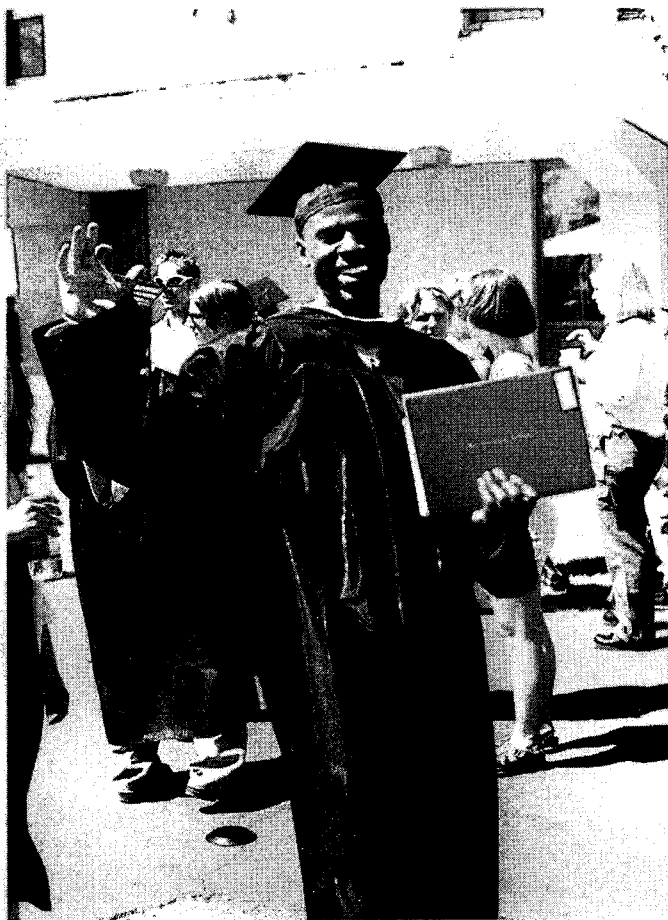
This course serves as the capstone of the Individual and Community Integrated Curriculum. In any one year different versions of the course, focusing on distinct subject matters or themes, will be offered, and it is expected that these will change from time to time. At present the two versions available are "New Worlds of Love and Work" and "Ecology and Culture"; students

elect one or the other to meet the requirement. All offerings of the Senior Liberal Arts Seminar are interdisciplinary in nature, feature active, collaborative learning, offer students the opportunity to apply knowledge and skills gained from their earlier courses, and include self-assessment activities based on the student portfolio. Successful completion of the Portfolio Assessment Seminar is a prerequisite for enrollment in the Senior Liberal Arts Seminar. *Prerequisites: Completion of IC101, IC105, IC106, IC110, IC111, IC201, IC204, IC205, IC210, IC260, IC310 or IC360, IC305, and IC306 and senior standing.*

Individual and Community Integrated Curriculum Portfolio

As a part of the Individual and Community Integrated Curriculum, students maintain portfolios of their work throughout their college careers. Portfolios allow students to chart their own development, to think about what they have learned in depth, to evaluate their own work and identify strengths and areas for improvement as they proceed through college. At the end of the college career, portfolios can be used to assemble a resume for prospective employers or graduate schools.

Students place designated assignments from each of their Integrated Curriculum courses in their portfolios, as well as other material of their choice. During the sophomore year Portfolio Assessment Seminar and again in the Senior Liberal Arts Seminar, students work with faculty members to evaluate their intellectual development and their progress toward the "Goals of the Student Experience," and to plan their academic program accordingly.



Integrated Curriculum Coordinators

Sarah T. Dangelantonio, Professor of English
Coordinator, Individual and Community Integrated Curriculum
IC101 Individual and Community First-Year Seminar
IC105, 106 College Writing I and II
IC204 Portfolio Assessment Seminar and
IC305, 306 Science of Society I and II
IC410 Senior Liberal Arts Seminar

Paul D. Bush, Senior Lecturer, Mass Communication
Coordinator, IC260 The Twentieth Century

Joni Doherty, Senior Lecturer
Coordinator, IC205 Experiencing the Arts

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

Donna Decker Reck, Assistant Professor of English
Co-Coordinator, IC101 Individual and Community First-Year Seminar
IC310 Ancient and Medieval Worlds

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

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

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

Information Technology (IT)

PROFESSORS: Richard Block, Sudarshan Erramilli

ASSISTANT PROFESSOR: Gary Heald

AFFILIATED FACULTY: Robert Diercks (Graphic Communications), Phyllis Scrocco Zrzavy (Mass Communication), Richard Roth (Mass Communication)

A Bachelor of Science degree is offered in Information Technology.

A major and a minor are offered in Information Technology.

Information Technology brings together tools from various disciplines for the implementation of well designed, robust electronic communication. It represents the continuing convergence of technology in the communications and computing fields. The growth of the World Wide Web and the use of the internet and intranets by businesses has resulted in an increased demand for technically competent professionals. The IT major builds on a foundation of ten courses and lets the student choose one area of concentration from the following five tracks: Internet, e-Commerce, Mass Communication, Graphic Design, and Criminal Justice. (The Mass Communication, Graphic Design and Criminal Justice tracks are currently being developed.)

Departmental Honors in Information Technology are awarded to students having a GPA of 3.25, and High Honors to students having a GPA of 3.50 in the major courses.

Major Requirements

In addition to The Individual and Community Curriculum (page 105), a total of 45 credits in the major must be completed successfully with a grade point average of 2.00 to fulfill the major requirements. The IT major consists of a set of 9 core IT courses, one math course, and five courses from the chosen track.

Required IT Courses: (9 courses)

IT102 Intro. to Information Technology
CS211 Introduction to Programming
CS/IT232 Intro. to Script Languages
CS301 Cyber Ethics and Law
CS343 Data Base Management Systems
CS354 Data Communications
CS/IT380 Computer Networking I
CS423 Systems Analysis and Design
IT474 Senior Seminar in
Information Technology

Required Math Course:

MT211 Discrete Mathematics

Required Courses for the Internet Track:

CS220 Programming for Windows Applications
CS234 World Wide Web Structure and Design
CS/IT385 Systems Administration and
Security
CS/IT391 Internet Technologies
And one of the following:
CS/IT480 Computer Networking II
CS245 Fundamentals of Computing II
CS262 Object-Oriented Programming

Required Courses for the Electronic Commerce Track:

BA100 Introduction to Business
MK201 Principles of Marketing
MK333 Marketing Research (*Prereq: MT260*)
MK350 Electronic Commerce
MK392 Internship in e-Commerce *or*
MK481 Senior Research Project

Minor Requirements (18 credits)

IT102 Intro. to Information Technology
CS211 Introduction to Programming
CS/IT232 Introduction to Script Languages

Any three of the following:

CS343 Data Base Management Systems
CS354 Data Communications
CS/IT380 Computer Networking I
CS423 Systems Analysis and Design

Required for Graduation:

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

Recommended Curriculum Guide (for an IT major)

Freshman Year

Fall Semester

IC105	College Writing I
IC110	Integrated Science I
IC101	Individual and Community
IT102	Intro. to Information Technology
MT211	Discrete Mathematics

Spring Semester

IC106	College Writing II
IC111	Integrated Science II
CS211	Introduction to Programming
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
CS232	Intro. to Script Languages
CS301	Cyber Ethics and Law
_____	Elective

Spring Semester

IC260	Twentieth Century
IC204	Portfolio Assessment Seminar
CS234	World Wide Web Structure and Design
CS343	Data Base Management Systems
_____	Elective
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
CS220	Programming for Windows
CS354	Data Communications
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
CS380	Computer Networking I
_____	Elective
_____	Elective

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
CS385	Systems Administration & Security
CS391	Internet Technologies
_____	Elective
_____	Elective

Spring Semester

IT474	Senior Seminar in Information Technology
CS423	Systems Analysis and Design
_____	Elective
_____	Elective
_____	Elective

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

Information Technology Curriculum

IT102 Introduction to Information Technology

3 credits

This course brings together tools from various disciplines for the implementation of well designed, robust electronic communication. It covers technologies in the communications and computing fields, including databases, the Internet & World Wide Web, information technology tools and formats, multimedia, non-linear audio and video editing and graphic animation, and product evaluation.

CS/IT232 Introduction to Script Languages

3 credits

This course is an introductory level course in the use of scripting languages as applied to the context of the World Wide Web. While there are a variety of scripting languages available, JavaScript will form the foundation of this course as a result of its prevalence in the world of information technology. 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. *Prerequisites: CS211, MT211*

CS/IT234 World Wide Web Structure and Design**3 credits**

This course will examine 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 cover the Hypertext Markup Language (HTML), the language used for creating web pages, and more recent developments in web page interactivity, including JavaScript. Other topics include web site management, firewalls, and internet security. *Prerequisite: CS232*

IT/CS/BA301 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 standing*

CS/IT380 Computer Networking I**3 credits**

This is an introductory course in computer networking which provides an overview of major networking topics including 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: CS354*

CS/IT385 Systems Administration and Security**3 credits**

This course will cover 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: CS380*

CS/IT391 Internet Technologies**3 credits**

This course will cover the history, advances, and potential uses of the Internet. Major topics covered will include infrastructure design, topology, intranets, Virtual Private Networks, multimedia, encryption, Web and Proxy servers, traffic analysis, firewalls and routers. Additional topics covered will be security, available troubleshooting tools and techniques, and standard protocols. *Prerequisite: CS380*

CS/IT480 Computer Networking II**3 credits**

This is the second course in computer networking which provides an overview of major inter-networking topics including internetworking, IP addressing, Address Resolution Protocol, IP Datagrams 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. This course will provide the foundation for further advanced studies in computer networking. *Prerequisite: CS380*

IT390, 490 Internship in Information Technology**2–6 credits**

This is an opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met. Internships are developed in consultation with a faculty internship advisor and require the approval of the advisor, prospective intern supervisor and the Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the internship advisor in consultation with the employer. *Prerequisite: permission of instructor.*

IT299, 399, 499 Independent Study**2–3 credits**

Independent study offers an opportunity to explore an area of study not included in the

catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

IT474 Senior Seminar in Information Technology **3 credits**

This class begins with presentations by class members on what they see as the most interesting/valuable topic in Information Technology. These presentations provide the groundwork for student independent research for the rest of the semester. The class as a group investigates Information Technology in two areas: 1) the hot topics in the field, which show the most potential for growth and impact in the coming years; and 2) the social implications of IT. These investigations will take the form of readings, discussions, site visits, films, etc. The last few weeks of the semester are devoted to student presentations on their independent research.

Prerequisite: senior standing

Interdisciplinary (ID) Courses

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. Recent productions include: *Kiss Me, Kate, Damn Yankees, Boys from Syracuse, Working, The Threepenny Opera*, and *Carousel*. Course open to students by audition.

Interdisciplinary Majors

NOTE: For information on Interdisciplinary Majors, see page 166, Student-designed Major.

Interdisciplinary Minors

Biology and Behavior

This program is a creative mix of courses from different disciplines which makes it possible for students to explore this emerging field of inquiry from several perspectives. Successful completion of the minor gives a student a desirable complement to a major field of study in preparation for graduate work or for career entry.

Minor Requirements

- BI231 Animal Behavior
- S0335 Classical Social Theory
- SO499 Independent Study in Sociology
- S0450 Seminar in Sociological Perspectives (when student meets cumulative grade point average requirement)

One course from each of three groups:

Group One:

- | | |
|------------------------|-------------------------|
| AN102 Human Origins | AN354 Human Genetics |
|------------------------|-------------------------|

Group Two:

- | | |
|-------------------------------|-----------------------------------|
| AN216 Human Sexuality | PS302 Psychology of Perception |
| PS155 Psychology of Gender | AN331 Violence and Aggression |

Group Three:

- | | |
|--|-----------------------------------|
| AN435 Behavior and the Biological Human | PS304 Physiological Psychology |
|--|-----------------------------------|

Social Theory

The minor in Social Theory is designed to expand the theoretical groundings of students in a number of disciplines, but especially those in Political Science, History, Economic Theory, Anthropology, and Sociology. As such, it provides a valuable complement to the major offerings in these fields and may be particularly helpful for students anticipating graduate study.

Minor Requirements

- S0335 Classical Social Theory
- S0336 Contemporary Social Theory
- PA/PO210 Political Theory or PO310 Political Ideologies
- SO416 Political Sociology
- ET474 History of Economic Thought or ET323 Comparative Economic Systems
- S0499 Independent Study in Sociology (Readings in Social Theory)

One of the following:

- SO340 Sects, Cults, Religion and Society
- PA306 Philosophy of Science and Nature

International Business (IB)

PROFESSORS: Ed J. Dennis, Frederick J. Walsh

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)

PROFESSORS: Bonnie C. Black, Robert F. Wiesenauer

ASSOCIATE PROFESSOR: Bryan O'Neil

ASSISTANT PROFESSOR: Kelly Kilcrease

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 105) and Divisional core (page 49) course requirements, the following courses must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements.

- | | |
|----------------------------------|---------------------------------------|
| MN201 Principles of Management | MN314 Human Resource Management |
| MN321 Organizational Behavior | MN348 Public Administration <i>or</i> |
| MN371 Small Business Management | MN426 Government and Business |
| ET102 Principles of Economics II | FM311 Managerial Finance |
| MK201 Principles of Marketing | MT260 Statistics |

Two managerial electives chosen from the 300 or 400 levels with a MN prefix.
 One elective chosen from the 300 or 400 level courses offered in the Division of Business Administration.

Students minoring in Management must complete the following courses:

MN201	Principles of Management	MN314	Human Resource Management
MN314	Human Resource management	MN321	Organizational Behavior
MN365	Production Management	FM311	Managerial Finance
BA213	Business Law I		

An Honors candidate for any major in the Business Program must have a 3.0 overall GPA and a 3.25 GPA with no lower than a C- (cannot be repeated for credit), in all major courses. A candidate for High Honors will meet all requirements for honors, but will have a 3.5 GPA for all those courses specified for the major. Candidates for Honors/High Honors must have completed and defended a thesis in their major area. The Divisional Faculty may consider internships, senior independent projects, and business plans of superior quality.

Required for Graduation:

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

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

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
BA100	Introduction to Business
ET102	Principles of Economics II
_____	Elective

Sophomore Year

Fall Semester

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

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
MN321	Organizational Behavior
MT260	Statistics
_____	Elective

Junior Year

Fall Semester

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

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
BA374	Research Methods in Business
MN314	Human Resource Management
MN371	Small Business Management

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
MN491	Senior Independent Research Paper
MN348	Public Administration, <i>or</i>
MN426	Government and Business
MN390	Internship in Management
_____	Business Elective

Spring Semester

BA471	Senior Business Seminar
MN__	Management Elective
_____	Elective
_____	Elective
_____	Elective

Management Curriculum

MN201 Principles of Management

3 credits

The process of coordinating all the resources of an organization toward the realization of its goals. *Prerequisite:* IC105, AC101, ET101 strongly suggested. *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:* ET102, MN201.

MN360 Communications 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. *Prerequisites:* AC101, MN201, MK201.

MN390 Internship in Management

2–3 credits

The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites:* AC102, ET102, MN201, MK201, junior class standing, a CGPA of at least 2.0 and permission of Division Chair.

MN391 Internship in Management

2–3 credits

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for MN390. The granting of more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate by the department head and the Division Chair, a second internship, which is entirely different than that pursued under MN390, may be taken. *Prerequisite:* MN390.

MN426 Government and Business

3 credits

Public policy and legislative developments in regulation, antitrust laws, control over price, and public utility regulations. Roles of government, business and labor in a mixed economy. *Prerequisites:* ET102, MN201.

MN491 Senior Independent Research Paper

4 credits

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

MN299, 399, 499 Independent Study in Management

2–3 credits each

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

BA 280, 380, 480 Small Business Advisory Groups

1 credit each

These one-credit courses are 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 five 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)

ASSISTANT PROFESSORS: Kelly Kilcrease, 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 105) and Divisional core (page 49) course requirements, the following courses must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements.

MK201	Principles of Marketing	MK314	Consumer Behavior
MC200	Rhetoric and Society <i>or</i>	MK333	Marketing Research
MC100	Communication, Media & Society	MK390	Internship in Marketing***
MC/EN	Upper Level Writing Requirement*	MK474	Marketing Management
MK__	Marketing Elective**		

** beyond IC105/106 sequence: appropriate courses include one from EN205, EN220, EN235, EN237, EN241, EN417, EN421, MC211, MC252, MC271, MC300, or MC352*

*** from MK304, MK317, MK350, MK365, MK299/399/499, AD370*

**** or MK491 Marketing Thesis or Business Plan (prerequisite: MN371)*

An Honors candidate for any major in the Business Program must have a 3.0 overall GPA and a 3.25 GPA with no lower than a C- (cannot be repeated for credit), in all major courses. A candidate for High Honors will meet all requirements for honors, but will have a 3.5 GPA for all those courses specified for the major. Candidates for Honors/High Honors must have completed and defended a thesis in their major area. The Divisional Faculty may consider internships, senior independent projects, and business plans of superior quality.

Minor Requirement

In addition to the Divisional Core Requirements (p. 50), the minor in Marketing requires completion of the following courses:

MK201	Principles of Marketing	MC/EN	Upper Division Writing Requirement*
MC100	Communication, Media & Society	MK____	Marketing Elective**
MK314	Consumer Behavior	MK474	Marketing Management

** beyond IC105/106 sequence: appropriate courses include one from EN205, EN220, EN235, EN237, EN241, EN417, EN421, MC211, MC252, MC271, MC300, or MC352*

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

Required for Graduation:

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
IC101	Individual and Community
IC110	Integrated Science I
BA100	Introduction to Business
CS101	Introduction to Computers

Spring Semester

IC106	College Writing II
_____	Mathematics Requirement
IC111	Integrated Science II
ET101	Economics I
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
MC100	Communication, Media & Society
FM224	Prin. of Financial Management
MK201	Principles of Marketing

Spring Semester

IC260	The Twentieth Century
IC204	Portfolio Assessment Seminar
MT260	Statistics
EN/MC	Upper Level Writing Requirement
BA258	Legal and Social Environment
MK314	Consumer Behavior

Junior Year

Fall Semester

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

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
MK____	Marketing Elective
_____	Elective
BA374	Research Methods**

Senior Year

Fall Semester

MK391	Internship in Marketing**
IC410	Senior Liberal Arts Seminar
MK____	Marketing Elective
_____	Elective/s

Spring Semester

MK474	Marketing Management
BA471	Senior Business Seminar
_____	Elective
_____	Elective/s

**One of these two courses is required.*

***required for honors track: BA374 Research Methods in Business and MK491 Senior Independent Project in Marketing (Thesis)*

Marketing Curriculum

MK201 Principles of Marketing

3 credits

Principles of managing the product planning, distribution, pricing and promotion activities of business. *Prerequisite: sophomore standing; 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

The study of consumer shopping and buying behavior including factors influencing decision-making. *Prerequisite: MK201.*

Fall

MK317 Physical Distribution

3 credits

The development of services rendered by various distribution systems. Evolution of governmental regulation and economic aspects of distribution as related to other sectors of the economy. *Prerequisites: MK201, MN201.*

As needed

MK333 Marketing Research

3 credits

A study of basic marketing and social science research concepts and practices; research design; sampling; survey, observation and experimental research practices; data collection and analysis. *Prerequisites: MK201, MT260.*

Fall

MK350 Electronic Commerce

3 credits

This course 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 science, information technology, relevant field 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: ET102, MK201, MN201.*

Spring

MK390 Internship in Marketing

2-3 credits

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

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for MK390. The granting of more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate by the department head and the Division Chair, a second internship, which is entirely different than that pursued under MK390, may be taken. *Prerequisite: MK390.*

MK392 Internship in Electronic Commerce**3 credits**

The opportunity to gain experience in the administration of electronic commerce. The internship is taken after most of the major and track 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 the Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. *Prerequisites: BA100, MK201; the majority of the required Information Technology core requirements; junior class standing; a CGPA of at least 2.0, and permission of Division Chair.*

MK474 Marketing Management**3 credits**

This capstone course in the Marketing program offers an approach to marketing executive decision-making. Simulation through case studies recreates original marketing decision-making situations. *Prerequisites: senior marketing major or minor and permission of instructor.*

Spring

MK491 Marketing Thesis**4 credits**

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

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

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

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

These one-credit courses are 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 five 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 Zrzavy

ASSOCIATE PROFESSOR: Richard Roth

ASSISTANT PROFESSOR: John Soares

SENIOR LECTURER: Paul Bush

LECTURERS: Deborah Arnesen, 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 Advertising, American Studies, Arts Management, and Information Technology, and to the interdisciplinary minor in Women's Studies.

The Department's curriculum is designed for students who seek training toward professional competence in aspects of media management; print and broadcast journalism; and electronic, digital, or broadcast media production. The curriculum also serves those who, upon graduation, want to pursue graduate-level study in the fields of mass communication, media studies, and related areas of academic inquiry.

The Department Core combines a liberal arts approach with discipline-specific training in the theoretical, methodological and analytical principles that constitute the field of mass communication. It also provides instruction in statutory, regulatory, and judicial issues affecting information and the media, and culminates in a senior seminar that explores current issues in the discipline and pays particular attention to the connections between mass communication and currents in other disciplines.

Four areas of concentration afford students the opportunity to receive specialized training:

- in **Journalism** classes, students acquire a journalistic sensibility for what constitutes newsworthiness, a proper audience awareness, a sense of responsibility in the production and dissemination of news stories, and a level of preparedness that readies them to pursue and achieve their career goals;
- in **Media Management** courses, students gain proficiency in identifying and addressing the issues that affect both the short- and long-term management of traditional and new media ventures;
- classes in **Media Production** help students develop the skills needed to compete for entry-level media positions while pursuing the broader aim of developing in students an appreciation for and understanding of the practical exigencies of mediated communication; and
- **Media Studies** courses are designed to help students become more sensitive to the relationship between media and culture by placing media messages, genre conventions, media subtexts and production elements in their respective social and cultural contexts.

Throughout their entire course of study and irrespective of their chosen field of concentration, students are trained to develop and refine academic and professional research skills and to practice verbal presentation and written communication techniques, from traditional writing to Internet-based collaborative exercises.

To complement their regular course-work, students may gain valuable practical experience through participation in co-curricular activities at the campus newspaper (*The Pierce Arrow*), the campus radio station (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

A total of 120 semester hours are required for graduation, including the College's Individual

and Community Integrated Curriculum. The major requires 42 credits for completion. The normal course load is 15-16 credits per semester.

Students must earn a minimum 2.0 grade point average in the major to graduate with a Mass Communication degree.

Seniors may earn graduation honors by maintaining a departmental grade point average of at least 3.25; high honors will be granted to majors who maintain a departmental grade point average of 3.50 or above.

Major Requirements

In addition to completing the Individual and Community Integrated Curriculum (see p. 105), 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

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

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 News Writing
- MC353 Environmental Journalism

Media Management Core (12 credits):

- MC221 Media Programming
- MC222 Organizational Communication
- MC321 Media Policy and Economics
- MC422 Media Management

Media Management Cognate Electives

(6 credits, choose two of the following):

- MC212 Broadcast Journalism
- MC230 Introduction to Media Production
- MC242 Principles of Media Literacy
- MC341 Media and Culture
- MC364 Media Marketing

Media Production Core (12 credits):

- MC230 Intro. to Media Production
- MC331 Single-Camera Production
- MC332 Multi-Camera Production
- MC431 Advanced Media Production

Media Production Cognate Electives

(6 credits, choose two of the following):

- MC273 Writing for the Electronic Media
- MC274 Broadcast Performance
- MC282 Visual Communication
- MC374 Audio Production

Media Studies Core (12 credits):

- MC242 Principles of Media Literacy
- MC341 Media and Culture

- MC342 Mass Communication Theory
- MC441 Advanced Media Studies Seminar

Media Studies Cognate Electives:

(6 credits, choose two of the following):

- MC211 Journalism I
- MC230 Introduction to Media Production
- MC252 Journalism II
- MC281 Understanding Film
- MC282 Visual Communication
- MC382 Women in Media Representation
- MC384 Persuasion Through Media

Self-Designed Area of Concentration

Under specified conditions, it is possible to design a unique area of concentration that fits a student’s self-declared pedagogical goals. Students proposing a self-designed concentration must work closely with their major advisor and have their advisor’s written approval to create a concentration. The self-designed area of concentration must follow a cohesive pedagogical rationale and must consist of at least 18 credits in addition to the Department Major Core.

III. Electives

Students complete their respective specialization by choosing, after consultation with their Department advisor, 9 credit hours from an array of concentration-specific course options at the 200-level or higher, including credits for independent study and internship.

Minor Requirements

The Department offers the following program of study to all students seeking a minor in Mass Communication:

I. Department Core

Mass Communication Minor Core (12 credits):

MC100 Communication, Media and Society	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
MC212	Broadcast Journalism
MC311	Advanced Broadcast Journalism

Media Production Focus Area (9 credits):

MC230	Intro. to Media Production
MC331	Single-Camera Production
MC332	Multi-Camera Production

Media Management Focus Area (9 credits):

MC222	Organizational Communication
MC321	Media Policy and Economics
MC422	Media Management

Media Studies Focus Area (9 credits):

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

Self-Designed Focus Area:

Under 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.

Freshman Year

Fall Semester

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

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
MC100	Communication, Media and Society
_____	Elective
_____	Elective

Sophomore Year

Fall Semester

IC205	Experiencing the Arts
IC210	American Experience
MC200	Rhetoric and Society
MC____	AoC Core or Cognate
_____	Elective

Spring Semester

IC204	Portfolio Assessment Seminar
IC260	Twentieth Century
_____	Mathematics Requirement
MC____	AoC Core or Cognate
MC____	AoC Elective
_____	Elective

Recommended Curriculum Guide

Junior Year

Fall Semester

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

**Students may choose between IC310 and IC360*

Spring Semester

IC306	Science of Society II
IC360	Reason and Romanticism*
MC304	Media Law
MC__	AoC Core or Cognate
MC__	AoC Elective

**Students may choose between IC310 and IC360*

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
MC__	AoC Core or Cognate
MC__	AoC Elective
_____	Elective
_____	Elective

Spring Semester

MC400	Senior Seminar
MC__	AoC Core or Cognate
_____	Elective
_____	Elective
_____	Elective

Mass Communication Curriculum

Note: To facilitate proper progress through the various course sequences, students must fulfill all prerequisite requirements. In select circumstances, it is possible for a full-time faculty member in an area of concentration to waive a specific prerequisite requirement.

MC100 Communication, Media and Society

3 credits

This course examines the roles of communication media in society, including the philosophy of mass-mediation and the study of media effects on public issues, social values, and cultural tastes. The course presents an historical overview of the main technologies of communication and surveys the discipline's most salient theoretical paradigms.

MC200 Rhetoric and Society

3 credits

This course provides an introduction to the roots of modern public communication by exploring three basic questions: How do we come to hold our beliefs? How are we persuaded to maintain our beliefs? How are we persuaded to change them? After looking at the ancient quarrel between Plato and the Greek Sophists, the course traces the path of rhetoric into the twentieth century, examining rhetorical areas of social action such as mass movements, propaganda, cults and brainwashing. We also investigate the arguments made by those who claim that the modern mass media hold great powers of persuasion over their audiences.

MC211 Journalism I

3 credits

Students learn and practice basic skills essential to effective news writing. Ethics and current issues in journalism are discussed in depth. *Prerequisite:* MC100.

MC212 Broadcast Journalism

3 credits

A foundational course designed for students to learn the essential skills for producing broadcast news: how to procure and develop sources, fundamentals of beat reporting, developing news judgment, and broadcast writing technique including writing to video. *Prerequisite:* MC211.

MC221 Media Programming

3 credits

An introductory course for those students interested in developing skills in radio, television, and cable programming. This course provides a survey of the programming strategies and tactics used by the electronic media to reach targeted audiences effectively. *Prerequisite:* MC100.

MC222 Organizational Communication

3 credits

The course focuses on the group context of communication, especially as it is employed in

organizations. Organizational communication theory, research, and the role of gender in organizations are among topics explored in this course. *Prerequisite: MC100.*

MC230 Introduction to Media Production

3 credits

This course is designed to introduce students to the techniques of media production by familiarizing students with the basic operations of: audio recording equipment, single-camera video production equipment (camcorders and editing units) and the television studio. Each student will gain experience in the pre-production (planning, writing, scheduling, casting), production (shooting, recording), and post-production (editing, audio sweetening) of various single-camera genres.

MC242 Principles of Media Literacy

3 credits

This course focuses on media literacy as a perspective from which we view media messages. It proceeds from the basic awareness that all media consumption is fundamentally an exercise in interpretation and leads up to the abilities to critically appreciate diverse media messages and to accept social responsibility for the engagement with media producers.

MC252 Journalism II

3 credits

Students polish reporting and writing skills while exploring such topics as the “new media” and tackling journalism’s latest dilemmas. *Prerequisite: MC211.*

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.*

MC281 Understanding Film

3 credits

This course examines film as a cultural text, focusing on aspects such as genre, movement, and style. Both formulaic and avant-garde approaches are studied. *Prerequisite: MC100.*

MC282 Visual Communication

3 credits

A visual literacy course dealing primarily with electronic media and film. We explore the theory and practice of visual communication by studying the principle components of modern visual media – language, pictures, and sound. *Prerequisite: MC100.*

MC294 Interpersonal Communication

3 credits

This course focuses on face-to-face communication, its distinct aspects, and the ways in which it is affected by an increasingly mass-mediated cultural environment. The course assists students in improving their own interpersonal communication skills and relationships through specialized collaborative learning exercises. *Prerequisite: MC100.*

MC301 Media Criticism

3 credits

This course examines the most important methodologies currently being used to critique the mass media. The media are studied as social, cultural, and political commentary, as well as art, within the broad field of mass communication. *Prerequisites: MC100, MC200.*

MC304 Media Law

3 credits

This course is designed to study the role and application of law in the field of mass communication. A variety of issues are discussed, including how the law is currently being applied to issues of privacy, libel, speech, and access. *Prerequisites: MC100, MC200.*

MC311 Advanced Broadcast Journalism**3 credits**

This course concentrates on writing to video, fundamentals in gathering sound and shot selection for news video, producing video reporter-packages, voice-overs, and enterprise reporting.

Prerequisites: MC212, MC230.

MC321 Media Policy and Economics**3 credits**

This course focuses on the relationships between government policy, media economics, and how the public is served by the media. *Prerequisite:* MC222.

MC331 Single-Camera Production**3 credits**

This intermediate course is designed to further develop the students' conceptual and technical skills in single-camera video production. Students will take part in all stages of the production of ENG (Electronic News-Gathering) and EFP (Electronic Field Production) programs. Each student will gain experience in the pre-production (planning, writing, scheduling, casting), production (shooting, recording), and post-production (editing, audio sweetening) of various single-camera genres. *Prerequisite:* MC230.

MC332 Multi-Camera Production**3 credits**

This intermediate course is designed to further the student's understanding of studio-based video production. It focuses on honing the students' abilities to produce, direct, and crew multi-camera television productions. The students will create two television shows, and take them from conception to "on-air" delivery in a live-to-tape format. By working at various crew positions the student will learn both the technical duties and the group dynamics that go into producing successful programs. *Prerequisite:* MC230.

MC341 Media and Culture**3 credits**

This course seeks to foster a greater appreciation and understanding of the impact that the mass media exert on society. It emphasizes especially the power of mediated imagery with regard to race, gender, and class and the ways in which media representation can serve to either reify or subvert existing practices of social stratification and control. *Prerequisite:* MC242.

MC342 Mass Communication Theory**3 credits**

This course engages specific models and concepts that guide both the production and the consumption of mass-mediated messages. To perfect media literacy skills, students will explore the body of research which describes the specific and cumulative effects that the mass media exert on individual media consumers and on society at large. *Prerequisite:* MC242.

MC351 Television News Producing**3 credits**

This course focuses on producing a complete 15-minute newscast, twice weekly, simulating a newsroom atmosphere that incorporates producing, reporting and anchoring skills and introduces live reporting. *Prerequisite:* MC230.

MC352 Feature News Writing**3 credits**

Students will learn and practice all steps involved in becoming a successful newspaper feature writer. In addition, students will learn how to market freelance features and how to write features for magazines and trade journals. *Prerequisite:* MC252.

MC353 Environmental Journalism**3 credits**

This course explores the broad range of environmental journalism through reading, research and writing. Students will employ the interviewing and fact-gathering of basic journalism while also practicing the more advanced techniques of narrative and personal-point-of-view journalism. Some classwork will take place outofdoors. *Prerequisite:* MC211.

MC364 Media Marketing**3 credits**

This course will provide a survey of basic broadcast sales and marketing techniques for students who wish to pursue careers in this area. *Prerequisite:* MC221 or permission of instructor.

MC374 Audio Production**3 credits**

This course is designed as an introduction to the basic theories and practices of audio production. Exploration of basic production techniques for radio production and audio in film/video and new electronic media through a series of production exercises and assignments designed as concept building blocks. *Prerequisite: MC230.*

MC373 Sports Broadcasting**3 credits**

A course for students interested in a career in the sports broadcasting profession. Students will be exposed to the theories and practices of reporting sports for both radio and television. The course will provide an historical perspective of the field, as well emphasize the development of skills and techniques to develop and deliver a sports broadcast. *Prerequisites: MC211, MC230.*

MC382/WS382 Women in Media Representation**3 credits**

This course is devoted to the critical analysis of representations of women in normative mass media content. It proceeds from the knowledge that gender roles are highly differentiated across all forms of modern mass communication and focuses especially on the repetitive process of unidimensional signification of women in the realm of popular culture discourse. *Prerequisite: MC200.*

MC384 Persuasion Through Media**3 credits**

This course covers the analysis and understanding of persuasive mass communication used to alter others' beliefs and actions in various contexts. The course examines discourse in the most powerful contemporary practices of persuasion, including political communication, legal communication, and public relations. *Prerequisite: MC200.*

MC400 Senior Seminar**3 credits**

This topics course provides seniors with the opportunity to engage in current issues affecting the discipline and pays particular attention to the connections between mass communication and currents in other areas of academic inquiry. As their final common learning experience, the seminar seeks to let students integrate their acquired general expertise in the field with the learning that has occurred in their respective areas of concentration. *Prerequisites: MC301, MC302.*

MC412 Advanced Journalism Seminar**3 credits**

This course is dedicated to producing a final project within the student's selected news medium, and to developing a portfolio or resume tape that showcases the culmination of study and practice within the concentration. *Prerequisite: MC311.*

MC422 Media Management**3 credits**

This course will offer a review of management techniques and theories necessary for the successful management of television, radio, and cable broadcast operations. *Prerequisite: MC321.*

MC431 Advanced Media Production**3 credits**

Students propose extended video projects (dramatic, documentary, or experimental). Students then write, design, produce, direct, and post-produce their projects. The course builds on skills learned in intermediate production courses. *Prerequisites: MC331, MC332.*

MC441 Advanced Media Studies Seminar**3 credits**

This course focuses on the complex diversity of modern communication forms, their multiple levels of personal engagement, and resulting multi-dimensionality in self-conceptions that they demand of the individual. *Prerequisite: MC342.*

MC391, MC491 Internship Journalism**1-6 credits 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. *Prerequisite: MC211.*

MC392, MC492 Internship Media Management**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. *Prerequisite: MC221.*

MC393, MC493 Internship 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 15 credits towards graduation credit. *Prerequisite: MC230.*

MC394, MC494 Internship 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. *Prerequisite: MC242.*

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

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study must be carefully designed by the student in conjunction with the faculty sponsor and must meet with the approval of the Division Chair. To be eligible for independent study, students typically must have a cumulative GPA of 3.0 or higher and possess the appropriate study habits and time management skills to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or the office of the Division Chair. Course numbers are assigned based on the level of difficulty of the course proposal. *Prerequisite: Permission of a full-time faculty member.*

Mathematics (MT)

PROFESSORS: Normand A. Dion, Carl T. Brezovec

ASSOCIATE PROFESSOR: John A. Valente

A Bachelor of Arts degree is offered in Mathematics.

A major and a minor are offered in Mathematics

The major in Mathematics offers students a liberal arts background in mathematics, which will serve as preparation for graduate school or for positions in business, industry, or education.

Departmental honors in Mathematics require a 3.00 grade point average in Mathematics and Computer Studies courses, with no grade lower than C. High honors in Mathematics require a 3.50 grade point average, with no grade lower than C.

Students who intend to teach Mathematics in high school should refer to page 66 for information on the secondary teacher certification program.

Major Requirements

In addition to the Individual and Community curriculum (page 105), a minimum of 44 credits in the major must be completed successfully with a grade point average of at least 2.00.

MT221 Calculus I

MT222 Calculus II

MT260 Statistics

MT311 Linear Algebra

MT321 Calculus III

MT330 Differential Equations

MT361 Modern Algebra I

MT380 Mathematics Seminar

MT481 Senior Project

CS101 Introduction to Computers

CS___ Upper Level Computer Course

3 Mathematics Electives at the 200 level or above

Minor Requirements

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

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum(page 105). 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		Spring Semester	
IC105	College Writing I	IC106	College Writing II
CS101	Introduction to Computers	MT222	Calculus II
IC101	Individual and Community	CS__	Computer Course
MT221	Calculus I	_____	Elective
_____	Elective	_____	Elective

Sophomore Year

Fall Semester		Spring Semester	
IC210	American Experience	IC260	Twentieth Century
IC205	Experiencing the Arts	IC204	Portfolio Assessment Seminar
MT321	Calculus III	MT311	Linear Algebra
PH101	Physics I	MT260	Statistics
_____	Elective	PH102	Physics II

Junior Year

Fall Semester		Spring Semester	
IC305	Science of Society I	IC306	Science of Society II
IC310	Ancient & Medieval Worlds*	IC360	Reason & Romanticism*
MT380	Mathematics Seminar	MT330	Differential Equations
MT__	Mathematics Elective	MT__	Mathematics Elective
_____	Elective	_____	Elective

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

Senior Year

Fall Semester		Spring Semester	
IC410	Senior Liberal Arts Seminar	MT481	Senior Project
MT361	Modern Algebra I	MT__	Mathematics Elective
MT__	Mathematics Elective	_____	Elective
MT__	Mathematics Elective	_____	Elective
_____	Elective	_____	Elective

Mathematics Curriculum

IC201 Foundations of Mathematics 3 credits
The major goal of the course is to promote critical thinking by aiding the student to state problems clearly, to sort out the relevant from the irrelevant, to abstract common properties from individual situations, and to argue coherently. Students are exposed to good reasoning processes through an introduction to mathematical concepts. *Prerequisite: Passing grade on Placement Exam.*

MT151–152 Algebra and Trigonometry I and II 3 credits each
These courses 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

This course provides an introduction to the mathematics of computing. Concrete topics include number systems, sets, functions, and relations. An exposure to abstract thinking is gained through the study of logic and proofs.

MT212 Discrete Structures

3 credits

This course includes both concrete topics such as combinatorics and Boolean Algebra as well as the abstract topic of graph theory. Students are required to do proofs using induction.

Prerequisite: MT211.

MT221–222 Calculus I and II

4 credits each

The real power of calculus, the Fundamental Theorem of Calculus, is developed early in the course. A combination of the intuitive and theoretical approaches to the fundamental concepts of single variable calculus is used throughout. *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.*

MT305 History of Mathematics

3 credits

This course is a study of the development of mathematics from the early Egyptian and Greek civilizations through the nineteenth century. There are three important components to the course: historical, biographical and mathematical. Students do mathematical problems of the times using the tools and knowledge appropriate for that period. *Prerequisite: MT221.*

MT311 Linear Algebra

3 credits

Vector spaces, matrices, and their uses. *Prerequisite: MT222.*

MT315 College Geometry

3 credits

Analysis of axiomatic systems. Euclidean and non-Euclidean as well as finite and infinite systems using axiomatic approaches. *Prerequisite: MT222.*

MT321 Calculus III

3 credits

Advanced calculus, series, multiple integration, partial differentiation, differential equations. *Prerequisite: MT222.*

MT330 Introduction to Differential Equations

3 credits

Solution of elementary differential equations. How differential equations are used to model real-world processes. First-, second-, and higher-order linear differential equations. *Prerequisite: MT321.*

MT361 Modern Algebra I

3 credits

A thorough study of finite, infinite, abelian, and cyclic groups. Cosets, normal subgroups, and factor groups. Homomorphisms, isomorphisms, and the Jordan-Holder Theorem. *Prerequisite: MT222.*

MT362 Modern Algebra II

3 credits

Continuation of MT361 with focus on rings and fields. Topics include integral domains, ideals and quotient rings, and extension fields. *Prerequisite: MT361.*

MT373 Probability and Mathematical Statistics

3 credits

Topics covered will include the fundamental concepts of probability, including conditional and marginal probabilities; discrete and continuous random variables, including the binomial; hypergeometric, Poisson, and normal random variables; mathematical expectations and moment-generating functions; and the applications of probability to such statistical topics as sampling distributions, confidence intervals, and/or tests of hypotheses. *Prerequisite: MT222.*

MT375 Introduction to Operations Research**3 credits**

An introduction to the mathematics and applications of operations research, including a discussion of modeling, linear programming, integer programming, and network algorithms.

Prerequisite: MT222; MT311 recommended.

MT380–381 Mathematics Seminar**3 credits each**

An exploration of current issues and interesting problems in mathematics such as Chaos and Fractals, Game Theory, Number Theory, etc. Discussion, problem solving and student presentations.

MT421 Introduction to Mathematical Analysis**3 credits**

A rigorous treatment of the topics in elementary Calculus, including the structure and properties of the real numbers, sequences, functions, limits, continuity, the derivative and Riemann integral and Taylor's theorems. Additional topics will include measurable sets and their properties, continuous functions on metric spaces, and completeness, compactness, and connectedness. *Prerequisites:* MT311 and MT330.

MT481 Senior Project**3 credits**

Required of all mathematics majors. The student defines a problem or objective in consultation with a department advisor and proceeds with the research. The finished thesis or project is then submitted to and defended before a faculty panel. *Prerequisite:* senior standing.

MT299, 399, 499 Independent Study in Mathematics**2–3 credits each**

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

Modern Languages (LF, LS)

LECTURER: Miriam Lockhart

A minor is offered in Spanish.

The language program provides a solid foundation in speaking, listening, reading, and writing, and a broad approach to cultural heritage and literature. The program promotes the study of language as a self-sustaining discipline and a life skill.

To this end the College encourages students in all departments to make their language studies concurrent with work in their major disciplines. Advanced and specialized topics in language and literature, including period and genre courses, are offered under the heading of The Language Seminar.

Students who wish to register for a language already studied in high school must register for at least the intermediate level if they have completed successfully two or more years of that language in high school. However, they may choose to register for the elementary level of a language other than the one studied in high school.

The first two months of LF201 and LS201 consist of an intensive and comprehensive review of the elementary level.

Minor Requirements

One may minor in Spanish by successfully completing 18 credits in the language, at least 15 of them (5 courses) beyond the intermediate (200) level.

In Spanish, the courses beyond the intermediate level are to be distributed as follows:

One course on the Spanish Golden Age: LS401, 431, 432, 435, or 436

One course in Contemporary Spanish or Spanish-American Literature: LS405, 406, 415, 416, 421, or 455

One course in Colonial or Contemporary Spanish-American Literature: LS406 or 408

One course in Eighteenth or Nineteenth Century Spanish Literature (Neo-Classicism, Romanticism, and Modernism): LS422, 450, or 455

One course in Spanish Literature of the Middle Ages or Hispanic Culture and Civilization: LS312 or 402

Note: *LS321 or 322, Survey of Hispanic Literatures, may be substituted for one of the last two groupings listed above.*

Required for Graduation:

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

French Curriculum

LF101–102 Elementary French I and II

3 credits each

Introduction to the language, with emphasis on speaking, writing, listening, and reading.

LF201–202 Intermediate French I and II

3 credits each

Review of the elements of communication skills with emphasis on oral and written expression. Particular attention is given to grammar, pronunciation, and the reading and understanding of literary texts in a contemporary setting. Conducted primarily in French. *Prerequisite: LF102.*

LF301 Advanced French

3 credits

The building of vocabulary by imagining common life situations and finding expressions appropriate for them. For students who have a solid grasp of French grammar. *Prerequisite: LF202 or permission of the instructor.*

LF299, 399, 499 Independent Study in French

3 credits each

Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic can include specialized language study or projects in Francophone social and cultural studies.

Spanish Curriculum:

LS101–102 Elementary Spanish I and II

3 credits each

Basic oral and written proficiency for daily communication, with an emphasis on the 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.*

LS217 Spanish and Latin American Literature in Translation

3 credits

A study of the works of major writers from Spain and Latin America including Borges, Garcia-Marquez, Lorca, Neruda, etc. Texts and discussion are in English.

LS230 Spanish Language for Business and Latin American Business Culture

3 credits

A study of the vocabulary and terms used in doing business with the Spanish-speaking world in addition to a study of the cultural differences existing between the Latin American and the U.S. style of doing business.

LS301 Advanced Spanish Conversation and Composition

3 credits

A course for students who have passed the intermediate level, with intensive drills in conversation and composition in order to achieve a mastery of correct oral and written expression in Spanish. *Prerequisite: LS202.*

NOTE: *LS301 or permission of the instructor is prerequisite to the following courses:*

LS312 Hispanic Culture and Civilization

3 credits

A comprehensive survey of Hispanic cultures. The Spanish culture and civilization will be offered in even-numbered years. The Spanish-American culture and civilization will be offered in odd-numbered years.

LS321–322 Survey of Hispanic Literature I and II

3 credits 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.

The Spanish Seminar

3 credits each

Courses of advanced and specialized content are offered in response to student interest. Other seminars, not listed, may be offered according to students' needs.

Courses frequently offered include:

- LS401 Golden Age (Renaissance and Baroque, sixteenth and seventeenth centuries)
- LS402 Middle Ages and Pre-Renaissance (eleventh through fifteenth centuries)
- LS405 The Generation of 1898 and After
- LS406 Contemporary Spanish-American Literature
- LS408 Spanish-American Literature (Colonial Period)
- LS415 Contemporary Spanish Drama and Poetry
- LS416 Contemporary Spanish Novel and Prose
- LS421 Generation of 1898
- LS422 Neo-Classicism, Romanticism and Realism (eighteenth and nineteenth centuries)
- LS431 The Spanish Picaresque Novel
- LS432 Spanish Mysticism and Asceticism
- LS435 Don Quixote de la Mancha
- LS436 Drama and Poetry of the Golden Age
- LS450 Spanish Novel of the Nineteenth Century
- LS455 Neo-Classic and Romantic Drama and Poetry

LS299, 399, 499 Independent Study in Spanish

3-6 credits each

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

Music (MU)

PROFESSOR: David E. Brandes

ASSOCIATE PROFESSOR: Paul E. Scharfenberger

SENIOR LECTURER: Laurel E. Browne

LECTURERS: Nathan Davis, Robert Johnson, Denise G. Nolan, Floyd Oster,
Richard L. Page, Cornelia Schwartz, James Sharrock, Jared Stolper

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. MIDI (Music Instrument Digital Interface) applications are included in the course offerings. The program enlarges the scope of artistic awareness for students in other departments. Concerts, which offer the opportunity for a maximum number of students to experience public performance, are given each semester. An audition must be

passed for acceptance into the Performance Concentration. A cumulative grade point average of 2.0 must be maintained in required music courses in order to remain in the major. Students contemplating graduate study are urged to follow the performance concentration.

Major Requirements

There are two areas of concentration in music, performance concentration and professional concentration. In addition to these, all students must complete the Individual and Community Curriculum (see page 105).

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

Students who are not prepared to enter Theory of Music I are required to take MU150 Fundamentals of Music.

Piano majors must take two semesters of another instrument instead of the piano requirement.

Students in both tracks must participate in a performance seminar at the end of every semester of private instruction, to demonstrate progress in their major instrument. This seminar will count towards the private instruction grade for students in the performance concentration. Students in the Professional Concentration are expected to use their music electives to prepare for the Senior Project.

Minor Requirements

MU151, 152	Theory of Music I, II	6	credits
MU201, 202	History of Western Music I, II	6	
Three semesters of private instruction	on one instrument	6	
Three semesters of ensemble		3	
One music elective	200 level or higher	3	
		24 credits	

Required for Graduation:

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

Recommended Curriculum Guide: Performance Concentration

Freshman Year

Fall Semester

IC101	Individual and Community
_____	Laboratory Science I
IC105	College Writing I
MU__	Private Instruction
MU__	Ensemble
MU150	Fund. of Music (if necessary)

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
MU__	Private Instruction
MU103	Piano
MU__	Ensemble
MU151	Theory of Music I

Sophomore Year

Fall Semester

IC210	Experiencing the Arts
IC205	American Experience
MU152	Theory of Music II
MU__	Private Instruction
MU104	Piano
MU__	Ensemble

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
MU251	Theory of Music III
MU__	Private Instruction
MU__	Ensemble
_____	Elective

Junior Year

Fall Semester

IC310	Ancient & Medieval Worlds*
IC305	Science of Society I
MU252	Theory of Music IV
MU__	Private Instruction
MU201	Music History I
MU__	Ensemble

Spring Semester

IC360	Reason & Romanticism*
IC306	Science of Society II
MU__	Private Instruction
MU216	Ear Training
MU202	Music History II
MU__	Ensemble

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
MU__	Private Instruction
MU215	Computer Music I
MU__	Ensemble
_____	Electives - 6 credits

Spring Semester

MU450	Senior Recital
MU310	Computer Music II
MU__	Ensemble
_____	Electives - 8 credits

Recommended Curriculum Guide: Professional Concentration

Freshman Year

Fall Semester

IC101	Individual and Community
_____	Laboratory Science I
IC105	College Writing I
MU__	Private Instruction
MU__	Ensemble
MU150	Fund. of Music (if necessary)

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
MU__	Private Instruction
MU__	Ensemble
MU151	Theory of Music I
_____	Elective

Sophomore Year

Fall Semester

IC210	Experiencing the Arts
IC205	American Experience
MU152	Theory of Music II
MU__	Private Instruction
MU__	Ensemble
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment
MU251	Theory of Music III
MU__	Private Instruction
_____	Elective

Junior Year

Fall Semester

IC310	Ancient & Medieval Worlds*
IC305	Science of Society I
MU252	Theory of Music IV
MU215	Computer Music I
MU201	Music History I

Spring Semester

IC360	Reason & Romanticism*
IC306	Science of Society II
_____	Elective
MU310	Computer Music II
MU202	Music History II

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
MU__	Music Elective
MU103	Piano
MU__	Ensemble
_____	Electives - 6 credits

Spring Semester

MU451	Senior Project
MU__	Music Electives - 6 credits
MU104	Piano
MU__	Ensemble
_____	Elective

Music Curriculum

Music Theory Courses

MU150 Fundamentals of Music 3 credits

An introductory course in the elementary materials of music, including notation, meter, scales, intervals, triads, terminology and other rudiments of reading and writing music.

MU151 Theory of Music I 3 credits

A study of triads and their inversions, writing and analysis of basic four-part diatonic chord progressions, melodic writing and analysis, harmonizing simple melodies and the dominant seventh chord. Includes a laboratory section to study sight-singing and aural perception skills.

Prerequisite: MU150 or permission of instructor.

MU152 Theory of Music II 3 credits

A continuation of Theory of Music I, including a study of seventh chords, non-harmonic tones, altered and borrowed chords, elementary modulation through secondary dominants and pivot chords. *Prerequisite:* MU151 or permission of instructor.

MU251 Theory of Music III 3 credits

A continuation of Theory of Music II including diminished seventh chords, augmented triads, Neapolitan sixth, ninth, eleventh and thirteenth chords, and advanced modulation. *Prerequisite:* MU152.

MU252 Theory of Music IV 3 credits

A study of musical forms and their development through analysis of representative works. An introduction to twentieth century compositional devices and analysis. *Prerequisite:* MU251.

Music History Courses

MU101 Introduction to Western Music 3 credits

Non-technical in nature, this course explores how a composer communicates to a listener and how form and style are created. Different types and styles of music from various eras are studied.

MU201 History of Western Music I 3 credits

A survey of music from its origins through the Baroque period. Major composers and their works are discussed and experienced. Special attention is paid to musical developments with related developments in other arts. A technical knowledge of music is presupposed. *Prerequisite:* MU152

MU202 History of Western Music II 3 credits

A survey of music from the Rococo to the present. Major composers and their works are discussed and experienced. Special attention is paid to musical developments with related developments in other arts. A technical knowledge of music is presupposed. *Prerequisite:* MU152

MU210 Women and Music **3 credits**
 Women and Music examines the contributions of women to musical culture through western history and in our contemporary world. Topics explored are women composers, performers, patrons and musical images of women. Genres include classical, jazz, blues, rock, country and hip-hop.

MU212 Jazz History **3 credits**
 This uniquely American art is traced from its humble beginnings in the work songs and spirituals of the Old South to ragtime and the early years of New Orleans Dixieland, to the sophisticated, multifaceted jazz of today.

MU213 Popular Musical Culture Since Bill Haley **4 credits**
 The impact that music has had on the popular culture of North America and Western Europe since the mid-1950s. The growth and diffusion of popular music since the beginning of "rock'n'roll." Concurrent historical events and movements are studied in some detail as are trends in other arts. Course meets four hours per week.

MU214 World Music **3 credits**
 A survey of the music of the world other than western art and popular music. The place of music in societies and its connections with other arts. The music of primitive cultures, the music of the high cultures of Asia, and the folk music of western cultures.

Music History Period Courses

MU311 Music of the Middle Ages	3 credits
MU312 Renaissance Music	3 credits
MU313 Baroque Music	3 credits
MU314 Music of the Classical Period	3 credits
MU315 Romantic Music	3 credits
MU316 Music of the Twentieth Century	3 credits

Intensive studies of the music of specific eras. Technical analysis of the various styles within each period, with particular emphasis on the major composers of the time. Parallel development in other arts during each era. *Prerequisites: MU201, 202.*

Performance Courses

Applied Music (Fee for Non-Majors)

MU103-104, 203-204, 303-304, 403, 404	Piano I-VIII	2 credits 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

Ensembles

MU147-148, 247-248, 347-348, 447-448	Brass Ensemble I-VIII	1 credit each
MU161-162, 261-262, 361-362, 461-462	Flute Ensemble I-VIII	1 credit each
MU163-164, 263-264, 363-364, 463-464	Saxophone Ensemble I-VIII	1 credit each

MU165–166, 265–266, 365–366, 465–466	Percussion Ensemble I–VIII	1 credit each
MU167–168, 267–268, 367–368, 467–468	Jazz Ensemble I–VIII	1 credit each
MU171–172, 271–272, 371–372, 471–472	Renaissance Ensemble I–VIII	1 credit each
MU173–174, 273–274, 373–374, 473–474	Contemporary Music Ensemble I–VIII	1 credit each
MU181–182, 281–282, 381, 382–481–482	Guitar Ensemble I–VIII	1 credit each
MU191–192, 291–292, 391–392, 491–492	Choral Union I–VIII	1 credit each

MU216 Ear Training

3 credits

Ear Training develops aural and music reading skills through dictation and singing of simple to complex rhythms and intervals, diatonic scale patterns to chord progressions. *Prerequisite: MU151.*

Ensembles

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.*

MU167–168, 267–268, 367–368, 467–468 Jazz Ensemble I–VIII **1 credit each**

The Jazz Ensemble is open to all musicians in the College community, with or without previous jazz experience.

Our repertoire consists of combo style jazz, featuring composers of the 1940s to the present. Improvisation is emphasized and student composition and arrangements are encouraged. *Prerequisite: permission of instructor.*

MU171–172, 271–272, 371–372, 471–472 Renaissance Ensemble I–VIII **1 credit each**

Renaissance Ensemble is a small, select group of vocalists and instrumentalists which performs in costume the music and dance of the Middle Ages and Renaissance. Instrumentalists may perform on available early instruments including the recorder and harpsichord. Public performances are given each semester on and off campus. Renaissance Ensemble is open to qualified students, faculty, and staff for credit or non-credit. *Prerequisite: audition.*

MU173–174, 273–274, 373–374, 473–474 Contemporary Music Ensemble I–VIII **1 credit each**

Contemporary Music Ensemble explores the musical literature of living composers, local composers and the music of the avant-garde of the 1950s and 1960s. Student compositions may be included at the discretion of the director. *Prerequisite: permission of instructor.*

MU181–182, 281–282, 381–382, 481–482 Guitar Ensemble I–VIII **1 credit each**

The Guitar Ensemble is a small group of auditioned guitarists, bass guitarists and occasionally other instrumentalists. Repertoire includes classical, jazz, blues, folk, popular arrangements and works composed or arranged by the instructor or students. Guitar Ensemble is open to qualified students, faculty, and staff for credit or non-credit. *Prerequisite: permission of instructor.*

MU191–192, 291–292, 391–392, 491–492 Choral Union I–VIII **1 credit each**

Choral Union is a mixed choral ensemble rehearsing and performing choral literature. Instruction in ear training and technical principles of performance are included. A concert is given at the end of each semester. The course is designed to give the maximum number of people an opportunity to experience musical performance. Choral Union is open to all students for credit or non-credit. No prior performance experience is necessary. However, minimal singing ability is required.

Music Technology

MU215 Computer Music Applications I

3 credits

An integrated introduction to the computer music studio. Students will learn basic compositional techniques to facilitate the use of sequencing and notation software, various MIDI devices and introductory principles of synthesizer programming. *Prerequisite: MU150, or permission of instructor.*

MU310 Computer Music Applications II

3 credits

Designed to develop the skills learned in Computer Music I to an advanced level. Digital sampling, recording and electro/acoustic theory are among the new topics introduced as students perfect their compositional technique and studio expertise. *Prerequisite: MU215.*

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
MU351	Orchestration	3 credits
MU352	Form and Analysis	3 credits
MU353	Basic Conducting	3 credits
MU401	Seminar in Music	3 credits
MU499	Independent Study in Music	3 credits

Other Music Courses

MU100 Recorder for the Classroom Teacher

1 credit

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

Non-Traditional (NT)

NT412 Walk in Europe

15 credits*

Each year, a group of FPC students will be chosen for an extended semester walk, usually across some part of Europe. The group will meet at regular intervals during the year before departure for discussions, assessment of readings from our book list, and planning in preparation for the venture.

During a summer session prior to the Walk each student must take two courses: Language for Travelers (covers the rudiments of practical communication skills in applicable languages), and the Walk Seminar (a lecture/discussion course that introduces a wide range of philosophy, literature, and history to enhance the Walk experience). Each student will also finalize plans for an independent study related to his/her major (to be completed after the Walk).

The Walk itself generally covers about fifteen miles each day, and students share equally in daily chores including shopping, setting up the tent, cooking, etc. In this way, the Walk combines tremendous freedom and responsibilities for its participants. *Prerequisite: sophomore, junior, or senior status; details are available from the Humanities Division Chair.*

Fall

* May be taken for credit only one time

For information on London Program, see page 7.

For information on the Washington Center for Internships and Academic Seminars, see page 11.

Philosophy (PA)

SENIOR LECTURER: Jed Donelan

LECTURERS: Marybeth Amodio, Anthony Dangelantonio, Ralph Hjelm

A minor is offered in Philosophy.

A philosophy minor, or any course in philosophy and religious studies, is an invaluable contribution to all curricula. The pursuit of philosophy enriches awareness of the roots of our Western heritage and traditions, fosters openness to other traditions, and develops skills in critical thinking, reading and writing. The Franklin Pierce philosophy program combines traditional courses in the history of philosophy with interdisciplinary courses that highlight philosophy's practical contributions and adds in-depth seminars on particular thinkers and topics. Courses in religious studies analyze, in the context of the history of ideas, the development and influence of major religious philosophies and symbol systems from ancient to modern times.

Minor Requirements

The Philosophy Minor requires 18 credits, including Introduction, two history courses (one modern, one not), one "Philosophy at Work" course, one seminar and one elective. No more than two Religious Studies courses may count toward the minor.

Philosophy Curriculum

Introductory Courses

PA101 Introduction to Philosophy

3 credits

Philosophy (the love of wisdom) is the systematic examination of essential questions. The course examines questions such as: What is Philosophy? What is real (Metaphysics)? How do we know (Epistemology)? What ought we to do (Ethics)? The questions are critically examined in the light of their formulation by influential thinkers and their relevance to contemporary issues.

PA105 Process of Logical Thinking

3 credits

By means of traditional and contemporary logic, the course examines the principles of valid reasoning, the nature of deduction and induction, types of definition, formal and informal fallacies, and the foundations of language. The course gives special attention to logical exercises and practical application.

History of Philosophy Courses

PA211 Ancient Philosophy

3 credits

A survey of Greek philosophy from Thales to Aristotle. Beginning with the natural philosophy

of the pre-Socratics, the course moves through the idealism of Socrates and Plato to the broad concerns, material and ideal, of Aristotle. *Prerequisite: PA101 or permission of instructor.*

PA212 Medieval Philosophy

3 credits

An examination of the major philosophical developments of the medieval era from late Hellenism to the Renaissance. Special attention will be given to such notable thinkers as Plotinus, Augustine, Eriugena, Anselm and Thomas Aquinas and to their influence on Western philosophy and culture. *Prerequisite: PA101 or permission of instructor.*

PA214 Modern Philosophy I

3 credits

This course covers the philosophical developments of the 17th and 18th centuries, a time when our modern ideas of science, individuality and democracy began to take shape. We will focus primarily on the epistemological question "How do we know what we know?" but will also give attention to the moral question "How ought we to act?" By the end of this course students will have a better understanding of the conceptual origins of the contemporary world. *Prerequisite: PA101 or permission of instructor.*

PA216 Modern Philosophy II

3 credits

This course covers recent and contemporary philosophical movements as well as their roots in 19th century thought. Readings and discussions will center on the existentialism of Sartre and Heidegger, the pragmatism of William James and John Dewey, the linguistic philosophy of Ayer and Wittgenstein, and on such recent developments as phenomenology, feminism and deconstructionism. *Prerequisite: PA 101 or permission of instructor.*

Philosophy at Work Courses

PA209/S0209 Ethics

3 credits

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

PA210/P0210 Political Theory

3 credits

Considers major political philosophical systems with emphasis on the relationship of theory to practice in historical context. Important theories, such as the concept of natural law, traced from the stoics to Karl Marx and beyond, will be investigated. Intensive review of other modern political concepts and experiments will be included. *Crosslisted with Political Science.*

PA306/ES306 Philosophy of Science and Nature

3 credits

This course investigates the human relationship with nature, how humans define nature, and how they interact with it. The course will have three major thematic sections: 1) the scientific understanding of this relationship-its historical origins and practical consequences; 2) ethical issues arising from this understanding; 3) the critical examination of new paradigms that might better explain this relationship (or not). *Crosslisted with Environmental Science as a requirement in the Environmental Ethics area of emphasis.*

Advanced Seminars

PA302 Seminar on a Philosophical Topic

3 credits

This seminar will concentrate on one of the perennial themes dealt with by the philosophical tradition. Possible topics include the question of free will, the nature of truth, the nature of goodness, the tradition of existentialism, and the tradition of pragmatism. *Prerequisite: PA101 or permission of instructor.*

PA304 Seminar on a Philosophical Thinker

3 credits

This seminar will concentrate on the work of one of the great figures of the Western Philosophical tradition such as Plato, Aristotle, Hume, Kant, Hegel and Kierkegaard. The course will be

organized around a careful reading of the author's major works, and will include important secondary literature as well. *Prerequisite: PA101 or permission of instructor.*

Religious Studies

RE201 Introduction to Biblical Thought

3 credits

A critical examination of the biblical literature and its various understandings of God, humanity and history from the primitive myths and Hebraic legends to the Judaism of the early Common Era. Special attention is given to the literature of the Laws, Prophetic writings, Political histories, books of Wisdom, and the religious developments at the time of Jesus.

RE206 Eastern Religious Thought

3 credits

A study of the essential religious and philosophical features of Hinduism, Buddhism, the Chinese traditions and Islam. Special attention is given to 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 down to the present day.

RE207 Western Religious Thought

3 credits

A survey of the developments of Western religion from the Post-Biblical Hellenistic era to the Reformation of the sixteenth century. The course starts with the literature dealing with the historical and interpreted Jesus leading to the creedal debates and into the thought and influence of Augustine. This is followed by an analysis of the theological impact of Medieval Scholasticism which concludes with a consideration of the thought of Luther and Calvin. *Can count towards minor as a non-modern historical course.*

RE305 Mythology

3 credits

An examination of myths and mythology as a philosophical and literary expression as well as an essential feature of significant religious and theological historical developments. This course examines by primary and secondary sources classical myths as they originate in Mesopotamian, Egyptian, Hebraic, Greek and Roman traditions. *Prerequisite: one course in philosophy or permission of instructor.*

RE312 Philosophy of Religion

3 credits

An examination of major conceptual claims and issues that have developed throughout Western religious thought: the existence and nature of God, revelation and reason, religious knowledge and language, the problem of evil, the nature of religious experience, and the problem of religious pluralism. *Prerequisite: PA101 or permission of instructor. Can count toward minor as a seminar.*

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

This course is designed to use observations, lectures, demonstrations, problem-solving and model-building techniques to develop the basic concepts of astronomy. Concentrating on the earth and its position in the solar system, the motion and characteristics of the moons, planets, asteroids, comets and our sun will be studied. The student will learn to locate constellations, and be introduced to other topics such as the birth and death of stars, galaxies, and black holes. Naked eye and telescopic observations will be a major component of the course.
Prerequisite: Completion of the core science requirement.

Political Science (PO)

PROFESSORS: George J. Hagerty, Robin F. Marra

ASSISTANT PROFESSOR: Frank S. Cohen

LECTURERS: Deborah Arnesen, Anthony Dangelantonio, 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, journalism, and 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.

PO200 Political Science Research Methods

PO410 Senior Research Seminar in Political Science

Three of the following:

PO201 U.S. Government

PO206 Comparative Politics

PO205 Contemporary World Affairs

PO210 Political Theory

Electives

At least six of the following (18 credits), four of which must go to define an area of concentration approved by the student's faculty advisor.

PO311 Topics in Comparative Politics

PO362 Nuclear Weapons and World Politics

PO312 American Political Thought

HS313 U.S. Labor History

PO320 U.S. Social Policy

ET357 Economic Development

PO328 Politics, Public Opinion and Public Policy

MC372 Media Policy and Economics

PO344 Environmental Politics

MN348 Public Administration

PO351 American Presidency

MN426 Government and Business

PO352 Constitutional Law I

SO340 Law and Society

PO353 Constitutional Law II

SO416 Political Sociology

PO360 American Foreign Policy Process

SO421 Poverty and Wealth

PO361 Politics of Military Force

AN317 Third World Problems

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 classes (12 credits) from the following list, including at least *two* 300-level courses in Political Science:

- | | |
|--|---|
| PO110 Political Violence | PO360 American Foreign Policy Process |
| PO111 Politics and Popular Culture | PO361 Politics of Military Force |
| PO200 Political Science Research Methods | PO362 Nuclear Weapons and World Politics |
| PO201 U.S. Government | HS313 U.S. Labor History |
| PO205 Contemporary World Affairs | HS326 The Soviet Union and Successor States |
| PO206 Comparative Politics | HS371 Twentieth Century U.S. Foreign Policy |
| PO210 Political Theory | PA209 Ethics |
| PO310 Political Ideologies | ET338 Urban Economics |
| PO311 Topics in Comparative Politics | ET357 Economic Development |
| PO312 American Political Thought | MC372 Media Policy and Economics |
| PO316 Topics in Political Theory | MN348 Public Administration |
| PO320 U.S. Social Policy | MN426 Government and Business |
| PO325 Public Policy Process | SO340 Law and Society |
| PO328 Politics, Public Opinion and Public Policy | SO416 Political Sociology |
| PO344 Environmental Politics | SO421 Poverty and Wealth |
| PO351 American Presidency | AN317 Third World Problems |
| PO352 Constitutional Law I | |
| PO353 Constitutional Law II | |

Required for graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum (page 105). The normal course load is 15-16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Recommended Curriculum Guide

Freshman Year

Fall Semester

- IC105 College Writing I
- _____ Laboratory Science I
- IC101 Individual and Community
- PO___ 100 or 200 level course
- _____ Elective

Spring Semester

- IC106 College Writing II
- _____ Laboratory Science II
- _____ Elective
- PO___ 200 level course
- _____ Elective

Sophomore Year

Fall Semester

- IC210 American Experience
- IC205 Experiencing the Arts
- PO___ 200 level course
- _____ Elective
- _____ Elective

Spring Semester

- IC260 Twentieth Century
- _____ Mathematics Requirement
- IC204 Portfolio Assessment Seminar
- PO___ 200 level course
- _____ Elective
- _____ Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
_____	Research Methods Requirement
PO__	300 level course
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
PO__	300 level course
PO__	300 level course
_____	Elective

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

Senior Year

Fall Semester

HS410	Senior Research Seminar
PO001	Poli. Sci. Comp. Exam
PO__	300 level course
PO__	300 level course
_____	Elective
_____	Elective

Spring Semester

IC410	Senior Liberal Arts Seminar
PO__	300 level course
_____	Elective
_____	Elective
_____	Elective

Political Science Curriculum

PO001 Political Science Competency Exam

Individualized program of review and study culminating in an oral Political Science competency exam. Required of all Political Science majors.

PO110 Political Violence

3 credits

Political violence occurs in a variety of forms, ranging from organized masses engaged in state-sponsored conflict (i.e., war) to a lone assassin's bullet striking down a national leader. This course examines both these forms and more. Attention is also given to the following question: is there any moral justification for the use of violence in pursuit of a political goal?

PO111 Politics and Popular Culture

3 credits

This course consists of an investigation into the interactions between politics and popular culture in American society. Particular attention will be given to the role of the mass media and the popular arts in the political system. The objective is to draw important political lessons from questions about these relationships between culture and politics.

PO200 Political Science Research Methods

3 credits

This course deals with the application of quantitative and qualitative research methods to the study of political science. Students will learn how to formulate, operationalize, test, and evaluate empirical hypotheses regarding everyday political phenomena.

PO201 U.S. Government

3 credits

An examination of the institutions, participants, and processes that characterize political activity in the United States. Focus is not only on the contemporary nature of American government but also on the original design of the Framers and how it has been implemented over time.

PO205 Contemporary World Affairs

3 credits

This course examines the actors, institutions, and processes that have shaped the political, military, economic, and social life of the planet in the post-World War II era. Particular attention is given to the role of the nation-state and the challenges to it posed by a variety of non-state actors. Major world issues such as overpopulation and ethnic conflict are explored in order to demonstrate that the complexities surrounding these phenomena make their solution problematic within the current global framework.

PO206 Comparative Politics

3 credits

A survey of major governmental systems in various geographic regions of the world, with emphasis on ideology, structure, and political behavior as they characterize these forms of government.

PO210 Political Theory**3 credits**

Major political philosophical systems with emphasis on the relationship of theory to practice in historical context. Important theories, such as the concept of natural law, traced from the Stoics to Karl Marx and beyond. Intensive review of other modern political concepts and experiments.

PO311 Topics in Comparative Politics**3 credits**

This course is an advanced exploration into a specific topic of comparative politics. The topic may cover specific regions of the world or specific foreign countries, 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**

This course explores the development of political ideas in the United States over the course of some four hundred years, from the seventeenth to the late twentieth centuries. The knowledge of the ideas of the statesmen who were the architects of the American system of government is essential if we are to achieve an understanding of present institutions and practices. However, we will also study the writings of others who engage the system as scholars and/or political actors.

PO316 Topics in Political Theory**3 credits**

This course is an advanced exploration into a specific topic of political theory. The topic may be a specific era of political thought (e.g., contemporary, modern, classical, medieval or ancient political theory). The topic may have a particular conceptual focus (e.g., democratic political thought or political thought on gender). The course may focus on a single political thinker (e.g., Machiavelli, Mill, Marx, etc.). Notification of the specific topic can be found in the course registration booklet. The course may be taken more than once under different topics.

PO320 U.S. Social Policy**3 credits**

Examines the development and implementation of national policies and programs in the areas of health, education, civil rights, welfare, and the law. Social and political theories will be used to examine the history of American social policy as well as contemporary and evolving social policy issues and efforts to reform social programs. This course is cross-listed with S0320. *Prerequisite: any PO200 or PO300 level class, or any S0200 level class, or permission of the instructor.*

PO328 Politics Public Opinion, and Policy Making**3 credits**

This course examines the basic workings of public opinion in modern democracy. Attention is given to the origin, measurement, impact, and consequences of this opinion on political processes such as executive/legislative accountability, policy formulation, and other expressions of the "democratic will." Students will also develop skills in the practical application of survey design, administration, and analysis.

PO344 Environmental Politics**3 credits**

This course is designed to develop an understanding of the political components of environmental policymaking. We will study the interactions between the political process and the environment within the public affairs realm. The comparative analysis of countries will be the primary means for investigating these interactions. Therefore, the United States will be one of many countries examined in comparative perspective. Significant attention will also be given to environmental politics under the assumption that international factors, as well as domestic ones, affect the formation of environmental policy. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO351 American Presidency**3 credits**

This course explores the basic historical and institutional evolution of the presidency, from the drafting of the Constitution to the present. Particular attention is given to the resources

and constraints that affect presidential behavior, the process of presidential decision making, and the evaluation of presidential performance. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO352 Constitutional Law I

3 credits

An examination of the invention and development of American Constitutional principles, specifically focusing on the separation of powers, federalism, and the democratic process. While the course will be concerned with what the “law” is (and how it got to be such), it will also focus on the court as a political institution that influences public policies and the rules by which those policies are determined. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO353 Constitutional Law II

3 credits

Study of the development of case law within the broad areas of civil rights and civil liberties. Specific topics include: freedom of expression under the First Amendment, freedom of and from religion, defendants rights, and protections from racial and other forms of discrimination as provided by the Fourteenth Amendment’s guarantee of due process and the “equal protection of the laws.” *Prerequisite: PO352, or permission of the instructor.*

PO360 American Foreign Policy Process

3 credits

The central task of this course will be the identification of: (1) the major actors involved in the American foreign policy process, (2) the goals which they pursue, (3) the resources which they are able to utilize, and (4) the environments or contexts within which these actors must operate. Attention will also be given to case studies and examples that explore the ability of the American foreign policy making process to respond to a variety of internal and external stresses. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO361 Politics of Military Force

3 credits

A study of both the theoretical foundations and practical applications of the use of military force in pursuit of political objectives. Will explore the historical record of these uses and, more importantly, will examine their effectiveness as tools of diplomacy. Specific attention will be given to both the French and U.S. wars in Indochina. The contemporary record of conflict within the Third World is also considered. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO362 Nuclear Weapons & World Politics

3 credits

This course focuses (though not exclusively) on the nuclear rivalry between the United States and the Soviet Union, and on how this rivalry has transformed the nature and conduct of world politics. Attention is also given to the implications stemming from the proliferation of nuclear weapons by developing states. The break-up of the Soviet Union and the safety and security of its nuclear arsenal will be considered. Finally, current and recent proposals will be examined in order to assess the prospects for more effective arms control in the future. *Prerequisite: any PO200 or PO300 level class, or permission of the instructor.*

PO410 Senior Research Seminar

3 credits

Required of all Political Science majors. The seminar will be oriented around a broad topic chosen by the professor and fitted to the research needs of students in Political Science sub-disciplines. *Prerequisite: limited to senior Political Science majors.*

PO299, 399, 499 Independent Study in Political Science

1-3 credits each

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

299, 399 or 499, depending on the level of the course. Independent Study courses may also be taken for 1, 2 or 3 credits.

NOTE: See HS491, Field-based Experience in History and Political Science, for related internship.

Psychology (PS)

PROFESSORS: Davina Brown, William H. Jack, Craig W. Platt

ASSOCIATE PROFESSOR: William B. Flynn, Jr.

ASSISTANT PROFESSOR: Emlee C. Kohler

A 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 3.0 overall grade point average with a 3.25 grade point average in Psychology. A High Honors candidate is required to have an overall 3.0 grade point average with a 3.5 grade point average in Psychology.

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

Major Requirements (42 credit hours minimum)

(In addition to the Individual and Community Curriculum, page 105)

PS101	Introduction to Psychology	Two of the following five laboratory courses:	
PS260	Stat. for the Behavioral Sciences	PS301	Experimental Parapsychology
PS261	Research Methods	PS302	Psychology of Perception
PS420	Theories of Personality <i>or</i>	PS303	Psychology of Learning
PS421	Systems and Theories	PS304	Biological Psychology
PS489	Senior Thesis <i>or</i>	PS306	Cognitive Psychology
PS490–491	Senior Thesis <i>or</i>	One of the following sequences:	
PS495	Senior Internship	BI101 & BI102, <i>or</i> BI101 & AN102, <i>or</i>	
		IC110 & 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
- PS340 Techniques of Counseling I
- PS323 Seminar on Addiction

Required for Graduation:

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

Please note that the Psychology major includes a required sequence of four courses: Behavioral Statistics, Research Methods, and two additional lab courses. Because Behavioral Statistics is a prerequisite for Research Methods, and Research Methods is a prerequisite for the two additional lab 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 Lab courses (PS301, 302, 303, 304 or 306)

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105 College Writing I
IC101 Individual and Community
BII01 Biology I
PS101 Introduction to Psychology
_____ Elective

Spring Semester

IC106 College Writing II
BII02 Biology II
PS_____ Psychology Elective
_____ Mathematics Requirement
_____ Elective

Sophomore Year

Fall Semester

IC210 American Experience
IC205 Experiencing the Arts
PS260 Behavioral Statistics
PS_____ Psychology Elective
_____ Elective

Spring Semester

IC260 Twentieth Century
IC204 Portfolio Assessment Seminar
PS261 Research Methods
PS_____ Psychology Elective
_____ Elective
_____ Elective

Junior Year

Fall Semester

IC305 Science of Society I
IC310 Ancient & Medieval Worlds*
PS_____ PS420 or PS421
PS_____ Psychology Lab Elective
_____ Elective

Spring Semester

IC306 Science of Society II
IC360 Reason & Romanticism*
PS_____ Psychology Elective
PS_____ Psychology Lab Elective
_____ Elective

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

Senior Year

Fall Semester

IC410 Senior Liberal Arts Seminar
PS_____ Psychology Elective
PS489, PS490, or PS495
Thesis or Internship
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
PS261 Research Methods

Statistics (MT260 or PS260)
Fifteen additional credit hours of
Psychology Electives

Psychology Curriculum

PS101 Introduction to Psychology

3 credits

The application of psychological principles of learning, perception, cognition, motivation and social and developmental processes to the understanding of human behavior.

PS155 Psychology of Gender

3 credits

An introduction to and examination of the similarities and differences in males and females in the areas of personality, social behavior, intelligence and cognition. The course focuses on biological, environmental, and cultural causal mechanisms of realities and stereotypes.

- PS211 Psychology of 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**
This course is an introduction to the basic theoretical concepts of the creative arts therapies and to the therapeutic process. Focus will be on dance/ movement, art, music, drama, and poetry therapy approaches. *Prerequisites: PS101, Sophomore status, and one other Psychology course.*
- PS215 Health Psychology** **3 credits**
The objective of this course is to examine the bio-social and psychological factors which influence behavioral health. Particular emphasis will be placed on primary prevention, stress reduction, and the management and treatment of patients with health related illnesses. *Prerequisite: PS101.*
- PS220 Group Dynamics** **3 credits**
The main focus of this course is to help students increase their awareness of self and others. Students will gain an understanding of the theory and structure of group process as a vehicle to increase their leadership and group problem solving ability. Some consideration will be given to group dynamics as a viable therapeutic construct. *Prerequisite: PS101.*
- PS225 Crisis Intervention** **1 credit**
This course will examine several theories of crisis intervention and their application. An understanding of the methods and procedures involved in dealing with suicide, substance abuse intervention, as well as other emergency situations will be explored. *Prerequisite: PS101.*
- PS230 Child and Adolescent Development** **3 credits**
Psychological aspects of human growth and development from conception through adolescence, with emphasis on intellectual, emotional, and personality development. *Prerequisite: PS101.*
- PS231 Adult Development and Aging** **3 credits**
A continuation of PS230, this course examines developmental change in the adult years, from early adulthood through old age. *Prerequisite: PS230.*
- 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 APA 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**

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

PS301 Experimental Parapsychology**4 credits**

A laboratory course. Students utilize scientific methodologies to investigate psychic phenomena in laboratory and field experiments. Research techniques in clairvoyance, precognition, telepathy and psychokinesis are included, with contemporary research in the form of journal articles stressed. Individual work will include completion of an experiment as well as participation in group experiments. *Prerequisite: PS261 (minimum of C-).*

PS302 Psychology of Perception**4 credits**

A laboratory course on the study of human sensory and perceptual systems with emphasis on visual processing. The human sensory and perceptual systems and their relationship to current theories of perception are covered. Each student conducts an individual experiment as well as engaging in class experiments. *Prerequisite: PS261 (minimum of C-).*

PS303 Psychology of Learning**4 credits**

A laboratory course. An evaluation of learning processes from a historical perspective through issues of current interest, and a review of the experimental research in the area. Topics include respondent, operant, physiological and information processing theories of learning. The laboratory provides "hands on" experience with the research; the student is responsible for an original research project. *Prerequisite: PS261 (minimum of C-).*

PS304 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. *Prerequisite: PS261 (minimum of C-).*

PS306 Cognitive Psychology**4 credits**

A laboratory course. This course is designed to familiarize the student with a variety of cognitive processes including attention, memory, language, and 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. *Prerequisite: PS261 (minimum 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 se-

lection, training, and evaluation. The human factors section of the course includes industrial work station design, design of work stations in aircraft, submarines, and spacecraft, and safety engineering. *Prerequisite: PS261.*

PS340 Techniques of Counseling I

3 credits

Acquaints students with psychoanalytical, behavioral, cognitive, and humanistic techniques of counseling. *Prerequisites: 9 credit hours of psychology or sociology.*

PS342 Psychology of Exceptional Children and Youth

3 credits

An examination of the social, intellectual and psychological development of exceptional children and youth. Emphasis will be placed on the young person who is gifted, developmentally delayed, physically handicapped, or emotionally disturbed. *Prerequisites: PS230 and 3 additional credit hours in psychology.*

PS420 Theories of Personality

3 credits

A comparative study of classical and current theories of normal personality structure and development with an examination of supporting case study and empirical research. *Prerequisites: 12 credit hours in psychology.*

PS421 Systems and Theories in Psychology

3 credits

Historical development and contemporary schools of psychology with emphasis on the major schools (systems) of psychology. *Prerequisites: 12 credit hours in psychology.*

PS430 Introduction to Psychopharmacology

4 credits

This course will examine 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
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.*

3–15 credits

PS128, 228, 328, 428 Special Topics in Psychology
A course constructed around a timely issue in psychology, generally in a field of expertise of the respective faculty member facilitating the course. *Prerequisites vary.*

3 credits each

PS298, 398, 498 Readings in Psychology
An opportunity for scholarly and professionally focused independent reading and discussion with a faculty member. *Prerequisites vary.*

1–3 credits each

PS299, 399, 499 Independent Study in Psychology
Independent study offers an opportunity to explore an area of study not included in the catalogue listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. The student will be expected to have a cumulative grade point average of 3.0 and possess the appropriate background and interest to pursue the proposed area of study.

3 credits each

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 majors, business majors seeking to enter technology-related fields, or others who wish to utilize their major in the area of the sciences (e.g., writing, mass communication or graphic communications).

Requirements:

Any six science courses, in three or more disciplines, four of which must be laboratory courses (4 credits each). Integrated Science (IC110-111) may not be used to satisfy the laboratory requirement of the minor. Environmental Science (ES101) and Environmental Laboratory (ES110) together may count as one laboratory course.

Credits: 22-24

Courses recommended for a General Science Minor:

BI101-102 Biology I & II	4 credits each
BI211 Genetics	4 credits
BI231 Animal Behavior	3 credits
BI232 Biophotography	4 credits
BI235 Human Health and Nutrition	3 credits
CH101-102 General Chemistry I & II	4 credits each
ES101 Environmental Science	3 credits
ES110 Environmental Laboratory	1 credit
GL101-102 General Geology I & II	4 credits each
GL205 Environmental Geology	4 credits
IC110-111 Integrated Science I & II	4 credits each
PH101-102 General Physics I & II	4 credits each
PH210 Astronomy	4 credits

Social Work and Counseling (SO, PS)

PROFESSORS: Davina Brown, J. Forbes Farmer, William H. Jack, Craig W. Platt

ASSOCIATE PROFESSORS: Douglas F. Challenger, William B. Flynn, Jr.

ASSISTANT PROFESSOR: Emlee C. Kohler

A 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 child-care, community organizing, residential youth counseling, rehabilitation counseling, and youth employment counseling.

A cumulative grade point average of 2.0 must be maintained in required social work and counseling courses in order to remain in the major.

Honors are accorded the student who has a 3.0 grade point average overall and a 3.25 grade point average in major courses. High Honors are awarded the student who has a 3.0 grade point average overall and a 3.5 grade point average in major courses.

Major Requirements:

(In addition to the Individual and Community Curriculum, page 105)

PS101	Introduction to Psychology	<i>Five of the following:</i>	
SO101	Introduction to Sociology	PS220	Group Dynamics
SO103	Introduction to Social Work	PS231	Adult Development and Aging
SO203	Community Organization	PS300	Theories of Domestic Violence
PS230	Child & Adolescent Development	PS328	Child Maltreatment
PS322	Social Psychology <i>or</i>	PS342	Psychology of Exceptional
PS420	Theories of Personality		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>	SO416	Political Sociology
SO219	Qualitative Research Methods	SO421	Poverty and Wealth
PS495	Senior Internship in Psychology <i>or</i>		
SO495	Senior Internship in Sociology		
SO220	The Family		
SO470	Integrating Theory and Practice		

Minor Requirements:

Seven courses are required to complete a minor in Social Work and Counseling:

SO103	Introduction to Social Work	PS420	Theories of Personality
SO203	Community Organization	PS441	Abnormal Psychology
SO220	The Family	PS451	Techniques of Counseling II
PS230	Child & Adolescent Development		
PS340	Techniques of Counseling I		

And one course from the following group

PS231	Adult Development and Aging	SO305	Social Reality of Aging and Death
PS323	Seminar on Addiction	SO320	U.S. Social Policy
		SO410	Criminology
		SO416	Political Sociology
		SO421	Poverty and Wealth

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

Required for Graduation:

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
SO__	100 Level Sociology Course <i>or</i>
PS101	Introduction to Psychology

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
SO220	The Family
PS260	Statistics for the Behavioral Sciences
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
PS261	Research Methods in Psychology <i>or</i>
SO218	Quantitative Research Methods <i>or</i>
SO219	Qualitative Research Methods
SO203	Community Organization
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
SO322	Social Psychology <i>or</i>
PS361	Theories of Personality
PS230	Child & Adolescent Development
SO103	Introduction to Social Work

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
PS340	Techniques of Counseling I
SO335	Classical Social Theory <i>or</i>
SO336	Contemporary Social Theory
_____	Elective

Spring Semester

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

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
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 149) for course descriptions.

Sociology (SO)

PROFESSOR: J Forbes Farmer

ASSOCIATE PROFESSORS: Douglas F. Challenger, Allan Rachlin

A Bachelor of Arts degree is offered in Sociology

A major and a minor are offered in Sociology.

The program prepares students for graduate study in Sociology and occupations utilizing sociological perspectives and methods.

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

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

Major Requirements

In addition to the Individual and Community Curriculum (page 105), the following courses must be completed successfully.

SO101	Introduction to Sociology	SO470	Integrating Theory and Practice
SO218	Quantitative Research Methods	SO__	Senior Thesis or Internship in Sociology
SO219	Qualitative Research Methods		
SO335	Classical Social Theory		<i>plus 6 electives in Sociology.</i>
SO336	Contemporary Social Theory		

Required for Graduation:

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

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
SO101	Introduction to Sociology
_____	Elective

Spring Semester

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

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
SO218	Quantitative Research Methods
SO335	Classical Social Theory
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
SO336	Contemporary Social Theory
SO__	Sociology Elective
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
SO219	Qualitative Research Methods
SO__	Sociology Elective
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
SO322	Social Psychology
SO__	Sociology Elective
_____	Elective

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
SO490	Senior Thesis in Sociology or
SO495–497	Senior Internship
_____	Elective
_____	Elective
_____	Elective

Spring Semester

SO470	Integrating Theory and Practice
SO__	Elective
SO__	Elective
_____	Elective
_____	Elective

Minor Requirements

Any seven courses in Sociology.

Sociology Curriculum

SO101 Introduction to Sociology **3 credits**

An introduction to the major concepts, theories, methods, and perspectives in sociology as well as a survey of some areas of sociological investigation such as the social nature of personal identity as mediated through the influences of race, class, gender, national culture, and the forces of social change.

SO103 Introduction to Social Work **3 credits**

Theory and skills in clinical practice (with individuals, groups and families), community/neighborhood services (organizing, planning and development), grant writing, research, and human service management. Cases are analyzed and discussed.

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.*

SO/PA209 Ethics **3 credits**

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

SO210 Deviance and Social Control **3 credits**

This course focuses on the ways society defines institutional and non-institutional deviance and the deviant. Included is an investigation into why socially prohibited behavior occurs and why/what society does to control or prevent it. Various sociological theories (i.e., structural functionalism, culture conflict, cultural transmission, anomic, radical-conflict, control, interactionism) are studied. Also examined are the qualitative and quantitative approaches used to study deviance. *Prerequisite: SO101.*

SO216 Human Sexuality **3 credits**

Biological and cultural elements of human sexuality as highlighted by the impact of technological developments requiring a reevaluation of male and female roles in society. *Prerequisite: Sophomore, junior, or senior level.*

SO218 Quantitative Research Methods **3 credits**

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

SO219 Qualitative Research Methods **3 credits**

This course is an introduction to the theoretical foundations and techniques of the qualitative research tradition in the social sciences. It is designed to give students a general background in procedures that include participant observation, life history analysis, intensive interviewing, 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.*

SO305 Social Reality of Aging and Death**3 credits**

Uses both social science and fictional accounts to study the reality of growing old in American society. Examination of the way society responds to an increasingly older population. The physical reality of death and the social construction of its meaning in contemporary societies. *Prerequisite: SO101.*

SO315 Contemporary Social Movements**3 credits**

A study of the role of social movements as vehicles for social change. Will use several sociological theories to examine the social histories of social movements. Both national and international case studies will be utilized. *Prerequisite: SO101.*

SO320 U.S. Social Policy**3 credits**

This course examines national policies and programs which directly influence the quality of life for all citizens. Focusing on areas such as health, education, civil rights, welfare, and the justice system, the course looks at the history of American social policy, social theory, policy process, evolving social policy issues, and national efforts at reform. *Prerequisite: Any 200-level PO, HS, or SO course, or permission of instructor.*

SO322 Social Psychology**3 credits**

The individual in social situations. Theories of social determinants of personality, socially predicated changes, motivation, attitude, and role development. (Same course as PS322; may be taken only once). *Prerequisite: SO101 or PS101.*

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**

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

This course is a critical study of the qualitative and quantitative methods and the classical and contemporary theories used to research and explain crime as a social phenomenon. The course also explores ways that our knowledge about crime can guide social policy. *Prerequisites: SO101 and SO210.*

SO416 Political Sociology**3 credits**

An analysis of the nature and distribution of power in society focusing on the social causes and consequences of given power distributions. *Prerequisite: SO101.*

SO421 Poverty and Wealth**3 credits**

An examination of the ways groups, or categories of persons, have different access to economic resources, status, and power in society, and the consequences that flow therefrom. *Prerequisite: 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 Sociology or Social Work and Counseling major and senior standing.*

SO490 Senior Thesis in Sociology**3 credits**

Original research on a topic selected by a student and a thesis advisor. The methodology, design, and writing are carried out with the continuous guidance and advisement of the thesis advisor, and the thesis is required to be defended successfully before a faculty committee. *Prerequisites: senior Sociology major and permission of instructor.*

SO495–497 Senior Internship in Sociology**3–15 credits**

Field experience in a learning situation affiliated with a community organization or institution. Placement is arranged by a student in consultation with the Sociology Department. *Prerequisites: Sociology major, senior standing, and permission of instructor.*

SO299, 399, 499 Independent Study in Sociology**3 credits each**

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

Sports and Leisure Management (SL)

PROFESSORS: Bonnie C. Black, Margaret S. Ziegler

A Bachelor of Science degree is offered in Sports and Leisure Management.

A major and a minor are offered in Sports and Leisure Management.

The major in Sports and Leisure Management combines a basic liberal arts education with specialized preparation for a career in one of four tracks: 1. Professional Sports Management; 2. Community Recreation; 3. Park and Natural Resource Management; and 4. Commercial Recreation/Travel and Tourism.

Major Requirements

In addition to the Individual and Community Curriculum (page 105) and Divisional core (page 49) course requirements, the following courses must be completed successfully with a grade point average of at least 2.0 to fulfill the major requirements:

- MN201 Principles of Management
- SL201 Principles of Sports and Leisure Management
- SL243 Programming in Sports and Leisure Management
- SL368 Sports and Recreation Facilities Management
- SL390 Internship in Sports and Leisure Management
- SL419 Law and Liability in Sports and Recreation

Plus three courses from one of the tracks listed below.

An Honors candidate for any major in the Business Program must have a 3.0 overall GPA and a 3.25 GPA with no lower than a C- (cannot be repeated for credit), in all major courses. A candidate for High Honors will meet all requirements for honors, but will have a 3.5 GPA for all those courses specified for the major. Candidates for Honors/High Honors must have completed and defended a thesis in their major area. The Divisional Faculty may consider internships, senior independent projects, and business plans of superior quality.

Required for Graduation:

120 semester hours, including the 42-credit Individual and Community Integrated Curriculum. The Divisional Business Administration core and the 15 major core credits will be added to the required 9 credits within each track for a total of 97 required course credits. The normal course load is 15–16 credits per semester. Transfer students should refer to the residency requirement section of the catalogue.

Tracks Within Sports and Leisure Management Curriculum

The tracks below follow the Individual and Community curriculum, Division of Business Administration core and the Sports and Leisure Management major:

Professional Sports Management Track

Choose 3 from the courses listed below:

- | | |
|--|-------------------------------|
| MN314 Human Resource Management | MN321 Organizational Behavior |
| MN371 Small Business Management | MK201 Principles of Marketing |
| SL238 Introduction to Training
and Treatment in Athletics | MK304 Advertising |
| SL338 Fitness Management | BA213 Business Law I |
| | BA214 Business Law II |

Recommended: Biology I and II instead of Integrated Science I and II within the core.

Community Recreation Track

Choose 3 from the courses listed below:

- | | |
|--|------------------------------------|
| SL238 Introduction to Training and
Treatment in Athletics | MN314 Human Resource Management |
| SL357 Recreation Therapy | MK304 Advertising |
| | SL290 The Explorers: Expeditionary |

MN348	Public Administration		Leadership Program (Summers)
MN321	Organizational Behavior	PS220	Group Dynamics
		PS230	Child and Adolescent Development

Park and Natural Resource Management

Required: SL346 Park and Natural Resource Management

Choose 2 from the courses listed below:

BI218	Ecology	GL205	Environmental Geology
BI342	Conservation Biology	ES210	Evolution of Environmental Thought
MN348	Public Administration	ES101	Environmental Science and ES110
MN314	Human Resource Management		Environmental Science Lab

Recommended: Biology I & II or Geology I & II instead of Integrated Science I & II within the core.

Commercial Recreation/Travel and Tourism Track

Required:

- *SL295 Principles of Commercial Recreation
- **SL298 Principles of Travel and Tourism
- **HS100 Introduction to Geography

Recommended: Proficiency in a foreign language

Choose two from the courses listed below:

MK304	Advertising	MK314	Consumer Behavior
AN211	International Business Cultures	MN371	Small Business Management
BA213	Business Law I	SL338	Fitness Management
		SL439	Ski Area Management

(* Required class for Commercial Recreation Track)

(** Required class for Travel and Tourism Track)

Recommended Curriculum Guide

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
BA100	Introduction to Business
_____	Elective

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
ET101	Principles of Economics I
BA258	Legal & Social Environment of Business
_____	Elective

Sophomore Year

Fall Semester

IC210	American Experience
IC205	Experiencing the Arts
MN201	Principles of Management
_____	Elective
_____	Elective

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
MT260	Statistics
SL201	Principles of Sports & Leisure Management
_____	Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*

SL243	Programming in Sports & Leisure Management	SL368	Sports and Recreation Facilities Management
FM224	Principles of Financial Management	IB364	Global Economy
_____	Elective	_____	Elective

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

Senior Year

Fall Semester		Spring Semester	
IC410	Senior Liberal Arts Seminar	BA471	Senior Business Seminar
SL390	Internship in Leisure Services Management	SL419	Law and Liability in Sports and Recreation
SL491	Senior Independent Research Paper	_____	Elective
_____	Elective	_____	Elective
_____	Elective	_____	Elective

Minor Requirements

The following courses must be completed successfully to fulfill the minor requirements. For Business Administration majors, 21 semester hours must be taken beyond the Divisional Core requirements:

- MN201 Principles of Management
- SL201 Principles of Sports and Leisure Management
- SL243 Programming in Sports and Leisure Management
- SL368 Sports and Recreation Facilities Management
- SL419 Law and Liability in Sports and Recreation
- MK201 Principles of Marketing
- SL390 Internship in Sports and Leisure Management

Sports and Leisure Management Curriculum

SL201 Principles of Sports and Leisure Management 3 credits

Community, commercial, therapeutic, and outdoor recreation. Topics include an historical perspective of the importance of recreation, leisure and play; types of agencies and organizations providing recreation services; basic management techniques and problems associated with the field of recreation and leisure; and current trends and future potentials in the field.

Note: SL201 must be completed with a grade of C- or higher before additional SL courses may be taken.

Fall and Spring

SL238 Introduction to Training and Treatment in Athletics 3 credits

This course identifies the role of an athletic trainer, including the responsibilities, liabilities and proper sequencing of emergency procedures for the treatment of athletic injuries. Proper techniques for strapping, wrapping and taping various body parts due to injury or for preventative reasons will also be practiced. *Prerequisite: SL201*

Spring

SL243 Programming in Sports and Leisure Management 3 credits

Program design and leadership techniques employed through hands-on activities. The realistic, ethical, and technical skills that a recreation manager should have in order to be successful in programming for various populations and in facilitating a variety of activities. *Prerequisite: SL201 or may be taken in conjunction with SL201.*

Fall

SL290 The Maine Explorers: Expeditionary Leadership Program 3 credits

A sixteen-day experiential program taking place at Franklin Pierce College and Maine Sport Outdoor School. Both high school and college students may enroll in courses, experiencing wilderness leadership theory, expedition planning, rock and rope climbing instruction, wilderness first aid, coastal ecology, sea kayaking, etc.

Summer

SL291 The Florida Explorers: Expeditionary Leadership Program **3 credits**

A sixteen-day experiential program taking place at the Keys Marine Labs, Florida. Both high school and college students may enroll in courses experiencing leadership theory, expedition planning, snorkeling, coastal ecology, Florida history and literature.

Summer/Winter

SL295 Principles of Commercial Recreation **3 credits**

An overview of the commercial recreation area, as exemplified by hotels, motels, restaurants, health and fitness centers, resorts, and industrial and employee recreation settings. A study of commercial areas, economic and marketing trends, financial planning, accounting, and management procedures and issues. *Prerequisite: SL243.*

Fall, odd years

SL298 Principles of Travel and Tourism **3 credits**

An overview of the Travel and Tourism industry, including its organization and development, research, promotion, means of travel and environmental as well as international tourism.

Prerequisite: SL243.

Fall, odd years

SL338 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: SL201*

Spring, even years

SL346 Park and Natural Resource Management **3 credits**

An overview of the management of natural resources and visitors to those resources. Relates the process and application of management principles in the outdoor recreation setting.

Prerequisite: SL243

Fall, even years

SL357 Recreation Therapy **3 credits**

Information and guidelines for programs for populations with special characteristics, such as social, emotional, physical, sensory, or learning impairments. Programs for geriatric populations. Emphasis is placed on the development of healthy attitudes toward these groups, information about important characteristics of each group, and the adaptation of popular recreation activities to them. *Prerequisite: SL243.*

Spring, odd years

SL368 Sports and Recreation Facilities Management **3 credits**

General principles and common problems associated with the management of local park systems, recreation areas, and other recreation-based facilities. Overview of general and low-level technical information which is valuable to recreation professionals. *Prerequisite: SL201.*

Spring

SL390 Internship in Sports and Leisure Management **2–3 credits**

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

SL391 Internship in Leisure Services Management**2–3 credits**

This course may be taken when an unusual level of job responsibility, such as being in sole control of a business for an extended time, or other unique learning opportunity is encountered which would warrant additional credit above that granted for SL390. The granting of more than 3 credits for one internship will be a rare occurrence. In some instances, when deemed appropriate by the department head and the Division Chair, a second internship, which is entirely different than that pursued under SL390, may be taken. *Prerequisite: SL390.*

SL419 Law and Liability in Sports and Recreation**3 credits**

This course informs and educates managers within the leisure industry about legal risks associated with parks, recreation centers, sports and related programs and facilities. Both statutory changes and court decisions that affect programs and facilities are studied in depth.

Prerequisite: SL201

Spring

SL439 Ski Area Management**3 credits**

An overview of the staffing, maintenance, equipment selection, programming, promotion, legal, and financial aspects of ski area management. On-site observations. *Prerequisites: AC102, MK201, SL243, SL368, SL419*

As needed, taken in January (register with spring semester).

SL491 Senior Independent Research Paper**4 credits**

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

SL299, 399, 499 Independent Study in Sports and Leisure Management**2–6 credits each**

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

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

These one-credit courses are 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 five 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 3.0 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 42-credit Individual and Community Integrated Curriculum and accumulate a total of 120 credits in order to graduate. The proposal must represent a coherent educational goal with attention given to the nature of introductory, middle-level, 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 Provost for review, after which ten copies of it is forwarded to the Curriculum Committee. The student may be asked to meet with the Curriculum Committee to further explain the proposal. The Curriculum Committee will report its recommendation to the Office of the Provost, which will communicate the decision to the student and the Coordinator of Advising. If approved by the Office of the Provost, then the Office of the Provost 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 Provost.

Theatre and Dance (TH)

PROFESSORS: Lee A. Dunholter, Nancy R. Stone

ASSOCIATE PROFESSORS: Wendy B. Dwyer, Robert C. Lawson, Richard R. Silvestro

LECTURERS: Bronwyn Asplund, Sally Bomer, Peggy Rae Johnson, Kathy Manfre, Anna Thomford

A Bachelor of Arts degree is offered in Theatre, with a concentration in Performance (Acting/Directing), Dance, and Design and Technical Theatre.

Minors are offered in both Theatre and Dance

The aim of the Department of Theatre and Dance is to recalibrate the student's capacity for imaginative and creative thought and action. The department concentrates its efforts on the process of making and perceiving work in theatre, dance, and performance art with an eye towards developing an intuitive, rigorous and healthy sense of process. A wide variety of approaches to making, conceiving and realizing work are explored via our diverse faculty and guest artists, and students are encouraged to develop their own unique methodologies.

Performance (Acting/Directing)

The concentration in Performance Acting/Directing provides a thorough grounding in the principles of theatrical performance. An intense exploration of an aspect of theatre, such as acting, directing, writing plays, or production, culminates in the Senior Project. In certain cases, students may receive approval to explore facets of theatre or dramatic theory in the form of a written thesis. With the approval of the Theatre Arts faculty, it is also possible to substitute an internship for the Senior Project. Qualified students of junior standing are eligible to participate in a semester-long theatre program in London, England.

Dance

The concentration in Dance provides a strong basis in the study of contemporary dance, with special attention to technique and the development of the body instrument. Students are introduced early to improvisation and dance composition and soon begin to choreograph their own work for staged presentation. In the final year of study, a Senior Project in choreography, performance, or dance history is required. Dance students perform in the annual Student Dance Concert, in choreography workshops, at the American College Dance Festival, and at regional performances.

Design and Technical Theatre

The concentration in Design and Technical Theatre provides the student with a thorough knowledge of scenic and stage lighting design techniques, the skills necessary to mount major productions, the ability to solve technical problems relating to dramatic productions, as well as mechanical and architectural drafting skills, including scale model-building and renderings of proposed sets for the theatre. Practical experience is gained in Design and Technical Theatre since all students play a large part in the mounting of three major faculty-directed productions, including the annual dance concert.

Each Theatre Arts major participates for credit in three productions over a four-year period.

An individual must earn a minimum 2.0 grade point average in the chosen concentration to graduate with a Theatre Arts degree.

Theatre Arts Major Core Requirements

(In addition to the Individual and Community Curriculum, page 105)

TH101 Introduction to Theatre Arts

TH251 Scenography (Scenic Design) I

TH272 Theatre History Survey

TH321 Directing I

TH211 Techniques of Acting I

TH111 Stagecraft I or TH112 Stagecraft II

One dramatic literature course from the following:

TH342 Modern European Drama

TH343 Modern American Drama

Dance Concentration requires TH344 Dance History in place of dramatic literature course above and may substitute TH261 Lighting Design I for TH111 Stagecraft I or TH112 Stagecraft II

In addition to major core requirements, concentration requirements are as follows:

Performance Acting/Directing Concentration

TH212	Techniques of Acting II	TH223	Oral Interpretation
TH322	Directing II	TH450	Senior Performance Project
TH222	Voice and Diction	TH131 - TH132	Dance Movement I and II

Two courses from either of the specialization groups:

<i>Acting:</i>	TH311	Advanced Acting I	<i>Directing:</i>	TH323	Directing III
	TH312	Advanced Acting II		TH324	Directing IV

Three production courses from the following:

TH161	Production Performance I	ID241	Musical Production I
TH162	Production Performance II	ID242	Musical Production II
TH163	Production Performance III	ID243	Musical Production III

Performance/Dance Concentration

TH132	Dance Movement II	TH305	Dance Technique & Composition III or TH 340 Anatomy & Movement
TH133	Dance Movement III	TH141	Production Performance Dance I
TH137	Ballet Technique I	TH142	Production Performance Dance II
TH205	Dance Technique and Composition I	TH450	Senior Project in Dance
TH215	Dance Technique and Composition II		

One of the following four courses:

TH134	Dance Movement IV	TH306	Teaching Dance for Children
TH138	Ballet II	TH315	Dance Technique & Composition IV

Dance Concentration requires TH344 Dance History in place of dramatic literature course above.

Design and Technical Concentration

TH112	Stagecraft II	TH379	Advanced Studies in Theatre Design and Technology
TH151	Costume Design and Construction	TH450	Senior Project (Design/Technical)
TH261	Lighting Design I	TH354	Scenography III or TH262 Lighting Design II
TH252	Scenography (Scenic Design) II		

Three Production courses from the following:

TH171	Production Design/Technical I	ID242	Musical Production II
TH172	Production Design/Technical II	ID243	Musical Production III
TH173	Production Design/Technical III	TH141	Dance Production I
ID241	Musical Production I	TH142	Dance Production II

Required for Graduation:

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

Recommended Curriculum Guide for Concentration in Performance/Acting

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
TH111	Stagecraft I

Spring Semester

IC106	College Writing II
_____	Laboratory Science II
TH101	Introduction to Theatre Arts <i>or</i>

TH101 Introduction to Theatre Arts
 TH211 Techniques of Acting I
 IC101 Individual and Community

TH112 Stagecraft II
 TH131 Dance Movement I
 TH212 Techniques of Acting II

Sophomore Year

Fall Semester

IC210 American Experience
 IC205 Experiencing the Arts
 TH222 Voice and Diction
 TH251 Scenography I
 TH161 Production/Performance
 _____ Elective

Spring Semester

IC260 Twentieth Century
 _____ Mathematics Requirement
 IC204 Portfolio Assessment Seminar
 TH223 Oral Interpretation
 TH272 Theatre History Survey
 TH162 Production/Performance
 _____ Elective

Junior Year

Fall Semester

IC305 Science of Society I
 IC310 Ancient & Medieval Worlds*
 TH321 Directing I
 TH____ Theatre Elective
 TH____ Theatre Elective
 TH311 Advanced Acting I

Spring Semester

IC306 Science of Society II
 IC360 Reason & Romanticism*
 TH322 Directing II
 _____ Dramatic Literature
 TH163 Production/Performance or
 ID____ Musical Production
 TH312 Advanced Acting II

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

Senior Year

Fall Semester

IC410 Senior Liberal Arts Seminar
 TH____ Theatre Elective
 TH____ Theatre Elective
 TH____ Theatre Elective
 _____ Elective

Spring Semester

TH450 Senior Theatre Project
 TH____ Theatre Elective
 TH____ Theatre Elective
 TH____ Theatre Elective
 _____ Elective

Required for Graduation:

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

Recommended Curriculum Guide for Performance/Directing

Freshman Year

Fall Semester

IC105 College Writing I
 _____ Laboratory Science I
 IC101 Individual and Community
 TH101 Introduction to Theatre Arts
 TH211 Techniques of Acting I

Spring Semester

IC106 College Writing II
 _____ Laboratory Science II
 TH112 Stagecraft II
 TH131 Dance Movement I
 TH212 Techniques of Acting II

Sophomore Year

Fall Semester

IC210 American Experience
 IC205 Experiencing the Arts
 TH222 Voice and Diction
 TH251 Scenography I
 TH161 Production/Performance
 _____ Elective

Spring Semester

IC260 Twentieth Century
 _____ Mathematics Requirement
 IC204 Portfolio Assessment Seminar
 TH272 Theatre History Survey
 TH162 Production/Performance or
 ID____ Musical Production
 TH223 Oral Interpretation

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
TH321	Directing I
TH__	Theatre Elective
TH__	Theatre Elective
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
TH322	Directing II
_____	Dramatic Literature
TH__	Theatre Elective
TH163	Production/Performance or
ID__	Musical Production

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
TH323	Directing III
TH__	Theatre Elective
_____	Elective
_____	Elective

Spring Semester

TH450	Senior Theatre Project
TH324	Directing IV
TH__	Theatre Elective
_____	Elective
_____	Elective

Required for Graduation:

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

Recommended Curriculum Guide for Concentration in Dance

Freshman Year

Fall Semester

IC105	College Writing I
_____	Laboratory Science I
IC101	Individual and Community
TH131	Dance Movement I
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

IC210	American Experience
IC205	Experiencing the Arts
TH111	Stagecraft I or TH261 Lighting
	Design I*
TH212	Techniques of Acting II
TH132	Dance Movement II
TH141	Production Performance Dance I

Spring Semester

IC260	Twentieth Century
_____	Mathematics Requirement
IC204	Portfolio Assessment Seminar
TH112	Stagecraft II*
TH215	Dance Technique and
	Composition II
TH344	Dance History
ID__	Musical Production
TH__	Theatre Elective

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
TH133	Dance Movement III
TH137	Ballet
_____	Elective
TH142	Production Performance Dance II

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
TH305	Dance Technique and
	Composition III
TH321	Directing I
TH272	Theatre History Survey
TH161	Production/Performance or
ID__	Musical Production

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
TH450	Senior Theatre Project
TH__	Theatre Elective
TH__	Theatre Elective
TH143	Production Performance Dance
_____	Elective

Spring Semester

TH315	Dance Technique and Composition IV
TH__	Theatre Elective
_____	Elective
_____	Elective
TH162	Production Performance or
ID__	Musical Production

Required for Graduation:

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

Recommended Curriculum Guide for Concentration in Design and Technical Theatre

Freshman Year

Fall Semester

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

IC210	American Experience
IC205	Experiencing the Arts
TH211	Techniques of Acting I
TH261	Lighting Design I
TH251	Scenography I
TH171	Production/Design and Technical Theatre I
_____	Dramatic Literature

Spring Semester

IC260	Twentieth Century
IC204	Portfolio Assessment Seminar
TH321	Directing I
TH352	Scenography II
TH172	Production/Design and Technical Theatre II, or
ID__	Musical Production
_____	Mathematics Requirement

Junior Year

Fall Semester

IC305	Science of Society I
IC310	Ancient & Medieval Worlds*
TH151	Costume Design & Construction
TH173	Production/Design II
TH262	Lighting Design II
_____	Elective

Spring Semester

IC306	Science of Society II
IC360	Reason & Romanticism*
TH353	Scenography III
TH__	Theatre Elective
TH__	Theatre Elective
_____	Elective

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

Senior Year

Fall Semester

IC410	Senior Liberal Arts Seminar
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 the Theatre Arts	TH211	Techniques of Acting I
TH272	Theatre History Survey	TH111	Stagecraft I or 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 of specialization:

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

Two production courses from the following:

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

Dance Minor Requirements

TH132	Dance Movement II	TH344	Dance History
TH205	Dance Technique and Composition I	TH141	Production/Dance Performance I
TH215	Dance Technique and Composition II	TH142	Production/Dance Performance II

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

TH133	Dance Movement III	TH261	Lighting Design I
TH136	Theatre Dance and Jazz	TH143	Production/Dance Performance III
TH137	Ballet I or	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, dance composition leading to performance of student choreographed work. *Prerequisite: TH131 or previous dance training.*
- TH136 Theatre Dance and Jazz** **3 credits**
A studio introduction to the art of theatrical dance combining contemporary and jazz technique with the learning of set dances from the theatre dance repertory.
- TH137-138 Ballet Technique I–II** **3 credits 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 this course 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** **2 credits**
Students select a speech topic, shape and deliver it. Students participate in speech evaluation.
- TH205 Dance Technique and Composition I** **3 credits**
A studio course in which it is assumed that dancers have a good command of basic modern dance technique. Students will learn more complex movements and gain strength and speed. Improvisation and dance composition are important elements of this course. *Prerequisite: TH132 or permission of instructor.*
- TH211 Techniques of Acting I** **3 credits**
Improvisation and scene study techniques designed to develop the actor's powers of imagination and concentration. Based on the principles of the Stanislavski system of acting. Instruction may include practical projects performed for campus audience.
- TH212 Techniques of Acting II** **3 credits**
Emphasis on scene study and preparation of a role. Expanded use of techniques studied in TH211. Projects will be performed for campus audience. *Prerequisite: TH211.*
- TH215 Dance Technique and Composition II** **3 credits**
A continuation of Technique and Composition I, greater physical demands are made on the dancer in terms of technique, body control and alignment, and expressive use of movement. Dance composition becomes more sophisticated with attention to the use of several dancers in a piece of choreography, longer and more highly developed pieces, and concern with many of the technical aspects of choreography. *Prerequisite: TH205.*

TH222 Voice and Diction: 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 experimental anatomy to dance movement through readings, hands-on work, imaging, improvisation, and individual studio exploration. *Prerequisite: TH132*

TH311–314 Advanced Acting I–IV**3 credits each**

Techniques of characterization and the flexible use of the actor's instrument in relation to different theatrical styles. Project to be performed for campus audience. *Prerequisites: TH212 and permission of instructor.*

TH315 Dance Technique and Composition IV**3 credits**

Advanced work in modern dance technique with emphasis on performance quality. Dance composition work will continue to develop the individual's command of intention, motivations, clarity, and artistic impact. *Prerequisite: TH305.*

TH321–324 Directing I–IV**3 credits each**

Principles and techniques of analyzing and staging a play. Rehearsal procedures of blocking and coaching and the responsibilities of the director in relation to the scenic aspects of production are exercised through performances for the campus audience. *Prerequisite: TH211 or permission of instructor.*

TH340 Teaching Dance 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**

To trace the development of American drama from O'Neill's initial activities with the Provincetown Players, through the depression era agit-prop theatre, the plays representative of the '40s and '50s, the American involvement during the '60s and '70s in the Absurdist tradition, to present trends. *Prerequisite: IC105.*

TH344 Dance History**3 credits**

A broad look at Western theatrical dance with a special emphasis on American modern dance. The course is structured through reading, discussion, and video presentations.

TH352–354 Scenography II, III and IV**3 credits each**

Principles and techniques applied to advanced problems in scenery and costume design. Materials fee. *Prerequisites: TH251 and permission of instructor.*

TH379 Advanced Studies in Theatre Design and Technology**3 credits**

Projects for individual or group study and experimentation in scenic design, lighting design, stagecraft, stage management, or other aspects of technical theatre. A tutorial preparation for the senior project. *Prerequisite: permission of department coordinator.*

TH401–402 Playwriting I and II**3 credits each**

Writing exercises and projects which focus on dramatic conflict, dialogue, character development, and statement of theme. *Prerequisite: permission of instructor.*

TH450 Senior Theatre Project**3 credits**

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**

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

Women's Studies (WS)

COORDINATOR: Kelli A. Costa

CORE FACULTY: Gerald T. Burns (English), Kelli A. Costa (Anthropology),
Mary C. Kelly (History), Debra S. Picchi (Anthropology), Donna Decker Reck
(English), Phyllis S. Zrzavy (Mass Communication)

AFFILIATED FACULTY: Davina Brown (Psychology), Mary Ledoux (Library),
Melissa M. Stearns (Library)

A minor is offered in Women's Studies.

Women's Studies seeks to expand awareness of women's achievements, contributions, and concerns across time periods, cultures, social classes, as well as racial and ethnic groups. It encourages students to inquire into the economic, political, and intellectual status of women, to actively engage the issues of women's cultures, and to address the social inequities between the genders, both in individual relationships and in the larger community.

The Women's Studies minor provides an enriching complement to studies in a wide range of major fields and will prove particularly useful for students intending to go on to graduate professional school or to pursue careers in such fields as business, communication, education, the health professions, law, politics, social services, and the non-profit sector.

Requirements

Students minoring in Women's Studies are expected to complete seven courses in the Program for a total of 21 credit hours. Of these credits, only **WS115 Introduction to Women's Studies** is mandatory. The remaining six courses may be chosen freely from the Program curriculum, provided that at least two courses are selected from the 200-/300-levels and at least three from the 300-/400-levels.

Through the options of pursuing independent study courses at the 300- and 400-levels and of completing an internship during or after the junior year, the Program also offers opportunities for specialized, in-depth learning experiences to students.

Women's Studies Curriculum

WS115 Introduction to Women's Studies

3 credits

This course focuses on the interdisciplinary analysis of women, culture, and society. Topics include: cultural images, socialization, media, sexuality, sexual orientation, work, family, politics, violence, inequality, and racial diversity. The course also examines feminist viewpoints, interdisciplinary studies, and the relationship of feminist concepts, methods, and modes of analysis to traditional academic disciplines.

PS155 Psychology of Gender

3 credits

An introduction to and examination of the similarities and differences in males and females in the areas of personality, social behavior, intelligence and cognition. The course focuses on biological, environmental, and cultural causal mechanisms of the developmental realities and stereotypes.

WS210/MU210 Women and Music

3 credits

Women and Music examines the contributions of women to musical culture through western history and in our contemporary world. Topics explored are women composers, performers, patrons and musical images of women. Genres include classical, jazz, blues, rock, country and hip-hop.

AN216 Human Sexuality

3 credits

This course examines the subject from biological and cultural perspectives in an evolutionary perspective. Separates misinformation about sexuality from current scientific findings, with a special emphasis on female sexuality. Reviews cross-cultural options for expressions of sexu-

ality which serve to provoke questions and critiques of our own sexual norms and conduct. *Prerequisite: sophomore, junior, or senior status.*

SO220 The Family

3 credits

Examination of the current state of the American family and its symbolic importance in American culture. Investigation of the impact of social diversity on variations in family structure, mate selection and the formation of families, relationships among family members, and the interaction between family and society. *Prerequisite: sophomore, junior, or senior status.*

WS225/AN225 Women and Culture

3 credits

This course compares and contrasts women's 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.

WS300 Domestic Violence

3 credits

This course provides a cause-and-effects understanding of domestic violence upon the family as a system, and explores the psychological dynamics of both victim and perpetrator. The attitudes of the legal and justice systems are studied. Prevention is emphasized. *Prerequisite: permission of instructor.*

WS302 Archaeology of Gender

3 credits

This course is a comprehensive feminist theoretical synthesis of the history of archaeological research on gender. Students examine the roles of women and men in such areas as human origins, the sexual division of labor, kinship and other social formations, state development and ideology. *Prerequisite: AN113, WS115 or permission of instructor.*

WS322/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.*

WS340 Women in Politics

3 credits

A survey of women and politics as they relate to political theory, world affairs, law, public policy, social movements, and elections. *Prerequisite: permission of instructor.*

WS341/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.*

WS370 Women Writers

3 credits

A study of selected works by significant female writers, including at least one work outside the British and American traditions. *Prerequisite: permission of instructor.*

WS382/MC382 Women in Media Representation

3 credits

This course is devoted to the critical analysis of representations of women in normative mass media content. It proceeds from the knowledge that gender roles are highly differentiated across all forms of modern mass communication (the print media, film, radio, television, and

the Internet) and focuses especially on the repetitive process of unidimensional signification of women in the realm of popular culture discourse. *Prerequisite: permission of instructor.*

WS410/AN410 Feminist Theory

3 credits

This course charts the various contributions of anthropologists, feminist theorists and others toward a rethinking of the aims and methods of feminist anthropology. The course focuses on major areas of innovation, including post-structural and post-colonial theories. *Prerequisite: WS115 or permission of instructor.*

WS490 Women's Studies Senior Seminar

3 credits

This course provides for the in-depth study of topical issues in women's studies scholarship and current problematics in feminist criticism and theory. Taught on a rotational basis by various Program faculty, the focus is on the relationship between feminist theory and practice, with the goal of applying the knowledge gained in class to practical experience working with community or national organizations. *Prerequisite: permission of instructor.*

WS395 Internship in Women's Studies

1-6 credits

An internship carrying variable credit depending on the length and intensiveness of the experience. The credit value is determined at the time of registration and placement with execution of contract. *Prerequisite: recommendation of Program faculty.*

WS399, 499 Independent Study in Women's Studies

1-6 credits each

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

Academic Regulations

Student Categories

Degree Student: A matriculated degree student is one admitted, registered for degree credit, and working toward a degree.

Special Student: A non-degree, non-matriculated special student is one registered for academic credit but not working toward a degree. A non-degree student may become a degree candidate by applying and being accepted through the Office of Admissions.

Full-time Student: A student who is registered for no fewer than twelve semester hours.

Transfer Student: A degree student who is admitted after having attended another college for one or more full terms and earning a minimum of 26 semester hours or equivalent.

Transfer Credit Policy

Transfer students will be required to complete 42 semester hours of Liberal Arts studies, including a minimum of twelve semester hours in the Individual and Community Integrated Curriculum at Franklin Pierce College.

Note: In order to graduate, *all* students are required to complete two semesters of a laboratory science, two semesters of College Writing, and Foundations of Mathematics, or acceptable equivalents. Please see Registrar for details.

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 206)
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 206)
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 206)
4. If a student wishes to return to the College after withdrawing, taking a leave 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 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. 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 183*)

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.

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 will be placed on Deferred Suspension during the following semester. If the student's CGPA does not return to 2.00 following a semester on Deferred Suspension, that student will receive an Academic Suspension from the College. A grace period of one additional semester on Deferred Suspension *may* be awarded.

Academic Probation: A student whose semester grade point average (SGPA) or cumulative grade point average (CGPA) is below 2.0 is placed on academic probation as a reminder that the record needs to be improved.

Academic Suspension: A temporary separation from the College is required when a student's academic record does not give evidence of satisfactory progress toward meeting degree requirements. Students may apply for readmission after a suspension by complying with readmission criteria. Detailed policy statements are available at the 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 Learning 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 and Salutatorian: These designations are 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 Professional Studies Division graduates.

Class Standing

Class standing is determined as follows:

Freshman	0-25	semester hours earned
Sophomore	26-55	semester hours earned
Junior	56-87	semester hours earned 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 site quotations and borrowed ideas, failing to enclose borrowed language in quotation marks, and failure to put summaries and paraphrases in your own words . . .” (Hacker, 1999, p.261), using, borrowing, stealing, presenting or downloading another student’s ideas/writing and submitting such material as 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 to develop life management skills, and encourage students to become involved and active participants in all dimensions of college life. Students have special opportunities to participate in the operation and planning of most of these co-curriculum programs .

Orientation

Orientation is a community endeavor which promotes and supports a new student's transition to campus life. The social and academic acclimation of new students into the College is the goal of this multi-faceted program. Students are encouraged to be active participants in the academic, social, and residential experience of the College as well as in surrounding communities.

Counseling and Human Development Center

Change and stress are a part of college life. The Counseling and Human Development Center, located in Granite Hall, offers free confidential services to help students overcome problems, gain self-understanding and direction. These services include individual and group counseling, educational programs, consultation and referral information for off-campus providers.

Health Services

The Health Services office is located in the lower level of Granite Hall. Most medical problems can be treated or followed by the Health Services Staff, which is comprised of a physician, nurse practitioners, RNs, and support staff. Emergency Medical Technicians (EMTs) are available during hours the Health Services office is not open.

In addition to the consulting physician and nursing staff, there are physicians and hospitals available in several nearby communities with most medical specialties being represented.

The Health Service Professionals consider health teaching and preventive medicine to be

equally as important to the student as the care of health problems. Students are encouraged to consult the Health Service staff for counseling and advice on any topic related to general health.

Health and Counseling Fee

Full time students on the Rindge campus are required to enroll in the colleges Health Plan. There is a mandatory fee which covers health and counseling services as well as a supplemental insurance program (see Financial Information).

Health Record Requirement

The State of New Hampshire Department of Health and Human Services licenses the Health Service. A completed medical file for each student is required to be maintained in the Health Service. These files consist of a Health Assessment Form, a physical exam within a year of admission, proof of immunizations (two MMRs, Mantoux within one year, or if international students—within four weeks of arrival in the U.S., are required, tetanus within ten years) and a signed consent form for medical treatment. Any student not meeting these requirements will be prevented from registering and attending classes until the information is provided.

Athletic Program

The College considers participation in athletics to be an important aspect of the development of a student's character and personality and thus sponsors a full athletic program which includes intercollegiate, intramural, and individual sports.

Franklin Pierce College is a member of the National Collegiate Athletic Association (NCAA), Division II; Northeast Ten Conference (NE-10); and Eastern Collegiate Athletic Conference (ECAC).

The College fields varsity men's teams in competition with other New England schools in intercollegiate soccer, basketball, 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) verbal and math sections, or a 68 sum score on the ACT (American College Testing Assessment Program).

The intramural program serves students in a recreational atmosphere that promotes social interaction; mental, physical, emotional health and fitness; team spirit; and leisure skill development. Highlights of the intramural program are flag football, floor hockey, basketball, volleyball, softball, and tennis. Individual and recreational sports include golf, skiing, skating, boating and fishing.

Grimshaw-Gudewicz Activity Center at North Fields

This state-of-the-art airframe structure vastly expands the scope of services offered by the College to students, faculty, staff and the greater Monadnock region. The Activity Center was completed in December of 1995 and its Grand Opening Celebration was held on April 23, 1996. Activities take place inside the airframe on a variety of surfaces, including a 1/5 mile track, tennis courts, basketball courts, astro-turf fields, multi-purpose area, and the cardio/strength area. Recreational programming in this 72,000 square foot facility consist of Intramural Sports

including: basketball, flag football, soccer, tennis, volleyball, and floor hockey. Other recreational activities include in-line skating, jogging, aerobics, frisbee, strength/cardiovascular training, badminton, and other pick-up sports. Special events such as the "Up All Night - Mardi Gras Celebration," Admissions Open House and Freshman Orientation are also held inside the airframe.

The Recreation Department at Franklin Pierce also sponsors the "Outdoor Recreation and Campus Adventure" program. Trips are planned to off-site recreational facilities each semester. Past destinations have included Maine, Vermont, and Massachusetts. Popular trips include skiing at Mt. Snow and Okemo, cross-country skiing, rock climbing, dog sledding, snowshoeing, horseback riding, whitewater rafting, sea kayaking, and camping.

Student employment is also available at the Activity Center, with positions ranging from customer service representatives and intramural referees, weight room spotters, and daily operations supervisors.

Students should check in at the facility often in order not to miss out on the many events that are planned each semester by the Department of Recreation.

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 an off-campus petition requiring the approval of the Director of Residential Life. All students living in traditional residence halls are required to participate on a board plan, and freshmen in the traditional halls are placed on a 19 meal plan for the academic year. Requests for changes in the meal plan must be filed in the Office of Residential Life by the end of the add-drop period of registration.

A variety of living options is available. Residence halls are co-ed, but each floor or section has single-sex living. The most common arrangements are doubles, but there are a limited number of triples in the traditional first year halls. All first-year residences are smoke-free. Depending on availability, room selection may include opportunities for substance-free housing, and single rooms. All residential areas have computer network availability. Residence halls are specially structured to provide support for first year students. Sophomores have the opportunity to live in a suite style facility while upperclass students have the opportunity to choose special living options which include a variety of apartment/condo style facilities.

All rooms are furnished with a bed, mattress, desk, chair, clothes closet and dresser for each student. Students are expected to provide their own linens, blankets, pillows, lamps, curtains, and other furnishings. Detailed information about the facilities, what to bring and what not to bring, and contractual conditions of campus residence is available from the Office of Residential Life. A \$100 room deposit is required of all students within 15 days of receipt of their housing contract. See Financial Information, page 206 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 by active participation in hall programs. Residence hall community councils are encouraged to assist the staff in managing the affairs of the residence halls.

Telecommunications

The College provides telephone service to all campus residences, and private voice mail for each student. When the residence hall has digital service, Franklin Pierce College provides a digital telephone; when the residence hall has analog service the roommates must share a telephone that they provide themselves. The College uses a billing and collection service which mails bills monthly to each student's campus mailbox. Each student has a long distance account and will be assigned a personal security code for making long distance calls. Failure to make full payment by the due date results in deactivation of the PSC and a late payment fee.

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 may bring a "cable-ready" TV from home and 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.

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, educational, and cultural activities provide opportunities for students to use their leisure time productively. Students are actively involved in the planning and implementation of student activities and intramural programs, and they share responsibility for the operation of indoor and outdoor programming on campus. Facilities include the campus waterfront, with beach and boating facilities, fifteen kilometers of cross-country, and mountain biking trails, the low elements Adventure Course, a hill for sledding and outing hut, the Grimshaw-Gudewicz Activity Center at North Fields (see page 189), 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 workshops and training sessions which assist students in their leadership roles. Valuable experiences such as Leadership Training Weekend and various seminars are highlights of the leadership development program.

Student Government

The Student Senate makes recommendations to the administration in policy matters concerning student activities, welfare, and services. It allocates student activity funds to the various student clubs and organizations on the campus. Officers are elected each spring, and student senators from each class are elected in the fall.

Judicial Board

The Judicial Board is a group of seven students selected and appointed by the Student Sen-

ate. The Board hears cases involving violations of the *Student Code of Conduct* and recommends appropriate action to the administration.

Cultural Activities

Crimson-Grey Cultural Series events are open to the College community as well as the general public. Past presentations have included professional performances in drama, music, and dance from distinguished groups such as Momix, Apple Hill Chamber Players, Trent Arterberry, The Second City Touring Company, and the Boston Ballet. The College's drama and music departments present a varied program of student productions and concerts throughout the year, including fall and spring drama productions and the spring musical. Art exhibits are presented in the Thoreau Gallery of the Flint Campus Center with works by students, faculty, and guest artists in a variety of media. Educational programs include student/faculty discussions, the Humanities Lecture Series, residential educational programming, and the Valakis Lecture Series.

Student Activities

The student activities program is planned and coordinated by the Campus Activities Board in association with the Director of Student and Cultural Activities. Participation is encouraged in planning campus events which include the Fall Weekend, Family Weekend, and Spring Weekend. There are concerts, movies, dances, comedy shows, trips, and a variety of other entertainment events each week. Students also assist in the operation of the Campus Center, Ski Hut, Radio Station, and TV Station.

Clubs

Students are involved in more than 30 clubs which receive funding from the Student Senate. They range from academic clubs to athletic clubs to activities programming clubs to special interest organizations. Included are Amnesty International, Anthropology Club, Biology Club, Business Club, Cheerleaders, Elementary Education Club, Emergency Medical Services Club, English Club, Environmental Awareness Club, Fire Department, Global Issues Club, Jewish Student Fellowship, Law Club, Martial Arts Club, Performing Arts Club, Outing Club, Pierce Arrow (student newspaper), S.A.D.D., Sailing Club, Science Fiction Club, Secondary Education Club, FPC-TV25 Club, WFPC Radio Station, Young Democrats, Young Republicans and many others. Students interested in forming a new club can do so by contacting the Student Senate Office.

Forensics and Debating

Franklin Pierce College considers effective communication to be an important goal of the student experience, and thus sponsors a Forensics and Debate experience which promotes communication, character and leadership abilities. Franklin Pierce College is a member of the American Forensic Association, the National Forensic Association, the Collegiate Forensic Association and the International Forensic Association. Students competing from Franklin Pierce College in forensics/debating competitions have achieved national and international honors. Students interested in debating or forensics should contact Bronwyn Asplund, Coordinator of Forensics, at 603-899- 4086 for more information.

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 printshop.

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.

The Manor

One of the original and oldest buildings on campus, the Manor provides a quiet environment for student study (Alumni Lounge) and a Faculty Lounge. The Manor provides offices for the student newspaper (*The Pierce Arrow*), the yearbook (*The Raven*), the Office of the President and other 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 Director of Student and Cultural Activities, three dining areas, a pub, snack bar/lounge, function areas, bookstore, post office, art gallery, TV lounge, community service office, art gallery, game room, meeting rooms, student activities offices, Student Senate offices, information center, and an automatic teller banking service.

The Campus Center is an active facility which is available to the College community seven days a week. Student staff assist in the responsibilities of managing the center and provide program support.

Department of Campus Safety and Transportation

The Department of Campus Safety and Transportation is responsible for the protection of both persons and property. Officers patrol the buildings and grounds around the clock and are always available to assist students, faculty, staff, and visitors. The department is also responsible for providing crime awareness education programs, issuing ID cards, and administering and enforcing parking regulations.

The department publishes and distributes crime statistics and security policies annually in compliance with the Campus Crime and Security Awareness Act of 1990. Copies of this publication are available at Campus Safety in the St. Peter's Building, in Admissions, in Human Resources and on the College website www.fpc.edu/studentlife/safety.html.

Automobiles

All vehicles on the Franklin Pierce campus must be registered annually with the Department of Campus Safety. A registration fee will be charged to the student account when a decal is issued. Vehicle owners and operators must comply with all policies regarding registration, parking, and operation of vehicles as published in the Campus Parking and Motor Vehicle Policies booklet available at Campus Safety.

Shuttle Service: Shuttle service is available on campus Monday through Friday from 7:30 a.m. to 8:00 p.m., Saturday noon to 8:00 p.m., and Sunday noon to 6:00 p.m. Shuttle service is also available to limited locations off-campus after 4:00 p.m. Information regarding shuttle service to local shopping is available at Campus Safety. 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. It is available at designated stops across campus. The Safe Rides program is run through the Student Senate utilizing student volunteers.

Transportation Department Fees

All requests for transportation must be made at least two business days in advance by calling x4388. Requests will be approved based on availability of vehicles and drivers. Students cancelling with less than 24 hours notice will be billed the driver's fee. Cancellations must be confirmed with

someone from Transportation; notification via voice mail *will not* be considered adequate notice.

Rates for transportation to Keene, Fitzwilliam, Winchendon, Brattleboro, and Fitchburg bus and/or train stations are \$.35 per mile plus a driver's fee. Rates for transportation to Cheshire and Monadnock Hospitals and doctor appointments will be billed at \$10.00. If the driver waits more than one hour, a fee of \$5.50 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 for upperclassmen. All new students will be assigned to the 19 meal plan for their first year. Students living off-campus may purchase meals at the Dining Commons 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 as well as contributing members of an academic community. The responsibilities of students as citizens of both the campus community and society at-large are stated in the Student Code of Conduct. Students are expected to be fully familiar with the Student Code of Conduct and will be held accountable for their actions as members of the College community.

The College's Judicial System, clearly detailed in the Student Code of Conduct, is established to provide the administrative means for maintenance of order and protection of persons and property. Administrative authority for the campus judicial system resides with the Vice President for Student Affairs. Responsibility for the various levels of the judicial system is delegated by the Vice President for Student Affairs to specified members of the community in such a way as to ensure a fair and equitable judicial process. The code of conduct is available and can be viewed on the College's website, under the Student Life section.

Notice of Nondiscrimination

Franklin Pierce College does not discriminate on the basis of race, color, national origin, age, sex, or disability in admission to, access to, treatment in, or employment of its programs and activities.

The following person has been designated as ADA/Section 504 Compliance Officer to handle inquiries regarding the nondiscrimination policies:

Dr. Jim Earle
Vice President for Student Affairs
Office of Student Affairs
(603) 899-4160

In addition, inquiries regarding the application of 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 Academic Dean 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. Recipients (chosen by the Alumni Scholarship Committee of the Alumni Board of Directors) must be entering their senior year, 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 freshmen 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 '01 by her parents, Pamela and Nicholas, and her brother, Nicholas. It is awarded to a new student who has confronted and overcome challenges in his or her life and has a commitment to community and family and a demonstrated record of achievement in athletics or co-curricular activities in high school.

THE CLIFFORD H. COLES SCHOLARSHIP was established in honor of former Academic Dean Clifford H. Coles. This scholarship is given to a junior entering the senior year who has been at Franklin Pierce College no less than five semesters, has a 3.0 average or 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 MARLIN FITZWATER SCHOLARSHIP FOR MASS COMMUNICATION was established in 1998 in honor of Marlin Fitzwater. Applications will be accepted from any student who has been admitted to Franklin Pierce College and who has a commitment to a career in

Mass Communication. Two scholarships will be awarded annually.

THE EMILY FLINT SCHOLARSHIP was established in 1995 in memory of Emily Flint, the first female Chairman of the Board of Trustees of Franklin Pierce College. The student selected will: be a woman majoring in the humanities; be entering her sophomore, junior, or senior year, sustain a cumulative grade point average of 3.0 or 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. Five recipients will be chosen at the discretion of the Director of Financial Aid.

THE PAUL GALKIN MEMORIAL SCHOLARSHIP was established in 1990 in memory of Paul Galkin '71 by his family. The award will be given to a Fine Arts major who has demonstrated financial need and good academic standing.

THE GRANITE BANK SCHOLARSHIP recipient will be chosen by the Director of Financial Aid.

THE RANDOLPH H. HENDLER SCHOLARSHIP was established in 1973 by Harworth Hendler to honor his son Randolph, a 1970 graduate. Awarded annually to two students in the sophomore or junior class majoring in Business 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 with the Student Senate. Individuals involved in various clubs and organizations are strongly recommended to apply. Potential scholarship recipients must complete an application and interview process in order to be considered.

THE MARY G. MAYBURY MEMORIAL SCHOLARSHIP was established in 1992 in memory of Mary G. Maybury by her husband, Dr. James F. Maybury, family, friends, faculty and staff. The scholarship will be awarded annually to a female sophomore, junior or senior majoring in humanities and maintaining a CGPA of 3.0 or 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 of consideration.

THE PATTERSON SCHOLARSHIP was established in 1997 by Robert Patterson, an alumnus of the College. Presented in recognition of excellence in the Division of Business Administration, it is awarded to a business major with a minimum grade point average of 2.5 who demonstrates financial need. Selection is determined by the Business Division.

THE PETERSON FELLOWS SCHOLARSHIP was established in 1993 by Sandra and Paul Montrone with funds from the Penates Foundation. This endowed scholarship fund honors the leadership ability of President Emeritus Walter Peterson. A Peterson Fellow will be named yearly. Peterson Fellows will demonstrate their commitment to the Pierce Family through contributions to student life and will reciprocate the values of community and leadership. Students who complete their freshman year with a GPA of 2.8 or better and have proven financial need are eligible.

THE PETERSON SCHOLARSHIP was established in 1988 by President Emeritus and Mrs. Walter Peterson. The Peterson Scholarship will be awarded yearly to students who have demonstrated good citizenship and impressive leadership qualities. Special consideration will be given to minority students and individuals who have proven financial need.

THE FREDERIC M. ROBBINS MEMORIAL SCHOLARSHIP was established in 1987 in loving memory of Frederic M. Robbins, a respected senior faculty member in the Biology Department by family, friends, faculty, staff, students, and alumni. The recipients will be chosen yearly by the Natural Sciences Division.

THE IAN SINCLAIR MEMORIAL SCHOLARSHIP was established in 1991 in loving memory of Ian Sinclair, a respected senior faculty member in the Chemistry Department, by family, friends, faculty, staff and alumni. The recipients will be chosen yearly by the Natural Science Division.

THE DON AND JUDY SCHRIEFER SCHOLARSHIP was established in 1999 to recognize Mr. and Mrs. 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 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.

DEAN'S SCHOLARSHIP. This award is made to sophomores, juniors and seniors in recognition of academic excellence and contributions to the College community. Candidates are students who achieve a 3.0 cumulative grade point average and do not have a Presidential Scholarship.

HIGH SCHOOL SCHOLARSHIPS. Financial assistance is available to high school students who are attending classes at Franklin Pierce College either during the summer or academic year. The amount of the award is based on need and desirability of the candidate.

PRESIDENT'S SCHOLARSHIP. This is a merit award made from College resources in recognition of a student's special skills and abilities. Renewal of the President's Scholarship requires that the recipient maintain a 3.0 CGPA.

RINDGE FACULTY FEDERATION SCHOLARSHIP. The Rindge Faculty Federation will grant two scholarships on an annual basis. Selection criteria will include grade point average, financial need, leadership skills, good social standing and other merits that faculty may feel distinguish a particular student.

Special Awards

For more information, consult the appropriate Division or Office.

- Peter B. Allan Memorial Award (Division of Humanities)
- Richard Eberhart Poetry Prize (Division of Humanities)
- Dot Hawkins Memorial Prize (Division of Natural Science)
- Marrer Award For Excellence In Mass Communication
(Division of 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 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
- Lambda Alpha (Anthropology)
- Phi Alpha Theta (History)
- Psi Chi (Psychology)
- Sigma Tau Delta (English)

Financial Aid

(See also Scholarships and Awards, page 194)

The Office of Financial Aid, located on the first floor of Rindge Hall, assists students in meeting educational expenses. Franklin Pierce College has a financial aid program which includes scholarships, grants, loans, and employment.

Mission, Goals, Objectives of the Financial Aid Office

Linked with the mission of the College, which is to offer a student-centered, higher educational opportunity to individuals committed to academic and personal achievement, the Financial Aid Office affirms and supports this goal by providing financial assistance to students who might otherwise be unable to attend.

Further, the Financial Aid Office exists to work in a partnership with the student and family to develop funding resources for educational expenses. The Financial Aid Office affirms the concept that the primary responsibility for funding a Franklin Pierce education rests with the student and family. By offering a complete program highlighted by effective customer service, sensitivity to family financial concerns, a full range of federal, state, and institutional financial aid programs, and linked to operational goals, mission, and vision of the institution, the Financial Aid Office exists to supplement the financial resources of the family in order to allow eligible students the opportunity to attend Franklin Pierce College.

The Financial Aid Office serves as a 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 2001-2002 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 \$28,700, with the average package being \$15,100.

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, and Mascenic High School Principal's Scholarship, the Franklin Pierce Family Scholarship, and all other programs with similar benefits.

In order to receive financial aid, students must have a high school diploma or its recognized equivalent. Additional details are available in the Financial Aid Office.

I. Need-Based Aid — From the College

There are several different types of need-based assistance available through Franklin Pierce College's 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

Early Financial Aid Option

Franklin Pierce College offers the opportunity to prospective students 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.

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 \$4,000 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 \$3,000 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 \$3,000 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 \$2,000 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 in the student's checking account.

There are a limited number of jobs available on campus to students who have not been awarded Student Employment as part of a financial aid award. Preference in hiring, however, is given to students with Student Employment awards. Interested students should check with the Financial Aid Office for details. An award of student employment indicates eligibility to apply for a campus job, but is not of itself a guarantee of employment.

State Grants

Students who are residents of most New England states or Pennsylvania may be eligible for their own State Grant Programs. If awarded a grant from any of these states, the student may use that money at Franklin Pierce College. Amounts vary per year, depending on need and availability of funds. Students from other states should check with their state awarding agency or the Financial Aid Office.

Governor's Success Grant

New Hampshire residents who have completed their freshman year may be considered for the Governor's Success Grant. Inquire at the Financial Aid Office for information.

International Student Scholarships

A limited number of scholarships are available to International Students, with the maximum being \$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 will be forwarded to all students applying to Franklin Pierce College. Specific instructions are provided with the FAFSA regarding completion and mailing.

The FAFSA should be filed by incoming students as soon after January 1 as possible in order to assure maximum consideration for all forms of aid for the following academic year.

A \$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.

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

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 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 institutional 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 FPC. If a student does not wish to participate he/she must inform the College, otherwise the eligibility information will be automatically sent to the New Hampshire Higher Education Assistance Foundation (NHHEAF).

PLUS — 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. Success Grant

Awarded by the Admissions Office to those students who show promise of success at Franklin Pierce, this award ranges from \$6,000 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 FPC, a scholarship equal to 30% of the second family member's tuition will be awarded. This scholarship will be equally divided between the two students so that they both will benefit.

4. Travel Assistance Program

Students who travel round-trip by air for the purpose of visiting Franklin Pierce College as part of their college decision-making process, will be credited with up to \$300.00 toward the tuition and fees for their first year of 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 194, Scholarships and Awards.

IV. Other Types of Aid

TREE (The Resource for Educational Expenses) Loan

Students may be eligible for this non-Federal loan offered through NHHEAF (New Hampshire Higher Education Assistance Foundation). Students may borrow a maximum of \$5,000 without a co-signer or \$10,000 with a co-signer. Maximum loan eligibility is limited to cost of education minus other aid awarded. To be eligible, borrowers must pass a credit analysis. The interest rate is variable. Repayment of principal and interest is deferred until 6 months after graduation, withdrawal, or dropping below half-time status.

Other Alternative Loan Programs

Franklin Pierce College has information on several privately financed alternative loan programs. Contact the Financial Aid Office for additional information.

Veterans Administration

All eligible veterans attending Franklin Pierce College should contact the Registrar's Office regarding eligibility for Veterans Administration or other benefits.

Private Scholarships

Students should attempt to locate scholarships for which they are eligible. Sources of information are high school guidance offices, charitable organizations, service organizations, employee credit unions, and college libraries. Students who receive private scholarships should notify the Financial Aid Office. Private scholarships are used to cover any unmet need and then to reduce loans and work.

Employment Off Campus

It is difficult to predict the availability of off-campus employment from year to year. For most of these opportunities, some form of personal transportation is required. Job openings will be posted by the Financial Aid Office.

Summary

The Financial Aid Office exists to work in a partnership with the student and family to ensure funding for educational expenses. Those individuals with a sincere interest in attending Franklin Pierce and having financial need will do well to spend their energies in searching for assistance both within and outside the College in order to fund their education. Students who devote their efforts in researching options available from their state, local high school, college, or civic organization will receive valuable information and potential sources of funding.

Admissions Information

The College admits those secondary school graduates who have a sincere desire for higher education, have demonstrated ability to acquire this education, and have evidenced good citizenship. Admission is open to all qualified applicants without regard to race, religion, physical disability, or ethnic origin. Applications are processed on a rolling basis; there is no application deadline.

Candidates considered for admission to Franklin Pierce College ordinarily must be graduates of an accredited secondary school unless qualified for early admission. Franklin Pierce College supports the efforts of secondary school officials and governing bodies to have their schools achieve regional accredited status to provide reliable assurance of the quality of the educational preparation of its applicants for admission.

Each entering student must submit evidence of adequate preparation for college. Sixteen units of secondary school work are required of each candidate, and the preferred distribution is as follows:

College Preparatory:

English	4 units
Mathematics	3 units
Sciences	2 units
Social Studies	3 units
Other	4 units

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 180 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:

- a) Attend a Franklin Pierce College Summer Session or a subsequent term at a Professional Studies campus and receive a grade of C or higher in two courses approved in advance by the Dean of Undergraduate Studies, or
- b) Attend another college and receive an average of 2.0 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, 2002.

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	\$26,490
Fall or Spring	\$13,245

The Comprehensive Fee includes:

Tuition (\$19,500), Room (\$3,780), and Board (\$3,150)

Note: This example is based upon a full-time student registered for a credit hour load of 12 through 16 credit hours per semester, a standard double or designed triple room, and the full meal plan of 19 meals per week.

General Fee — Non-Resident Students

Fall and Spring	\$19,560
Fall or Spring	\$9,780

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)	\$240
Room and Board (per term) Room (\$480), Board (\$400)	\$880

Deposits

Acceptance Deposit	\$200
This deposit is required of all new and readmitted students at the time of their acceptance and is an indication of a student's intention to enroll the next semester. The deposit is credited against the semester charges.	

Commitment Deposit	\$100
This deposit is required of all continuing students. It is payable by March 1st, and allows registration as an indication of a student's intent to return the next fall. The deposit is credited against the fall semester charges.	

Room Deposit	\$100
Returning students wishing to participate in the housing selection for the fall semester are required to make this deposit by March 1st.	
New and readmitted students are required to make a non-refundable \$100 deposit at the time that rooms are assigned and housing contracts issued. This would normally occur during the month of June.	
The deposit is credited against the fall semester charges.	

Contingent/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 206. The effective date of a withdrawal form is the date upon which the refunds will be determined. A student who leaves the College without completing the withdrawal form or who is suspended or dismissed from the College may not be entitled to a refund.

Withdrawal Prior to Fall Registration

The \$200.00 acceptance deposit required of new and readmitted students is refundable until May 1; after that date it will be forfeited. (Acceptance deposits for any term other than the September semester are non-refundable.)

The \$100.00 commitment deposit required of returning students is refundable until June 1 with proper completion of withdrawal form; after that date it will be forfeited.

The \$100.00 room deposit required of returning students is refundable until June 1 with proper completion of withdrawal form; after that date it will be forfeited.

Any of the above forfeited deposits will be credited toward any future charges if the student is readmitted.

Withdrawal for Regular Terms

Refunds of credit balances will be processed after completion of a withdrawal form and credits for fall or spring charges are applied to the student's account. Credits for fall and spring terms apply to tuition and on-campus room and board only and will be determined according to this schedule:

Within 14 days of first day of scheduled classes	80% credit
Within 21 days of first day of scheduled classes	60% credit
Within 28 days of first day of scheduled classes	40% credit
Within 35 days of first day of scheduled classes	20% credit
After 35 days of first day of scheduled classes	NO CREDIT

Withdrawal for Summer Sessions

Refunds of credit balances will be processed after completion of a withdrawal form and credits for summer charges are applied to the student's account. Credits apply for tuition and on-campus room and board only and will be determined according to this schedule:

Prior to registration	100% credit
Within 1 week of first day of scheduled classes	75% credit
Within 2 weeks of first day of scheduled classes	50% credit
After 2 weeks of first day of scheduled classes	NO CREDIT

Withdrawal from Individual Courses

No credit is applied when a student withdraws from individual courses after the end of the Add-Drop period. See page 181 for other relevant policies.

Refunds for Recipients of Federal Financial Aid

Students who withdraw before 60% of the term is completed will have their Federal financial aid eligibility calculated in direct proportion to the length of their enrollment. The percentage of time the student remained enrolled is the percentage of disbursable aid for that period that the student earned. A student who remains enrolled beyond the 60% point earns all aid for the period.

Return of Federal (Title IV) funds calculation is performed independently of institutional costs incurred for the period of enrollment.

The date of withdrawal used to calculate the last date of attendance will be the effective date of withdrawal noted on the official withdrawal form. Students who leave without completing an official withdrawal form or for whom an official withdrawal form is not completed will have their last date of attendance be the date of the last documented academically-related activity.

The student may be entitled to a post-withdrawal disbursement of Federal financial aid if the return of funds calculation indicates that the student earned more aid than was disbursed prior to withdrawal.

Additional information may be obtained from the Financial Aid Office.

Changes to Room and Meal Plans

Students who wish to make a change in their room or meal plan may do so only through Add/Drop week. No credits will be given for changes made after the last day of Add/Drop.

All freshmen are required to be on the 19 meal plan. Students living in Special Living Options may elect the 10, 15, or 19, or no meal plan. Any upperclassmen living in standard residence or Cheshire Hall must elect the 10, 15, or 19 meal plan. All changes must be made at the Residence Services Office.

Fines and Damages

Students are subject to financial fines or billings for such items as damages, parking violations, library fines, and other violations. Additional information is available in the Student Handbook .

The College will report delinquent accounts to a national credit bureau or refer the accounts for collection for the full amount due plus an amount sufficient to cover all collection and legal costs.

Other Charges

Credit Hour Charge (Extra Credit Hour beginning with the 17th credit hour or part-time, 1 through 11 credit hours)	\$652
Auditing Fee (non-credit/per credit hour)	150
Credit Hour Charge or Auditing Fee (High School Student, Senior Citizen (60+) or Alumni)	100
Health Fee* (subject to change)	375
Late Registration Fee (after close of registration)	100
Late Registration Fee (after close of Add-Drop period)	Additional 250
Parking Fee, Resident.	90
Parking Fee, Commuter	60
Transcript Fee (the fee must be sent with each written request for a transcript)	10
Transcript Overnight Service	20
Graduation Fee	125
Deferred Payment Plan Fee	100
Programming Fee	240
Late Payment Charge (1.0% per month on the unpaid balance)	
Technology Fee	350
ID Replacement Fee	25

** Students who enroll in the spring semester **only** are charged at half the rate. However, a student who enrolls in the fall is assessed at the full rate. Should the student leave before or during the spring semester, no part of the \$350 is refundable.*

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 July 15. Spring semester—Full semester balance paid by December 15.
10 Payment Plan:	Full year charges paid over 10 monthly installments beginning June 15 through March 15. Fee of \$100. The Plan is offered through Tuition Management Services.
12 Payment Plan:	Full year charges paid over 12 monthly installments beginning April 15 through March 15. 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 Bursar's office to be used at the College Store. Books and supplies may be purchased at the College Store either by cash, check, credit card or RAVENCARD included with the fall payment. For further information see the Student Handbook.

Transportation Department Fees

All requests for transportation must be made at least 48 hours in advance. We reserve the right to deny requests that do not comply with the 48-hour time period. Each request will be evaluated on an individual basis, and will take into account the availability of vans and drivers. We will attempt to comply with all bonafide emergency requests.

Cancellations must be made 24 hours in advance to avoid being billed the driver's fee. When cancelling a request, please do so by speaking with someone in Transportation or Security; do not rely on voice mail.

Rates are based on one way, per individual:

Monadnock and Cheshire Hospitals:

Flat rate of \$10 if an emergency.

Doctor Appointments:

Flat rate of \$10

Plus \$5.15 per hour if the driver has to wait more than one hour.

All Other Requests:

\$5.15 per hour, plus:

35 cents per mile if the driver is provided by the Transportation Department.

35 cents per mile if the individual/group provides an approved driver.

Any damage that is incurred will be paid for by the department utilizing the van.

Note: The Transportation Department is not responsible for any additional charges.
(fuel, parking, tolls, etc.)

Directory

President's Office

George J. Hagerty, *President*, B.A., Stonehill College, Ed.M., Ed.D., Harvard University

Mary C. Ferguson, *Executive Assistant*

Christian Arnold, *Secretary*, A.S., Greenfield Community College

Academic Affairs

Suzanne C. Buckley, *Provost and Vice President for Academic Affairs*, B.A., Regis College, M.A., Mount Holyoke College, Ph.D., Duke University

Paul M. Kotila, *Acting Dean of Undergraduate Studies, Professor - Biology and Environmental Science*, B.S., M.S., Michigan Technological University, Ph.D., University of Wisconsin

Joan Epro, *Assistant to the Vice President*, B.A., Brooklyn College, M.A., New York University

Kathleen M. Morley, *Assistant to the Provost for Institutional Research*, B.A., Lafayette College, M.A., Ph.D., University of Massachusetts at Amherst

Karen J. Brown, *Administrative Assistant*, B.A., Clark University

Academic Divisions

Behavioral Sciences

Craig W. Platt, *Division Chair, Professor-Psychology*, B.A., Simon's Rock College, M.A., Ph.D., Ohio State University

Sharon L. MacCartney, *Administrative Assistant*, B.A., Middlebury College, Ed.M., Harvard University

Nancy J. Gagnon, *Administrative Assistant, Education Department*

Business Administration

Kelly M. Kilcrease, *Division Chair, Assistant Professor-Management*, B.A., University of South Florida, M.B.A., Tampa College, Ph.D., The Union Institute

Karen Gauthier, *Administrative Assistant*, A.A., Mt. Wachusett Community College

Humanities

Douglas A. Ley, *Division Chair, Associate Professor - History*, B.A., Gettysburg College, M.A., Ph.D., University of Wisconsin

Deborah Sawyer, *Administrative Assistant*, A.A., Mt. Wachusett Community College

Natural Sciences

Frederick S. Rogers, *Acting Chair, Division of Natural Sciences, Associate Professor - Geology*, B.A., M.S., University of Massachusetts, Ph.D., University of Iowa

Kelley Wickman, *Administrative Assistant*

Visual and Performing Arts

Robert E. Diercks, *Division Chair, Professor-Graphic Communication*, B.F.A., Maryland Institute College of Art, M.A., University of New Mexico, M.F.A., Pennsylvania State University

Torri J. Haskell, *Administrative Assistant*

Anna R. Thomford, *Costume Coordinator - Theatre Arts*

Academic Services Center

Frederick D. Bennett, *Coordinator of Academic Accommodations*, B.A., Cornell University, M.Ed., Boston University

Teresa Downing, *Coordinator of Advising*, B.A., University of New Hampshire, M.Ed., Antioch New England Graduate School

Debra M. Strickland, *Coordinator of Learning Assistance*, B.S., M.A., Ph.D., University of Oklahoma

Maureen P. Baptiste, *Language Skills Specialist*, B.S., State College of Boston, M.Ed., Northeastern University

Cindy Ryer, *Learning Specialist*, B.A., Keene State College

Lisa T. Pelkey, *Administrative Assistant*

Admissions

Lucy C. Shonk, *Dean of Admissions*, B.S., Emerson College, M.Ed., Keene State College, M.F.A., Boston University

Richard J. Johnstone, *Senior Associate Director of Admissions*, B.A., Nichols College, M.S.Ed., Hofstra University

Thomas K. Disch, *Associate Director of Admissions*, A.S., Broome Community College, B.S., State University of New York at Binghamton, M.B.A., Frostburg State University of Maryland

Mary E. Gowdy, *Assistant Director of Admissions*, B.S., University of New Hampshire

Kenneth W. Greenwood, *Assistant Director of Admissions*, B.S., Fitchburg State College

Linda P. Quimby, *Admissions Counselor*, B.S., University of Massachusetts

Elizabeth D. Pursell, *Office Manager*

Joanne M. Petelle, *Receptionist*, B.S., Lyndon State College

Cheryl Flood, *Records Specialist*

Sandra V. Phinney, *Records Specialist*

Athletics

Bruce M. Kirsh, *Vice President/Athletic Director*, A.A., Stevens College, B.A., Franklin Pierce College

Doug Monson, *Sports Information Director*, B.A., Franklin Pierce College

Cynthia A. Arman, *Assistant Athletic Director/Head Athletic Trainer*, B.S., Niagara University

Jeffrey R. Bailey, *Assistant Athletic Director/Women's Soccer Coach*, B.S., University of Manchester, England, B.S., Franklin Pierce College

David M. Chadbourne, *Men's Basketball Coach*, B.S., St. Joseph's College

Jayson King, *Baseball and Women's Volleyball Coach*, B.A., Framingham State College, M.S., Springfield College

Marco Koolman, *Men's Soccer Coach*, B.A., M.S., Gannon University

Jay McCormack, *Men's Ice Hockey and Men's Lacrosse Coach*, B.S., Franklin Pierce College

Judy Heddy, *Women's Field Hockey and Women's Lacrosse Coach*, B.S., Neville's Cross College, M.S., Montclair State College

Mark Swasey, *Women's Basketball Coach*, B.A., Lyndon State College, M.Ed., Keene State College

Florence L. Russo, *Assistant Athletic Trainer/ Assistant Softball Coach*, B.S. University of Massachusetts at Boston, M.A., Framingham State College

Joanne Cote, *Administrative Assistant*

Bookstore (Follett Higher Education Group)

Kristine A. Baker, *Store Manager*, B.A., Mt. Ida College

Emily DeMaria, *Assistant Manager*, B.A., Franklin Pierce College

Cynthia G. Martin, *Textbook Manager*

Roxanne Montverde, *General Merchandise Manager*

Joan Garuti, *Shipping and Receiving Manager*, B.S., University of New Hampshire

Campus Safety and Transportation

William B. Sweet, *Director*, A.S., Hawthorne College

Thomas H. Stone, *Sergeant*

Richard Call, *Sergeant*

Safety Officers:

Craig Bourque, Melonnie A. Briggs, Marilyn Lyons, Robert Novak, Darel Oja, John Vargas-Cifirino, Earl Patria, Jr., William Valente

Switchboard/Dispatch Operators:

Muriel Charlonne, Julie Labonte, Victoria Skowronek

Career Planning & Placement

Rosemary Nichols, *Director*, A.S., Greenfield Community College, B.S., Lesley College, M.Ed., Springfield College

College Relations

Robert J. Condon, Jr., *Senior Vice President*, B.S., M.Ed., Springfield College

Anne K. Blake, *Director of Alumni Relations*, B.A., M.A., Stonehill College

Mark J. Drozdowski, *Director of Foundation, Corporate and Government Relations*
B.A., University of Pennsylvania, Ed.M., Ed.D., Harvard University

Kathleen N. Williams, *Director of Marketing and Communications*, B.A. Boston University, A.A.S., Chamberlayne School of Design and Merchandising, M.A., Framingham State College

Melinda Sines, *Manager of Research and Stewardship*, B.B. A., Kent State University

Pamela Norton, *Assistant Director of Development and Annual Giving*, B.A., Salem-Teikyo University

Vicki K. Doyle, *Information Resources and Gift Processing Administrator*

Barbara Gilmartin, *Event Manager*, A.S., Mount Wachusett Community College

Laurie D. Alden, *Administrative Assistant*, B.S.E., State University of New York at Cortland

Conference Center

Stella M. van Renesse-Walling, *Director*, B.A., Mount Holyoke College

Counseling and Human Development Center

Paula-Ayn Phillips, *Director of Counseling and Human Development Center*, B.A., West Chester University, M.S., State University of New York, Oneonta

Maureen O'Brien, *Counselor*, B.A., Trinity College (Washington D.C.), M.S.S.A., Case Western Reserve University

Enrollment Services

Robert J. Condon, Jr., *Senior Vice President*, B.S., M.Ed., Springfield College

Thomas E. Desrosiers, *Dean Emeritus*, B.A., University of New Hampshire, M.A., Tulane University, Diplôme, Université de Nice

Facilities

John Weir, *Interim Facilities Supervisor*

Thelma D'Allessio, *Office Manager*

Maintenance:

Frank A. Angier, *Grounds Coordinator*

Al Perry, *Carpenter*

Jim Denno, *Mechanic*

Eric Nelson, *Locksmith*

Roland Pillsbury, *General Maintenance*

Bob Budd, *Groundskeeper*

Bob Jones, Groundskeeper

Rob Hannings, Electrician

Mike Ryan, Groundskeeper

Jean St. Pierre, Airframe Technician

Environmental Services Technicians

Management Team: **John R. Valeri, Carpet/Floor Lead Technician**
Angie Norwood, Distribution Coordinator
Torri Blair, Lead Technician
Jeff Klardie, Lead Technician
Lisa Lawrence, Lead Technician

Carpet/Floor Technicians: **Craig Ogden, Vanessa Williams, Leigh Hickman**

Technician 1: **Patricia Boscarino, Cindy LaFrenier, Dawn Prescott, Matthew Scott**
Laurie Truehart, Paul F. Weber, Julie Yaeger

Technician 2: **Diana Blais, Darlene Caisse, Jessica Campbell, Linda Cole,**
Nancy Ringland, Rita Spero, Brenda Walkenen, Darrel Woods

Financial Aid

JoEllen Soucier, Director of Financial Aid, B.S., Franklin Pierce College, M.B.A., Southern
New Hampshire University

Shannon Huard, Assistant Director of Financial Aid, B.A., Assumption College

Holly Drouin, Assistant Director of Financial Aid, B.S., Franklin Pierce College

Gayle S. Bosworth, Office Manager

Suzanne Connors, Loan Coordinator

Paula Aucoin, Secretary/Receptionist

Cynthia Freda, Financial Aid Specialist

Financial Services

James Kraai, Vice President of Finance, D.A., Calvin College, M.A., Western Michigan
University, M.B.A., University of Chicago, Ed.D., Western Michigan University

Sandra Quaye, Director of Financial Services, B.S., Fitchburg State College

Nancy C. Nye, Bursar, B.S., Franklin Pierce College

Phyllis A. Romano, Assistant Director of Financial Services

Audrey Williams, Loan Servicing Specialist

MaryRose Sideleau, GPS Billing Specialist

Janet E. Gongaju, Billing Specialist

Marylou Duval, Billing Specialist

Lucille Decatur, Billing and Collections Specialist

Kerry Gallant, Payroll Specialist

Tauna Calise, Accounts Receivable Specialist

Kathleen Mahoney, Staff Accountant

Patricia Sprague-Dixon, Collection and Loan Servicing Manager

Lisa Sillanpaa, Accounts Payable Specialist

Kelly LaPrade, Staff Accountant

Food Services (Sodexho)

Kim Knox, General Manager

Nancy McMillan, Operations Manager

David Orgaz, Catering Manager

Mary O'Connor, Office Manager

Graduate and Professional Studies

Raymond V. Van der Riet, *Dean of Graduate and Professional Studies*, B.A., Loyola Marymount University, J.D., Franklin Pierce Law Center, M.I.M., American Graduate School of International Management

Jean Blacketor, *Assistant Dean of Professional Studies*, B.Ed., M.Ed., Keene State College, E.Ed., Vanderbilt University

Robert Goddard, *Assistant Dean of Graduate Business Studies*, M.S., Antioch/New England Graduate School, M.A., Ph.D., The Fielding Institute

Shirley A. English, *Administrative Manager*, A.A., Franklin Pierce College

Vicki Rank, *Administrative Assistant*, A.A., Franklin Pierce College

Paula Fruin, *Administrative Assistant*, B.A., Rivier College

Concord Campus

Major Wheelock III, *Regional Director*, B.S., Keene State College, M.B.A., Franklin Pierce College

Andrea Nepveu, *Assistant Campus Director*, B.S., New Hampshire College

Elaine Way Coeyman, *Office Manager*

Brenda Benner, *Secretary/Receptionist*

Alecia Farquhar, *Secretary/Receptionist*, A.A., Franklin Pierce College

Keene Campus

Andrea M. Brode, *Regional Manager*, B.S., M.B.A., Franklin Pierce College

Constance Koonz, *Assistant Director*, B.A., Keene State College

Frances M. Allen, *Office Manager*, B.A., Southwest State University

Lebanon Campus

Karen Stewart, *Campus Director*, B.A., M.A., University of Vermont

Nancy D. Kramer, *Assistant Campus Director*, B.A., Marietta College

Tara Tyminski, *Secretary/Receptionist*

Nashua Campus

Karen Grant, *Campus Director*, B.S., Franklin Pierce College, M.Ed., Rivier College

Dawn Deurell, *Assistant Campus Director*, B.A., Keene State College, M.Ed., University of South Carolina

Leigh Daigneault, *Administrative Assistant*

Susan Morley, *Secretary/Receptionist*

Portsmouth Campus

M. Dermot O'Brien, *Campus Director*, B.A., M.A., Boston College

Kathleen Hileman, *Assistant Campus Director*, B.A., Montclair State University, B.S., Franklin Pierce College

Linda M. Hamilton, *Office Manager*

Zulma Carlson, *Secretary/Receptionist*

Bobbi Jo Gerry, *Administrative Assistant*

Gayle Beaupre, *Secretary/Receptionist*

Salem Campus

Loraine Hobausz, *Campus Director*, B.S., University of New Hampshire, M.B.A., Plymouth State College

Ruth Barieau, *Assistant Campus Director*, B.S., University of New Hampshire, Graduate Certification, Notre Dame College

Nicole St. Pierre, *Administrative Assistant*, B.A., Bradford College
Erin Leosz, *Secretary/Receptionist*

Health Services

Lee Potter, R.N., C., *Director*
Abraham Dearani, M.D., *Medical Director*
Lynne Brookshire, A.R.N.P., *Nurse Practitioner*
Ellen Ostriecher, A.R.N.P., *Nurse Practitioner*
Kathleen Brandes, R.N., B.S.N., *Nurse*
Elizabeth Michaels, R.N., *Nurse*
Maureen Peters, R.N., B.S.N., *Nurse*
Marianne Anderson, *Administrative Assistant*

Human Resources

John J. Mims, *Director of Administrative Services*, B.A., Rhodes College, M.Div., Union Theological Seminary in Virginia
Kristin Riordan, *Assistant Director*, B.A., Mount Holyoke College, M.A., Assumption College
Donna J. Hazleton, *Personnel Assistant*, A.S., Bay Path Junior College
Susan Casey, *Administrative Assistant*
Kelley Smith, *Secretary*

Individual and Community Integrated Curriculum

Sarah T. Dangelantonio, *Coordinator*, B.A., Spring Hill College, M.A., Saint Louis University, Ph.D., University of Georgia

Information Technology

Carole Monroe, *Director*, B.A., Western Connecticut State University, M.B.A., University of Connecticut
James Van Campen, *Web Site Manager*, A.A., Northwood University, Web Design Certification

Application Support

Beth Anderson, *Applications Analyst*
Paul Cutting, *Applications Analyst*
Edward Pelton, *Applications Analyst*, B.S., Franklin Pierce College

Network Management

Joanne Normandin, *Network Manager*
Werner Poegel, *Technology Support Analyst*, A+ Certification
Mike Sensabaugh, *Network Analyst*, B.S., Franklin Pierce College, A.O.S., Alfred State College
Dawn Zipps, *Technology Support Analyst*, A.A., Mt. Wachusett Community College, A+ Certification

Telecommunications

Janice L. Murphy, *Director of Telecommunications*, Certificate in Telecommunications, Ericsson Business Communications, Certificate in Voice Communications, VMX, Inc.
David J. O'Brien, *Network Analyst*, A.S., Beal Business College
Marion Stone, *Telecommunications Coordinator*, B.S., Keene State College

International Student Services

Susan Oehlschlaeger, *Director*, B.A., Hartwick College, M.Ed., Notre Dame College

E. Taylor Morris III, *Coordinator of International Programs*, B.A., Franklin Pierce College

Library Resource Center

Mary E. Ledoux, *Director of Library Services*, B.A., St. Anselm College, M.L.S., Kent State University

Anthony M. Krier, Jr., *Reference/Serials Librarian*, B.A., Northeastern Illinois University, M.L.I.S., Rosary College

Leslie Inglis, *Public Services Librarian*, B.A., University of New Hampshire, M.S.L.I.S., Simmons College

Melissa M. Stearns, *Technical Services Librarian*, B.A., Bates College, M.L.S., State University of New York, Albany, M.Ed., Keene State College

Denise Hamilton, *Reference Librarian*, B.A., Loyola University, M.Ed., University of Louisville, M.S.L.S., University of Illinois

Anne Ostendarp, *Archivist*, B.A., University of Massachusetts, Amherst, M.L.S., State University of New York, Albany

Meredith M. Martin, *Library Technical Services Assistant*, B.A., Denison University

Barbara Jill Wixom, *Circulation Manager*, B.A., Michigan State University, M.A., University of Wisconsin

Michael McNerney, *Media Services Coordinator*, B.S., M.Ed., Bowling Green State University

Elizabeth Pollock, *Library Assistant*, B.A., Queens College

Mary F. Ley, *Library Assistant*, B.S., University of Wisconsin at Madison

Andrea Torrisi, *Library Assistant*

Monadnock Institute of Nature, Place and Culture

John R. Harris, *Executive Director*, B.A., M.A., Ph.D., University of North Carolina at Chapel Hill

Post Office

Lurene K. Bell, *Supervisor*

Georgina Boulay, *Postal Clerk*

Purchasing

Robert St. Jean, *Director of Purchasing and Campus Services*

Registrar

Susan R. Chamberlin, *Registrar*, B.A., Antioch College, M.Ed., Keene State College, Ph.D., Boston College

Sandra L. Pyer, *Office Manager*

Rebecca Weidner, *Records Specialist*, B.A., Keene State College

Joleen I. Little, *Records Specialist*, A.A., Commercial Extension, Omaha, Nebraska

Student Affairs

James P. Earle, *Vice President for Student Affairs*, B.A., New England College, M.A., Ph.D., University of Connecticut

Jules Tetreault, *Director of Residential Life and Judicial Affairs*, B.A., Franklin Pierce College, M.A., Northeastern University

Mary Call, *Administrative Coordinator of Residential Operations*

Scott Ansevin-Allen, *Director of Student and Cultural Activities*, B.A., Earlham College, M.S., Eastern Michigan University

Michelle A. Bulger, *Assitant Director of Student and Cultural Activities*, B.S., M.Ed., Salisbury State University

Marabeth Farmer, *Coordinator of Community Services*, B.S., Florida State University

Mary Ann Damato, *Campus Minister*

Margaret A. Collum, *Secretary, Residential Life*

Cathy Underwood, *Secretary, Student Affairs*, A.S., Mt. Wachusett Community College, B.S., Franklin Pierce College

Angela Bulone, *Residential Experience Director*, B.A., Fordham University

Kenneth Ervin, *Residential Experience Director*, B.S., Franklin Pierce College

Ahmad Boura, *Residential Experience Director*, B.A., Beirut Arab University, M.B.A., Franklin Pierce College

Michael Buckley, *Residential Experience Director*, B.A., Castleton State College

Darya Welker, *Residential Experience Director*, B.A., Hobart and William Smith College

Teacher Certification

Gary S. Rook, *Coordinator of Teacher Education Conversion Program*, B.A., Northeastern University, M.Ed., University of Massachusetts

Faculty

Jefferson K. Allen, *Assistant Professor - Criminal Justice*, B.S., St. Anselm College, J.D., New England School of Law

Bonnie C. Black, *Professor - Sports and Leisure Management*, B.S.P.E., University of Florida, M.A., Ed.D., University of Northern Colorado

Richard Block, *Professor - Graphic Communications/Information Technology*, B.A., Harpur College of the State University of New York at Binghamton, M.F.A., Milton Avery Graduate School of Arts, Bard College

David E. Brandes, *Professor - Music*, B.Mus., New England Conservatory, M.Mus., Boston University

Carl T. Brezovec, *Professor - Mathematics*, B.A., Saint Vincent College, M.S., Ph.D., Carnegie Mellon University

Davina Brown, *Professor - Psychology*, B.A., M.A., Ph.D., University of Toledo

Suzanne C. Buckley, *Provost and Vice President for Academic Affairs, Professor - History*, B.A., Regis College, M.A., Mount Holyoke College, Ph.D., Duke University

Gerald T. Burns, *Professor - English*, B.A., University of Notre Dame, Ph.D., Yale University

Richard L. Burns, *Professor - Biology*, B.A., M.S., University of Massachusetts, Ph.D., University of New Hampshire

Nathan Cervo, *Professor (Ret.) - English*, B.A., M.A., University of Connecticut, Ph.D., University of Toronto

Douglas F. Challenger, *Associate Professor - Sociology*, B.A., High Point College, M.A., Ph.D., Syracuse University

Robert Coburn, *Professor - Accounting*, B.A., American International College, M.B.A., University of Massachusetts

Frank S. Cohen, *Assistant Professor - Political Science*, B.S., Bradley University, Ph.D., State University of New York at Binghamton

Kelli Ann Costa, *Assistant Professor - Anthropology*, B.A., Goddard College, M.A., Ph.D., University of Massachusetts at Amherst

- Sarah T. Dangelantonio**, *Professor - English, Coordinator, Individual and Community Integrated Curriculum*, B.A., Spring Hill College, M.A., Saint Louis University, Ph.D., University of Georgia
- Harry G. Davis**, *Professor - Biology*, B.S., University of Maine, Ph.D., University of Florida
- Edward J. Dennis**, *Professor - Economics*, B.S., United States Merchant Marine Academy, M.A., M.A.L.D., Fletcher School of Law and Diplomacy, Tufts University
- Loretann Devlin-Gascard**, *Associate Professor - Art History*, B.A., Fairleigh Dickinson University, M.A., Montclair State College, Ph.D., Freie Universität of Berlin
- Robert E. Diercks**, *Professor - Graphic Communications, Chair, Division of Visual and Performing Arts*, B.F.A., Maryland Institute College of Art, M.A., University of New Mexico, M.F.A., Pennsylvania State University
- Joan R. Dion**, *Assistant Professor - English*, B.Ed., Keene State College, M.A.T., Keene State College
- Normand A. Dion**, *Professor - Mathematics*, B.Ed., Keene State College, M.N.Sci., Worcester Polytechnic Institute
- Lee A. Dunholter**, *Professor - Theatre Arts*, A.S., University of Cincinnati, B.A., Franklin Pierce College, A.L.M., Harvard University
- Wendy B. Dwyer**, *Associate Professor - Dance*, B.A., University of Rochester, M.F.A. Sarah Lawrence College
- Sudarshan Erramilli**, *Professor - Computer Science*, M.S., Osmania University, M.S., University of North Texas, Ph.D., Sri Venkateswara University
- J Forbes Farmer**, *Professor - Sociology/Social Work and Counseling*, B.A., University of New Hampshire, M.A., Atlanta University, Ph.D., Boston University
- Robert Emmett Flynn**, *Associate Professor - English, History*, B.A., Harvard University, M.A., Stanford University, Ph.D., Harvard University
- William B. Flynn, Jr.**, *Associate Professor - Psychology, Social Work and Counseling*, B.A., Lyndon State College, M.A., C.A.G.S., Assumption College, Ed.D., Boston University
- Benjamin G. Gardiner**, *Professor - Accounting*, B.S., M.S.T., Bentley College, M.B.A., New Hampshire College, Certified Public Accountant, New Hampshire
- Robert G. Goodby**, *Assistant Professor - Anthropology*, B.A., University of New Hampshire, M.A., Ph.D., Brown University
- George J. Hagerty**, *President, Professor - Political Science and Education*, B.A., Stonehill College, Ed.M., Ed.D., Harvard University
- Gary Heald**, *Assistant Professor - Computer Science*, A.S., Mount Wachusett Community College, B.S., Franklin Pierce College
- Frank Hubacz, Jr.**, *Associate Professor - Chemistry*, B.S., Worcester State College, M.S.T., University of New Hampshire
- William H. Jack, Jr.**, *Professor - Psychology*, B.A., Valparaiso University, M.A., Western Michigan University
- William P. Jenisch**, *Professor - Fine Arts*, B.A., University of New Hampshire, M.A., University of Iowa
- Mary C. Kelly**, *Assistant Professor - History*, B.A., M.A., University College Galway, Ph.D., Syracuse University
- Kelly Kilcrease**, *Assistant Professor - Management, Chair, Division of Business Administration*, B.A., University of South Florida, M.B.A., Tampa College, Ph.D., The Union Institute
- Emlee C. Kohler**, *Assistant Professor - Psychology*, B.S., Heidelberg College, M.A., Ph.D., Bowling Green State University
- Paul M. Kotila**, *Acting Dean, Professor - Biology and Environmental Science* B.S., M.S., Michigan Technological University, Ph.D., University of Wisconsin

Anthony M. Krier, Jr., *Assistant Professor - Reference/Serials Librarian*, B.A., Northeastern Illinois University, M.L.I.S., Rosary College

Robert Lawson, *Associate Professor - Theatre Arts*, B.A., Vassar College, M.F.A., New York University

Mary E. Ledoux, *Associate Professor, Director of Library Services*, B.A., St. Anselm College, M.L.S., Kent State University

Jerome D. Levine, *Assistant Professor - Criminal Justice*, B.A., University of Massachusetts, Amherst, M.Ed., Lesley College, Ph.D., Brandeis University

Douglas A. Ley, *Associate Professor - History, Chair, Division of Humanities*, B.A., Gettysburg College, M.A., Ph.D., University of Wisconsin

Jason Little, *Assistant Professor - Marketing; Computer Science/Natural Sciences*, B.Mus., Keene State College, M.B.A., New Hampshire College

David MacAllister, *Professor - Fine Arts*, B.A., University of New Hampshire

Linda A. Malmgren, *Professor - Biology*, B.A., Bridgewater State College, M.S., Ph.D., University of Connecticut

Robin F. Marra, *Professor - Political Science*, B.S., St. Lawrence University, M.A., Ph.D., Michigan State University

James F. Maybury, Jr., *Professor - English*, B.A., American International College, M.A., Ph.D., University of Massachusetts

Chip McGee, *Visiting Assistant Professor - Secondary Education*, B.A., Brown University, M.B.A., Columbia Business School

Alana Mosley, *Associate Professor - Elementary Education*, B.A., M. Ed., University of New Hampshire, Ph.D., Boston University

Bryan L. O'Neil, *Associate Professor - Finance*, B.A., Merrimack College, M.B.A., Suffolk University, Ed.D., Nova University

Catherine R. Owen, *Associate Professor - Environmental Science*, B.A., Bowdoin College, M.S., University of California, Davis, Ph.D., University of Wisconsin, Madison

Debra S. Picchi, *Professor - Anthropology*, B.A., State University of New York at Buffalo, M.A., Ph.D., University of Florida

Craig W. Platt, *Professor - Psychology, Chair, Division of Behavioral Sciences*, B.A., Simon's Rock College, M.A., Ph.D., Ohio State University

William C. Preston, *Professor - Biology*, B.A., Bowdoin College, M.A., University of Massachusetts, Ph.D., University of Michigan

Maryann Previti, *Assistant Professor - Elementary Education*, B.A., M.Ed., Trenton State College, Ph.D., Boston College

Allan Rachlin, *Associate Professor - Sociology*, B.A., State University of New York at Cortland, M.A., Arizona State University, Ph.D., State University of New York at Buffalo

Donna Decker Reck, *Assistant Professor - English*, B.A., State University of New York, Albany, M.A., Salem State College

Frederick S. Rogers, *Associate Professor - Geology, Acting Chair, Division of Natural Sciences*, B.A., M.S., University of Massachusetts, Ph.D., University of Iowa

Richard D. Roth, *Associate Professor - Mass Communication*, B.S., State University of New York, Brockport, M.A., University of Pittsburgh, M.S., Syracuse University, Ph.D., University of Pittsburgh

Paul E. Scharfenberger, *Associate Professor - Music*, B.Mus., University of Lowell, M.A., Keene State College

Richard R. Silvestro, *Associate Professor - Theatre Arts*, B.S., State University of New York, College at Brockport, M.F.A., Yale School of Drama

Rhine Singleton, *Assistant Professor - Environmental Science/Biology*, B.A., University of Virginia, M.S., University of Oregon, Ph.D., Cornell University

John Soares, Jr., *Assistant Professor - Mass Communication*, B.A., Providence College, M.A., Emerson College, J.D., Syracuse University School of Law

Melissa M. Stearns, *Associate Professor - Technical Services Librarian*, B.A., Bates College, M.L.S., State University of New York, Albany, M.Ed., Keene State College

Nancy R. Stone, *Professor - Theatre Arts*, B.S., Kansas State University, M.F.A., Boston University

John A. Valente, *Associate Professor - Mathematics*, B.A., Wesleyan University, M.S., University of Massachusetts

John Villemaire, *Assistant Professor - Secondary Education*, B.S., University of Vermont, M.A., Keene State College, Ed.D., University of Massachusetts at Amherst

Frederick J. Walsh, *Professor - Business Law and Accounting*, B.A., Dartmouth College, J.D., New England School of Law

Robert F. Wiesenauer, *Professor (Ret.) - Economics and Management*, B.S., United States Naval Academy, M.P.A., University of Oklahoma, D.B.A., Nova University

Margaret S. Ziegler, *Professor (Ret.) - Sports and Leisure Management, Geography*, B.A., Bates College, M.S., Indiana University

Phyllis S. Zrzavy, *Professor - Mass Communication*, B.S., B.Phil., M.Ed., Miami University, Ph.D., Bowling Green State University

Professors Emeriti

William J. Ball, *Professor Emeritus - Humanities*, B.A., M.A., Rutgers University

Kenneth P. Marrer, *Professor Emeritus - Mass Communication*, B.Ed., Keene State College, M.Ed., University of New Hampshire, Ed.D., Boston University

George R. Michaelides, *Professor Emeritus - Economics*, B.S., Georgetown University, M.B.S., Wharton Graduate School, University of Pennsylvania, Ed.D., Nova University

Francis Moriarty, *Professor Emeritus - History*, B.A., American University, M.A., University of Wisconsin

Stanley M. Polan, *Professor Emeritus - Philosophy and Religion*, B.A., Sacred Heart Seminary, S.T.L., Pontifical Gregorian University, S.S.L., Pontifical Biblical Institute, M.S./C.S., Rivier College

Adjunct Faculty

Marybeth Failla Amodio, *Lecturer - English*, B.S., University of Hartford, M.A., State University of New York at Stony Brook

Bronwyn Asplund, *Lecturer - Mass Communication*, B.A., Central Michigan University, M.A., University of Hawaii, J.D., Franklin Pierce Law Center

Delynn Rae Barnhisel, *Lecturer - Natural Sciences*, B.S., University of Wisconsin, MS., University of Michigan, Ph.D., Michigan Technological University

Michael W. Barrett, *Lecturer - English*, B.A., West Liberty State College, M.A., West Virginia University

Laurel E. Browne, *Senior Lecturer - Music*, B. Mus., University of Lowell

Paul D. Bush, *Senior Lecturer - Mass Communication*, B.A., Bucknell University, M.A., Vermont College of Norwich University

Catherine Cauthorne, *Lecturer - Psychology*, B.A., Ph.D., University of North Carolina at Chapel Hill

Joseph Castiglione, *Distinguished Fellow*, M.A., Syracuse University

Katherine Coker-Cronin, *Senior Lecturer - Fine Arts*, A.A., Foothill College, B.A., San Francisco State University

William Costa, *Senior Lecturer - Behavioral Sciences*, B.A., M.A., Goddard College

Anthony Dangelantonio, *Lecturer-Humanities*, B.A., St. Joseph's University, M.A., St. Louis University, J.D., Franklin Pierce Law Center

Peter Dixon, *Lecturer - Fine Arts*, B.F.A., Pratt Institute

Joni Doherty, *Senior Lecturer - Humanities*, B.F.A., University of New Hampshire, M.A., Simmons College

James (Jed) E. Donelan, *Senior Lecturer - Philosophy*, Philosophy, B.A., Boston College, Ph.D., State University of New York at Stony Brook

R. Patrick Gates, *Lecturer - Humanities*, B.S., Fitchburg State College

Reed G. Gildner-Blinn, *Lecturer - Humanities*, B.F.A., University of Northern Iowa, M.F.A. Columbia University

James G. Gorman, *Distinguished Fellow*, B.A., Stonehill College, M.Ed., Bridgewater State College

John R. Harris, *Lecturer - English*, B.A., M.A., Ph.D., University of North Carolina at Chapel Hill

Peter D. Hipson, *Lecturer - Computer Science*, B.S.E.E., Litcom Technical Institute, M.E., Asian Institute of Technology

Ralph O. Hjelm, *Lecturer - Philosophy*, B.A., Upsala College, B.D., Augustana Theological Seminary, S.T.M., Union Theological Seminary, Ph.D., Harvard University

Peggy Rae Johnson, *Lecturer - Theatre Arts*, M.A., University of Illinois

Robert Johnson, *Lecturer - Music*

Robert G. Koch, *Lecturer - Behavioral Sciences*, B.A., Nathaniel Hawthorne College, M.A., Lesley College

Jordana D. Korsen, *Lecturer - Glassblowing*, B.A., Franklin Pierce College

Leslie Kozaczek, *Lecturer - Humanities*, B.A., Franklin Pierce College

Susan S. Link-Silverman, *Lecturer - Fine Arts*

Miriam L. Lockhart, *Lecturer - Spanish*, B.A., Mount Holyoke College, M.A., Clark University

Nickolas Lupinin, *Senior Lecturer*, B.A., Syracuse University, M.A., Ph.D., New York University

Kathleen G. Manfre, *Lecturer - Theatre Arts*, B.A., University of Dayton, M.A., University of Northern Colorado

Leo R. McCarter, *Lecturer - English*, B.A., Atlantic Union College, Ph.D., Boston College

Richard R. Mitchell, *Lecturer - Computer Science*, B.S., University of Illinois, M.S., University of New Haven

Denise G. Nolan, *Lecturer - Music*, B.Mus., Keene State College, B.S., Franklin Pierce College

Floyd D. Oster, *Lecturer - Music*, A.A., Keene State College

Richard L. Page, *Lecturer - Music*, B.A., Westfield State College

Susan R. Rolke, *Lecturer - Natural Science*, B.S., Keene State College

Patricia Scannell, *Lecturer - English*, B.A., Merrimack College, M.A., Emerson College, M.A., University of Massachusetts

Cornelia Schwartz, *Lecturer - Music*, B.M., M.M., Julliard School

James Sky, *Lecturer-English*, B.A., Franklin Pierce College, M.A., Wright State University

Elsa Voelcker, *Lecturer - Fine Arts*, B.A., Boston University, M.F.A., Visual Studies Workshop, State University of New York, Buffalo

Blake Wood, *Lecturer - Mass Communication*, Germaine School of Photography, Franklin Institute

Dennis J. Warnesky, *Lecturer - Graphic Communications*, B.A., Boston University

Graduate Division Faculty

Faculty

Norma Saba Corey, *Associate Graduate Faculty*, B.A., University of Massachusetts; M.Ed., Ed.D., Harvard University

Martin Green, *Associate Graduate Faculty*, B.S., University of Maine, M.P.A., George Washington University, D.P.A., Virginia Commonwealth University

Donald O'Neil, *Associate Graduate Faculty*, B.S., Tufts University, M.B.A., Ph.D., University of California, Los Angeles

Allen Richards, *Associate Graduate Faculty*, B.A., Northwestern; M.S., Montana State University; Ph.D., Iowa State University

Stephen M. Smith, *Associate Graduate Faculty*, B.A., M.B.A., University of New Hampshire, M.Ed., Ed.D., University of Massachusetts

Michael Abruzzese, *Assistant Graduate Faculty*, B.S., M.B.A., Suffolk University

Adjunct Faculty

John J. Botta, Jr., B.A., Seton Hall University, J.D., New York Law School

William Dickson, B.Arch., M.C.D., Liverpool University

Anthony Fabrizio, B.S., Merrimack College, M.B.A., University of Lowell

Mark Friedman, B.A., Dartmouth College, M.I.A., Columbia University

Denise Hamilton, *Reference Librarian*, B.A., Loyola University, M.Ed., University of Louisville, M.L.S., University of Illinois

Anne Ostendarp, *Archivist*, B.A., University of Massachusetts, Amherst, M.L.S., State University of New York, Albany

Richard P. Riddle, B.S., M.B.A., New Hampshire College

William Rose, B.S., Stonehill College, M.B.A., Anna Maria College

L. Phillips Runyon III, B.S., Washington & Lee University, J.D., University of Virginia School of Law

Board of Trustees

Leslye Arsht, Washington, D.C.

Lloyd Astmann, Paramus, New Jersey

Delcie D. Bean, Dublin, New Hampshire

Zedediah Bowen, Richmond, Virginia

James T. Brett, Boston, Massachusetts

John J. Cronin III, Bennington, New Hampshire

James P. Fallon, Chappaqua, New York

Marlin Fitzwater, Deale, Maryland

Christopher J. Flynn, *Chairman*, Alexandria, Virginia

Stanley B. Fry, Peterborough, New Hampshire

Carmine C. Giangreco, Greenwood Lake, New York

Cyrus W. Gregg, Milford, New Hampshire

George J. Hagerty, *President, Franklin Pierce College*, Keene, New Hampshire

Alfred N. Marulli, Jr., Palm Beach, Florida

Kim M. Mooney, Canton, New York

Bernard M. Mucci, New York, New York

Arthur M. Pappas, M.D., Worcester, Massachusetts

Charles Paquette, Keene, New Hampshire

Robert M. Patterson, North Hollywood, California

Stephen T. Pelkey, Jaffrey, New Hampshire

Ashok Rao, Houston, Texas

Stephen J. Robbins, Boston, Massachusetts

L. James Santerre, Boston, Massachusetts

Eugene R. Schiavone, Old Saybrook, Connecticut

Peter C. Wensberg, Greenfield, New Hampshire

J. Symes Goodnow, *Clerk of the Corporation*, Keene, New Hampshire

This Bulletin is binding on all students registering for admission to Franklin Pierce College or in classes after May 14, 2002.

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 2001

State or Protectorate	Number	Percent
Arizona	1	0.06
California	19	1.21
Colorado	3	0.19
Connecticut	221	14.12
Delaware	4	0.26
Florida	10	0.64
Georgia	2	0.13
Illinois	1	0.06
Kentucky	1	0.06
Louisiana	1	0.06
Maine	87	5.60
Maryland	5	0.32
Massachusetts	507	32.40
Michigan	3	0.19
Minnesota	1	0.06
Missouri	1	0.06
Nevada	1	0.06
New Hampshire	266	17.00
New Jersey	68	4.35
New York	178	11.37
North Carolina	3	0.13
Ohio	1	0.06
Oregon	1	0.06
Pennsylvania	15	0.96
Rhode Island	53	3.39
South Carolina	1	0.06
Texas	2	0.13
Utah	2	0.13
Vermont	62	3.96
Virginia	4	0.26
Washington	1	0.06
Wisconsin	1	0.06
Foreign Countries	Number	Percent
Australia	2	0.13
Canada	4	0.26
Denmark	1	0.06
England	3	0.19
Finland	2	0.13
Germany	2	0.13
Iceland	2	0.13
India	1	0.06
Japan	15	0.96
Netherlands	2	0.13
Scotland	2	0.13
Spain	1	0.06
Sweden	1	0.06
Yugoslavia	1	0.06
Totals	1565	100.00

A Note on the Purpose of a College Catalogue

The purpose of a college catalogue is threefold: to be of use to present or potential students and faculty members, to serve as an historical document, and to let others know the nature and scope of programs available. No matter how hard one tries, such publications are never perfect; the various staff and faculty members listed herein will do their best to find answers to questions the reader might have.

The detailing of policies and processes tends to make such documentation seem deadly dull and musty, when in reality they relate to the most important and exciting of all human activities—the learning process. Students have the responsibility of becoming familiar with those policies and processes as they pursue their educational goals. The students, administration, faculty and staff have the mutual responsibility of bringing the words to life by making the learning experience as pleasant and productive as possible.

Because such catalogues are published at a particular moment in a changing world, the College reserves the right to change any part and to make any such changes retroactive for students currently enrolled.

Index

- Academic Advising, 13
- Academic Appeals, 184
- Academic Dismissals, 185
- Academic Grievances, 184
- Academic Probation, 185
- Academic Programs and Services, 8
- Academic Progress, 200
- Academic Regulations, 179
- Academic Standards, 184
- Academic Support Services, 14
- Academic Suspension, 185, 205
- Accounting, 18
- Accreditation, 6
- Activities, 5, 191
- Add-Drop Period, 181
- Administration Directory, 210
- Admissions Information, 204
- Advanced Standing, 6, 205
- Advertising, 21
- AFROTC, 13
- Affiliations, 6
- Airframe Facility, 189
- American Studies, 24
- Anthropology, 27
- Application Form, Inside back cover
- Archaeology, 29
- Art, 38
- Art Certification, 39, 68
- Arts Management, 34
- Athletic Program, 188
- Auditing, 182
- Authorization, 6
- Automobiles, 192
- Awarding of Aid, 200
- Biology, 43
- Books and Supplies, 209
- Bookstore, (Campus Center), 192
- Business Administration Minor, 50
- Business Program, 49
- Cable TV, 190
- Calendar, inside front cover
- Campus Center, 192
- Campus Map, 229
- Campus Programs, 190
- Career Planning & Placement, 15
- Catalogue, 193
- Center for Applied Public
 Opinion Research (CAPOR), 12
- Change of Course, 181
- Cheating, 186
- Chemistry, 52
- Class Standing, 186
- CLEP Program, 180
- Clubs, 191
- College Year, 9
- Comprehensive and General Fees, 206
- Computer Labs, 16
- Computer Network, 16
- Computer Science, 53
- Contents, Table of, 1
- Coordinator of Integrated Curriculum
 Message, 103
- Core Requirements, 8
- Counseling Center, 187
- Counseling Major, 155
- Course Load, 181
- Creative Writing, 76
- Criminal Justice, 58
- Cross-registration at other Colleges, 11
- Cultural Activities, 191
- Dance, 167
- Dean's List, 185
- Degree Requirements, 179
- Degree Student, 179
- Degree with Honors, 185
- Departmental Honors and Awards, 194, 197
- Deposits, 206
- Design and Technical Theatre, 167
- Directed Study, 181
- Directions to Rindge campus, inside back cover
- Directory of Administration and Faculty, 210
- Disabilities, 15
- Double-Counted Course, 179
- Drama, 167
- Early Admission, 205
- Early Financial Aid Option, 199
- Economic Theory, 62
- Education, 63
- Electives, 11
- Elementary Education, 63
- Employment, 199, 203
- English, 73
- English as a Second Language
 (ESOL) Program, 14
- Environmental Science/Studies, 80
- Evening Division, 6
- Faculty Directory, 217
- Family Scholarship Program, 202
- Fees, 206
- Financial Aid, 198
- Financial Information, 206

Financial Management, 86
 Fine Arts, 38
 Fines and Damages, 208
 Fire Department, 193
 Food Service, 193
 Franklin Pierce...at a glance, 17
 Franklin Pierce Grant, 199
 French, 133
 Full Time Student, 179, 200

 Geographic Distribution, 224
 Geography, 89
 Geology, 89
 Goals of the Student Experience, 10, 104
 Grade Report, 184
 Grading Policy and System, 183
 Graduate and Professional Studies, 5, 6
 Graduate Placement, 15
 Graduation Honors, 185
 Graduation Requirements, 183
 Graphic Communications, 90
 Graphic Communications Center, 191
 Guaranteed Student Loan
 (see Stafford Student Loan), 202

 Health Fee, 188, 208
 Health Record Requirement, 188
 Health Services, 188
 History, 93
 Honors Program, 9, 99

 Incomplete Grades, 183
 Independent Study, 181
 Index, 227
 Individual and Community, 101
 Information Technology, 111
 Institutional Overview, 4
 Integrated Curriculum, 8, 101
 Interdisciplinary Courses, 114
 Interdisciplinary Majors, 114
 Interdisciplinary Minors, 114
 International Business, 115
 International Student Scholarships, 200
 Internet, 16
 Internships, 181

 Journalism, 122
 Judicial Board, 191

 Languages, 133
 Leadership Development, 190
 Learning Skills, 14
 Learning Support Services, 14
 Liberal Education Requirements, 8, 105
 Library, 15

Life Experience Advancement (LEAP)
 Program, 6, 180
 Loans, 202
 London Program, 7
 Majors, 4, 10
 Management, 115
 Manor, 192
 Marine Awareness Research
 Expedition Center (MARE), 12
 Marketing, 118
 Marlin Fitzwater Center, 191
 Mass Communication, 122
 Mathematics, 130
 Media Studies, 122
 Memberships, 6
 Minors, 4, 11
 Mission Statement, 4
 Modern Languages, 133
 Monadanock Institute, 13
 Music, 135

 National Honor Society, 197
 NCAA Requirements, 188
 Need-Based Aid, 198-202
 New England Center for Civic Life, 12
 New Hampshire College and
 University Council, 11
 NHCUC Student Exchange, 11
 Non-Degree Student, 179
 Non-Discrimination Policy, 193
 Non-Need-Based Aid, 202, 203
 Non-Traditional Courses, 141
 Non-Traditional Credit, 180
 North Fields Activity Center, 189

 Off-Campus Housing
 (Residential Life), 189
 Operative Catalogue, 180
 Orientation, 187

 Part-time Employment, 199, 203
 Payment Plans, 208
 Pell Grants, 199
 Performance Theatre, 167
 Perkins Loans, 199
 Philosophy, 141
 Physics, 144
 Placement, 15
 Plagiarism, 186
 PLUS Loan, 202
 Political Science, 144
 Post Office (Campus Center), 190
 Pre-Health, 16
 Pre-Law, 16
 Pre-Physical Therapy, 16

Pre-Professional Programs and
Advising, 16
President's Message, 2
Private Scholarships, 203
Procedures for Admission, 204
Psychology, 149
Publications, 192
Purpose of the Catalogue, 225

Radio Station (WFPC), 122
Readmission, 205
Recreational Activities, 189
Refund Policy, 206
Registration, 180
Religious Studies, 143
Repeating a Course, 182
Requirements for Admission, 204
Residential Life, 189
Residency Requirement, 179
Resident Student Fees, 206
Rindge Campus, 4
Room and Board Charges, 206
ROTC, 13

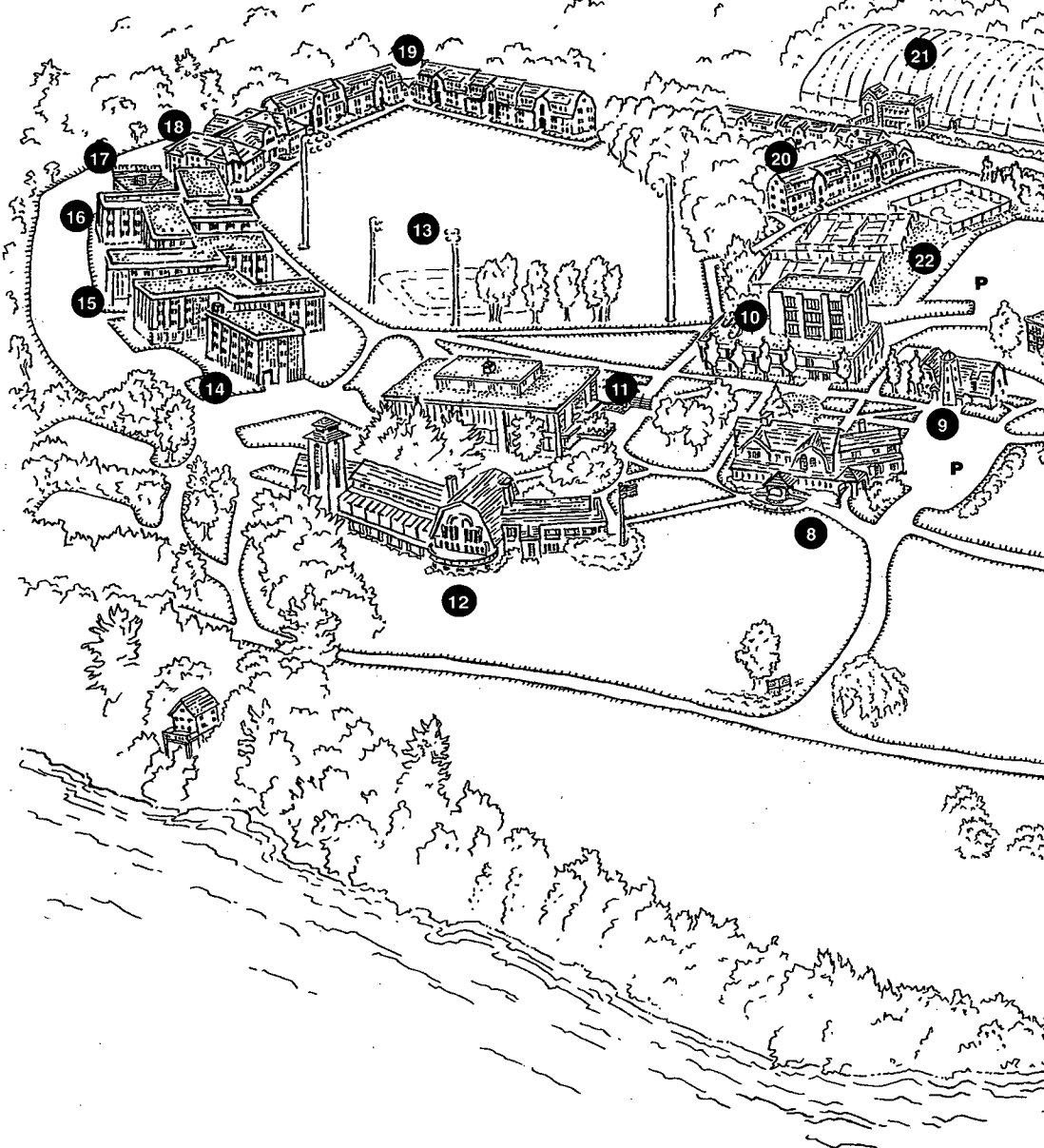
Safety and Security, 192
Salutatorian, 185
Scholarships and Awards, 194
Science, 154
Secondary Education, 63
Security, 192
Senior Citizen Discount, 208
SEOG, 199
Skills Laboratory, 14
Social Activities, 191
Social Theory, 115
Social Work and Counseling, 155
Sociology, 157
Spanish, 134
Special Programs, 14
Special Student, 179
Sports and Leisure Management, 161
Stafford Student Loan
(formerly GSL), 202
Student Activities, 191
Student Categories, 179
Student Code of Conduct, 193
Student-Designed Major, 166

Student Development Programs, 187
Student Employment, 199
Student Government, 191
Student Handbook, 193
Student Life and Services, 187
Student Loans, 199-202
Student Records, 187
Student Rights and Responsibilities, 193
Students With Disabilities, 15
Study Abroad, 7
Success Grant, 202
Summer Session, 13, 206
Supplemental Educational
Opportunity Grants (SEOG), 199
Supplemental Instruction,
(Academic Support Services), 14
Suspension and Dismissal, 185

Teacher Certification, 5, 63
Technical Design Theatre, 167
Telecommunications, 190
Television Hookup, 190
Theatre and Dance, 167
Time Limit, 180
Transcripts, 186
Transfer Credit Policy, 179, 205
Transfer Student, 6, 179
Transition Program, 14
Transportation, 193
Transportation Fees, 193, 209
Travel Assistance Program, 203
Travel Directions to Campus, inside back cover
TREE Loan, 203
Trustees, 223
Tuition Charges, 206
Tutorial Services, 14

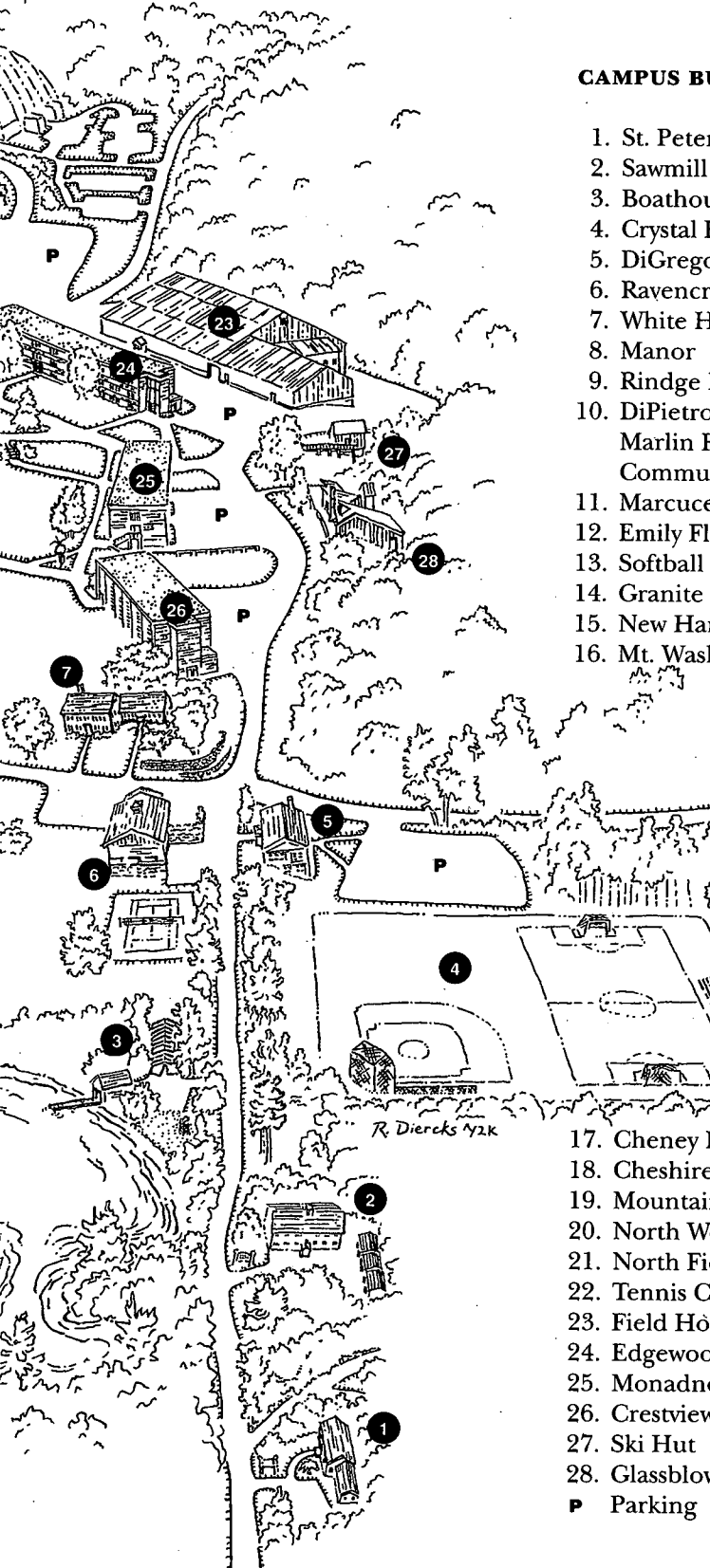
Valedictorian, 185
Veteran's Administration, 203

Walk in Europe, 8
Washington Center, 11
Withdrawal from the College, 181, 207
Withdrawal from Courses, 181, 207
Writing Center, 14, 74
Women's Studies, 176



FRANKLIN PIERCE COLLEGE CAMPUS

CAMPUS BUILDINGS & CLASSROOMS



1. St. Peter's (*Visitor Check in*)
2. Sawmill Apartments
3. Boathouse/Beach/Waterfront
4. Crystal Field
5. DiGregorio Building
6. Ravencroft Theatre
7. White House
8. Manor
9. Rindge Hall
10. DiPietro Library Resource Center/
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

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 and Address of Firm _____	Name and Address of Firm _____
Business Telephone (____) _____	Business Telephone (____) _____
Business Fax _____ Email _____	Business Fax _____ Email _____

Do you have any relatives or friends currently attending or who have attended Franklin Pierce College?
☐ Yes ☐ No If yes, give names and relationships _____

Name of your hometown newspaper _____

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 either as part of the official High School transcript or from the Testing Agency.
- 4) Guidance Counselor recommendation.
- 5) An essay on a topic of your choice. You may submit a paper that you have recently written in place of the 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.

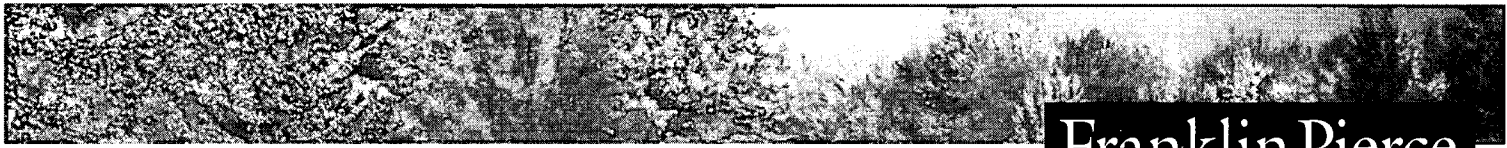
WE CANNOT OBTAIN TRANSCRIPTS OF PREVIOUS COLLEGE LEVEL COURSES. TRANSFER APPLICANTS MUST HAVE ALL TRANSCRIPTS OF PREVIOUS COLLEGE WORK SENT TO US.

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, color, disability, national or ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other College-administered programs.



Franklin Pierce

20 College Road, Rindge, NH 03461-0060

Application for Admission

No fee required *

Name _____ Home Telephone (_____) _____
Last First Middle Area Code

Address _____
Home Mailing Address City State Zip/Postal Code

Email Address (if applicable) _____

Birth Date _____ Place of Birth _____
Month Day Year City State

Marital Status _____ Sex: ☐ Male ☐ Female Social Security # _____

Are you a U.S. citizen? ☐ Yes ☐ No If no, are you a legal permanent resident in the United States (green card holder)?

☐ Yes (alien registration number) _____ ☐ No (country of citizenship) _____

For citizens of the United States: Your ethnic origin (*optional*):

☐ White ☐ Black/African American ☐ Hispanic ☐ Asian or Pacific ☐ American Indian or Alaskan

Enrollment Plans

Application for BA or BS degree program beginning:

☐ Fall Semester: _____ ☐ Spring Semester: _____ ☐ Summer Session: _____

I plan to attend: ☐ Full-time ☐ Part-time

I plan to: ☐ Reside in campus housing ☐ Reside off-campus ☐ Commute from home

How did you learn about Franklin Pierce College? _____ CAT

Current Schooling Information

Name of High School you are attending or did attend _____ CEEB# _____

High School Address _____
Address City State Zip/Postal Code

Email _____ Fax _____ Date of Graduation _____

Type of School: ☐ Public High School ☐ Private/Parochial Day School ☐ Private/Parochial Boarding School

Name of Guidance Counselor _____ Telephone Number (_____) _____
Area Code

List all colleges you are attending or have attended and have official transcripts forwarded to the Admissions Office.

College	Dates Attended	Degree
College	Dates Attended	Degree

Educational Program (Number, in order of preference ONLY, those areas that are of interest to you.)

- | | | | |
|------------------------------|-----------------------------|---------------------------|----------------------------------|
| Accounting | Criminal Justice | Journalism | Radio Broadcasting |
| Advertising | Dance | Management | Secondary Education |
| American Studies | Drama | Marketing | Social Work & Counseling |
| Anthropology | Economic Theory | Mass Communication | Sociology |
|/Archaeology | Elementary Education | Mathematics | Sports & Leisure Management |
| Art | English | Music | Technical Theatre Arts |
| Arts Management | Environmental Science | Political Science | Television Broadcasting |
| Biology | Financial Management | Pre-Law | Student Designed Major |
| Business Administration | Graphic Communications | Pre-Med | Undecided |
| Chemistry | History | Pre-Physical Therapy | Women's Studies |
| Computer Science | Information Technology | Psychology | |

For admission and
financial aid information
call toll free: (800)437-0048
(603)899-4050
fax (603)899-4394

or visit our website at:
www.fpc.edu

Franklin Pierce

OF NEW HAMPSHIRE

20 College Road
Rindge, New Hampshire 03461