HUSSON

COLLEGE CATALOG 2004-2006



COLLEGE CATALOG
VOLUME LVII

2004-2006

The New England Association of Schools and Colleges, Inc., a nongovernmental, nationally recognized organization whose affiliated institutions include elementary schools through college institutions offering post-graduate instruction, accredits Husson College.

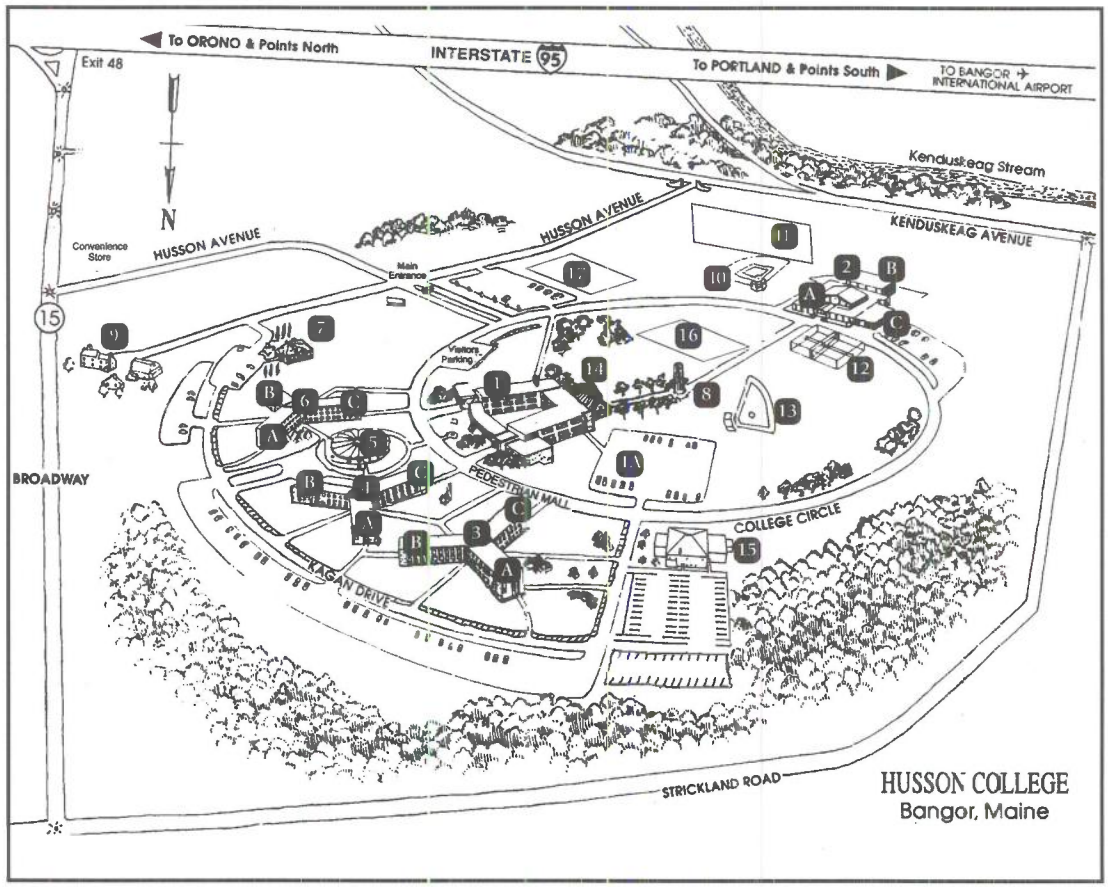
The Husson/Eastern Maine Medical Center Baccalaureate Nursing program is accredited by the Commission on Collegiate Nursing Education and is approved by the Maine State Board of Nursing.

The Commission on Accreditation in Physical Therapy Education accredits the Physical Therapy Program.

The Occupational Therapy program has applied for accreditation by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA).

The International Center for Language Studies (ICLS), the College's intensive English-as-a-Second-Language program is approved and certified by the American Association of Intensive English Programs and is approved by the U.S. Immigration and Naturalization Service.

Husson College
One College Circle, Bangor, Maine 04401-2999
Telephone (207) 941-7000
www.husson.edu



LEGEND

1. **George F. Peabody Hall**
   - Administrative Offices
   - Admissions Office
   - White Art Gallery
   - Career Development Office
   - Leonard Chapel
   - Graduate Studies
   - International Center for Language Studies
   - Mary McDonald Bookstore
   - Library
   - School of Business
   - School of Health
   - School of Science and Humanities
   - Student Affairs Office

1A. **Peabody Hall Parking Lot**

2. **William P. Newman Athletic Complex**
   - A. Gymnasium
   - B. Pool
   - C. Clara Swan Center

3. **Hart Hall**
   - A. Levels 2, 5, and 8
   - B. Levels 3, 6, and 9
   - C. Levels 1, 4, and 7
     President, Alumni/Development, Public Affairs

4. **Carlisle Hall**
   - Office of Residential Life and Student Health Office Services
   - A. Levels 2, 5, and 8
   - B. Levels 3, 6, and 9
   - C. Levels 1, 4, and 7

5. **Dickerman Dining Commons**

6. **Bell Hall**
   - A. Levels 3, 6, and 9
   - B. Levels 2, 5, and 8
     Occupational Therapy and Genetics Labs
   - C. Levels 1, 4, and 7
     Nursing and Physical Therapy Labs

7. **The Richard E. Dyke Center for Family Business**

8. **Pi Rho Zeta Bell Tower**

9. **Education Building**

10. **Winkin Baseball Complex**

11. **Football/Field Hockey Field**

12. **Tennis Courts**

13. **Softball Field**

14. **The G. Peirce Webber Campus Center**

15. **New England School of Communications**
    - WHSN Radio Station

16. **Boucher Soccer Field**

17. **Practice Football Field**

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Supplements to this Catalog

Husson College reserves the right to change, at any time without notice, the policies, procedures, tuition and fees, curriculum, program requirements and all other contents of this catalog. Because this catalog is offered only as information, it is the responsibility of persons relying on this catalog to confirm with the appropriate Husson College official that any provision herein is applicable.

Husson College operates its programs so that, when viewed as a whole, they are accessible to handicapped persons, and, if a reasonable accommodation can be made, Husson College prohibits the exclusion of otherwise qualified students from its courses of study. Husson College complies with all nondiscrimination laws, but any concerns should be directed to: General Counsel and Human Resources Officer, Husson College, One College Circle, Bangor, Maine 04401, Tel. 207-941-7790. Fax 207-941-7988.

HUSSON COLLEGE

Founded in 1898, Husson College has evolved from a small proprietary school to an accredited independent institution offering undergraduate programs in business, education, health, professional studies, and science and humanities, and master's programs in business, nursing, physical therapy, and occupational therapy. The undergraduate student body has grown to over 1,400 full-time day students and over one thousand part-time and evening students on the campus in Bangor and at Continuing Education centers in South Portland and Caribou. In addition, the campus is home to international students who come to Husson from all parts of the world to study full time or attend the International Center for Language Studies on the Bangor campus. Husson graduates enjoy a high job placement rate and have achieved success in a wide variety of professional positions in Maine and throughout the world.

The Eastern Maine Medical Center School of Nursing, founded in 1892, merged with Husson College and became the origins of the School of Health. In 1997, Husson purchased the assets of the New England School of Communications, which was subsequently reincorporated as a wholly-owned subsidiary of the College with separate accreditation and degree granting and incorporation.

Husson College Mission Statement
Husson College is a private institution of post secondary education offering undergraduate and graduate degrees in business, health, education, and professional studies. Husson seeks to serve motivated, career-oriented students through a curriculum which integrates liberal arts and sciences, professional and technical studies, and experiential learning outside the classroom.

Husson dedicates itself to excellence in teaching, to a personalized collegiate experience, to the development of individual self worth, to a curriculum which promotes clear thinking and communication skills, and to an environment which values the search for ethical truths in a changing world.

THE CAMPUS
Husson's 200-acre campus is situated on a wooded hillside that is only a short walk away from a shopping center and two miles from the business district of the city of Bangor, Maine (population 36,000). Most points in the city are accessible by public transportation from the campus, and Bangor is the home to the second largest public library in New England, and the oldest continuous community symphony orchestra in the country. The population of greater Bangor is 100,000.

Campus amenities include three modern residence halls with single and double rooms all equipped with telephone, cable TV and the College computer internet

system outlet; an attractive dining commons which offers flexible meal plans; science, networked microcomputer, and language labs; library and conference rooms; an arboretum; and an athletic complex that includes the new Swan Fitness Center and an Olympic-size pool; the Communications building houses the radio station and television, recording and production studios; and the Richard E. Dyke Center for Family Business. Peabody Hall, the main administrative and classroom building is home to the International Center for Language Studies and is built around an open quadrangle. Peabody offers a bookstore and a new campus center that houses an art gallery, chapel, and dining and performance areas for the Husson community. Bell Hall houses School of Health labs, learning center, the Husson Science Research Institute, and clinical settings.

Husson is located near some of the finest recreational opportunities in Maine. The Kenduskeag Stream is a five-minute walk from campus. Excellent skiing and hiking trails are nearby, and the campus is only an hour away from the great Maine woods, the rockbound coast and Acadia National Park.

The Library

The library provides services and resources to meet the study and research needs of undergraduates, graduate students, and faculty. The focus of the collection is on materials that complement the degree programs and reflect the interests of the College; however, books and journals for recreational reading and for personal growth are also part of the collection. In addition to books and journals, the library maintains modest collections of federal and state documents, company annual reports, and pamphlets. Faculty place assigned and suggested course readings on reserve, which are obtained at the circulation desk.

Electronic databases are an important component of the library's resources. Information about the library's resources, including its online catalog, is accessible on the World Wide Web. Follow links to the library from the College's home page at www.husson.edu. Information resources available through the library include such full-text databases as Encyclopedia Britannica On-line, Westlaw's legal database, Stat-USA, and a federal taxation database. Citation databases include First Search, Medline, Wilson Business Abstracts, and numerous others. The library has links to the holdings of other academic, research, and public libraries in Maine and on-line catalog access to major world libraries.

Students have access to local libraries, including Bangor Public Library, Parrot Health Science Library at Eastern Maine Medical Center, the Penobscot County Law Library, and Fogler Library of the University of Maine. The library cooperates with these and other libraries nationwide to obtain materials that we do not own. The library is open seven days a week during the academic year and offers a quiet environment conducive to studying.

Information Resources
The College has five complete labs in Bangor, two at our South Portland site, and one at our Caribou location. General purpose labs have Microsoft Office XP, and all are on the school's Windows 2000 network. All students have access to their own campus email address, server storage and may develop a personal home page. Public computer kiosks are available at two locations for access to email and to the World Wide Web, and each residence hall room has two connections to the college's data network. The College operates one networked lab 24-hours of each day for continuous student access.

The Information Resources Office is responsible for designing, implementing and maintaining Husson's computer and technology systems. The I. R. Office is also responsible for facilitating the use of these systems by the Husson Community. The Information Resources Offices manages the computer labs, campus email, Husson's Ethernet network and our various pages on the World Wide Web.

International Center for Language Studies
The International Center for Language Studies (ICLS) at Husson College provides full-time English as a Second Language programs for students from around the world. International students may study from four weeks to one year in the program, with entry dates throughout the year. ICLS students enjoy life on the Husson campus while they contribute in an important way to the diversity of the Husson student body.

ICLS programs meet the needs of many students who wish to learn English, some for personal or professional reasons, others to continue their educations in English. Many remain at Husson to pursue a regular program of undergraduate or graduate study. ICLS students contribute to the international educational opportunities available at Husson Both U.S. students and international students are enriched by forming friendships with future business leaders and professionals from many cultures and regions of the world.

New England School of Communications
The New England School of Communications (NESCom), a wholly owned subsidiary of Husson, is an independently incorporated institution located in the Wildey Communication Center on the Husson College campus. NESCom is accredited by the Accrediting Commission for Career Schools and Colleges of Technology and offers the Bachelor's and Associate's Degree in Communications. NESCom offers courses in Television, Radio, Audio Engineering, Digital Media, Advertising and Public Relations. Its programs are described on the web site at www.nescom.edu. In addition to the Bachelor of Science through NESCom , students in the two-year program may go on to earn a B.S. in Business Administration from Husson College through a formal articulation arrangement.

GENERAL INFORMATION UNDERGRADUATE STUDENT AFFAIRS

NEW STUDENT ORIENTATION

Orientation sessions for incoming students are scheduled each year. The purpose of the sessions is to acquaint new students and their families with the College and to introduce them to some of the opportunities and challenges which college life presents.

RESIDENTIAL LIFE

All full-time undergraduate students are required to reside on campus. An exception to this policy may be granted to students who are married or who live with a relative within an approximate commuting distance of thirty miles by submitting a written request to the Office for Residential Life.

Husson College has three residence halls for student housing with separate floors designated for men and women. Most of the rooms are double occupancy. All rooms are furnished with a bed, bureau, wardrobe closet, desk, and chair. Each residence hall room is equipped with a telephone jack, cable TV outlet, and two data ports. Vending machines, public telephones, television and study lounges, kitchenettes, and a centrally located laundry room are available for resident students.

The residence halls at Husson College provide opportunities for students to become a part of a diverse residential learning community that promotes personal growth and development. Residence hall living is filled with the challenge and excitement of living and learning. The Office for Residential Life is responsible for the social, recreational, cultural, and educational programming, the management of the residence halls, and the enforcement of residential policies and procedures. A Resident Director and upperclass Resident Assistants live in the residence halls to assist students.

DINING FACILITIES

Husson resident students dine at Dickerman Dining Commons, a centrally located modern facility. The College serves a wide variety of wholesome, nutritious foods to meet the needs and tastes of a diverse College community. The snack bar in the student center, located in the lower level of Peabody Hall, serves daily specials along with sandwiches, ice cream, and coffee and is designed to serve commuting students, residents, and staff.

PLACEMENT TESTING

Entering students are placed in appropriate beginning mathematics and English courses according to placement test scores, SAT I scores, and evidence of high school achievement.

PERSONAL AND ACADEMIC COUNSELING

Counseling services promote student development and assist students with personal, physical, or academic issues. Adjusting to college life, handling the stress of a busy academic schedule, balancing personal, academic, and extracurricular activities, and developing study and test-taking skills are examples of some of the counseling services available to students.

ASSISTANCE FOR STUDENTS WITH DISABILITIES

Students with a disability are entitled to reasonable accommodations that will allow them access to the College's programs, services, and activities. Students with a disability are encouraged to request accommodations that will help them and are encouraged to talk directly with the responsible faculty or staff member. The Office of Student Affairs is a resource for students with a disability.

STUDENT HEALTH

Health care for Husson students is provided through a facility located in Peabody Hall. Registered nurses and Certified Nurse Practitioners staff the Student Health Service. Commuter students may access the Health Service upon payment of a health service fee.

IMMUNIZATION

Maine State Law (22-MRSA § 6359) requires all full-time and degree seeking part-time post-secondary school students born after December 31, 1956, to show proof of immunization against measles, rubella, mumps, tetanus, and diphtheria. Specific programs may require more extensive health documentation.

STUDENT ACCIDENT AND SICKNESS INSURANCE

All full-time undergraduate students are required to have some form of accident and sickness insurance coverage. Husson College makes available to its full-time undergraduates a plan of accident and sickness insurance. A student, covered by other insurance, may waive this plan with proof of other coverage.

CAMPUS SUBSTANCE ABUSE SERVICES

Husson offers a substance abuse program for students. Services include prevention, early intervention, assessment, education, individual and group counseling, and referral. Services are offered to students who are concerned about their own alcohol or other drug use and to any student concerned about the use of chemicals by someone in their lives.

STUDENT ACTIVITIES AND ORGANIZATIONS

A variety of organizations exist on the Husson College campus which are run by, and for, students and which provide numerous opportunities for service, cultural, recreational, religious, and social affiliations. All of these organizations afford students the opportunity to participate in the Husson community and several provide students with a direct voice in the issues and decision-making process that affects daily student life. Among them are the Student Senate, College Yearbook, College Newspaper, Husson Players, Students in Free Enterprise (SIFE), the International Club, Social Committee, Ski/Outing Club, Cheerleaders, Phi Beta Lambda, the Presidential Guides, the Multicultural Club, Greek organizations, and many others.

There are clubs designated in each major area of study that strive to further the students' education. The Accounting Society, the Organization of Student Nurses, the Organization of Student Medical Assistants, the Paralegal Club, the Data Processing Management Association, Organization of Occupational Therapy Students, and the Organization of Physical Therapy Students are all very active.

The Husson College Cultural Committee sponsors a variety of campus activities including lectures, dance and theatrical performances, or provides access to cultural events in the Bangor area.

Students serve as representatives on many college committees, including the Cultural Committee, the Judicial Board, the Food Committee, and various other functional organizations in the College. The President of the Student Senate is also a member of the Husson College Board of Trustees.

ATHLETICS AND RECREATION

The Newman Athletic Complex houses a wide variety of athletic facilities for Husson students including basketball and tennis courts; an Olympic-size swimming pool; the new Swan Fitness Center; the Kenduskeag Institute, and extensive athletic fields. Intercollegiate and intramural sports, as well as regularly scheduled exercise programs, are also available.

The College offers an extensive intramural, recreational and intercollegiate sports program for both men and women. The men's and women's intercollegiate programs conform to and hold memberships in the National Collegiate Athletic Association, Division III (NCAA) (provisional), the National Association of Intercollegiate Athletics (NAIA), and the Maine Athletic Conference (MAC). The women's program also conforms to and holds membership in the Maine Association of Intercollegiate Athletics for Women. Men's varsity competition includes soccer, football, basketball, baseball, and golf. Women's competition includes volleyball, soccer, basketball, softball, and field hockey.

Intramural sports play a large part in satisfying the recreational needs of the College community. Students may compete in swimming, volleyball, tennis, softball, soccer, and flag football, to name a few of the activities offered. Husson campus facilities also provide many opportunities for informal recreation.

BOOKSTORE

The Mary McDonald Bookstore is located in George F. Peabody Hall. It stocks books required in all programs of study at the College. It also carries a wide variety of school supplies, reference books, greeting cards, gifts, beverages, snacks and clothing.

CAREER DEVELOPMENT

The College offers a broad range of career development services including workshops on resume preparation and interviewing techniques. Students are encouraged to use the resources of the Office for Career Development from their first year at Husson and on a continuing basis through their senior year and after graduation as alumni. The College encourages interaction between the students and the business community by sponsoring dinners and career symposia.

To keep students informed of career developments, the Office for Career Development maintains a web page at http:/depts.husson.edu/careerdev/. Students will find a schedule of career events as well as links to many other career resources. A resource center of current career information is available to students. Services include a job-seeking website maintained by MonsterTRAK.com where students may upload resumes and a cover letter, and seek jobs or internships.

Students are encouraged to take advantage of the on-campus recruiting program. Representatives from government, business, and industry visit Husson annually to interview candidates. Husson College also participates in a career consortium consisting of all Maine colleges. The consortium helps employers and college students/alumni get together.

STUDENT EMPLOYMENT

The Office for Career Development administers a student employment program to help students meet their college expenses with part-time work. Available jobs are located both on campus and in the local community. A student who wishes to participate in the program should register with the Office for Career Development.

JUDICIAL AFFAIRS

By virtue of attendance, Husson College students agree to the duly published regulations of the College. Regulations are published in the current issue of the Student Handbook. Failure to conform to these regulations may result in

suspension or dismissal from the College. The judicial system is a participatory one including members of the faculty, administration, and the student body.

CAMPUS MINISTRY

Husson College recognizes that its primary mission of providing an excellent educational program impacts the total life experience of its students. An integral part of that life experience is a person's spirituality. Husson is committed to addressing the spiritual needs of its students by providing the Office of the Chaplain.

The Chaplain is available to students for spiritual counseling on a one-to-one basis by appointment. Additionally, the Office of the Chaplain is responsible for establishing a campus ministry program that is open to all students. The types of programs vary but may include activities such as Bible study, focus groups and spirituality development groups.

CAMPUS SAFETY AND SECURITY

The Department of Security is responsible for campus safety and security. Husson College Security issues parking permits and maintains the registrations of vehicles authorized to park on campus. Husson College is committed to achieving campus safety and security through a cooperative effort.

VEHICLE REGULATIONS

Students are allowed to keep motor vehicles on campus provided that such vehicles are duly licensed and registered by a state and that the vehicle is registered and issued a parking permit by Husson College Security. Proof of state registration and a small fee are required before the privilege of bringing a vehicle on campus is granted.

ADMISSIONS

Husson College believes all individuals who have the desire to further their education and have the potential to succeed should have the opportunity to develop college-level competence. Candidates approved for admission prior to the completion of the academic year are accepted contingent upon successful completion of all academic work and the receipt of a final transcript of grades.

The College reserves the right to refuse the acceptance of a degree candidate if the applicant fails to achieve academic success in course work. Admission to the College or to particular programs may be refused to applicants considered incapable of making reasonable academic progress.

Husson College invites applications from secondary school graduates or students having received a General Equivalency Diploma (GED) and qualified international students without regard to age, color, religion, sex, national origin, level of family income, or physical ability.

When a student begins study at the College leading to a degree, he or she must meet the curriculum requirements in effect at that time. Should the curriculum requirements change, the student may choose to meet the new requirements instead of those in effect at the beginning of his or her enrollment. However, without prior notice, the College may at any time replace or update curricula and courses. All courses may not be offered during a given academic year. If a student should drop out of school for a calendar year (12-month period), he or she is obligated to meet any new curriculum requirements imposed by the College subsequent to the student's initial enrollment. Nonattendance in summer school sessions does not constitute a break in enrollment.

Applicants for admission to Husson may receive guidance and assistance by writing to the Admissions Office on the Husson campus. The Admissions Office provides materials and newsletters to help applicants learn more about the College. They also invite applicants for personal interviews and campus tours.

APPLICATION AND INFORMATION

Husson College's rolling admission program allows applications to be reviewed as soon as they are complete. Applications are accepted for consideration for either the September or January semester. There is a $25 application fee. All applicants should have copies of their transcripts sent to the Admissions Office as soon as possible after applying for admission.

Admission is competitive and applicants to the first year of college study are admitted on the strength of their secondary school curriculum, grade-point average, class rank, counselor recommendations, and SAT I or ACT scores in

relation to their intended major. Completion of college preparatory courses at the secondary level with a "C" or better, or its equivalent, is recommended. This includes four years of English, two years of math, (preferably algebra and geometry), two sciences, social studies, and other elective college preparatory courses.

Students whose high school transcripts show limited academic performance may be accepted on a conditional basis if they have a favorable recommendation from a high school guidance counselor or principal and show evidence of potential for success.

Transfer students are welcome and must present transcripts of their high school and college records. Transfer applicants should be in good academic standing and generally need a grade-point average of at least 2.0 to be considered for admission.

To be considered for admission, an applicant should do the following:

1. Complete and return the application form
2. Submit an official high school transcript or GED scores
3. Forward SAT I or ACT scores (students entering a four-year program).
4. Forward to the Admissions Office official transcript(s) from any college(s) which the applicant attended.

Nursing applicants and Physical Therapy applicants should see additional admissions information in the School of Health pages of this catalog.

When the file is complete and all credentials are received, the Director of Admissions will notify the applicant by letter regarding her/his admissions status.

All incoming first year and transfer students are required to submit a $125 tuition deposit within 30 days of their notification of acceptance by the Director of Admissions. This deposit is refundable until May 1 for those entering in September. Requests for the refund must be addressed to the Director of Admissions and be postmarked no later than May 1. Deposits received after May 1 are nonrefundable. The deposit will be applied to first term tuition charges.

Candidates for the spring term must also submit a $125 tuition deposit upon notification of acceptance to the College. The spring term deposit is nonrefundable. The deposit will be applied to first term tuition charges.

Applicants are encouraged to get to know Husson College. Campus tours and open house programs provide candidates with an opportunity to visit the College and experience campus life. Prospective students may also visit at other times, and personal interviews are recommended.

All correspondence concerning undergraduate admission should be addressed to the Admissions Office, Husson College, One College Circle, Bangor, ME 04401.

Telephone: 207-941-7100 or 800-448-7766 (toll-free)
Email: admit@husson.edu
World Wide Web: www.husson.edu

READMISSION – DAY DIVISION

Students who desire readmission must fill out and submit an Application for Readmission, which can be obtained from the Admissions Office.

The Director of Admissions will consider the application for readmission on the basis of space availability, program availability, and past academic performance. Upon review of the student's request and examination of the required data, the student will be notified by letter of the decision regarding his/her readmission to the College.

VETERANS

Admissions criteria for veterans include graduation from an approved senior high school or a high school equivalency certificate recognized by the applicant's State Department of Education. The College also accepts a General Educational Development Certificate administered under the United States Armed Forces Institute and subsequently recognized by the applicant's State Department of Education. Veterans Administration paperwork for new students requires four to six weeks for processing. Veterans who enroll for courses should be prepared to pay the tuition down payment if the VA checks have not arrived in advance of formal registration.

INTERNATIONAL STUDENTS

Husson College enrolls international students who meet the criteria of eligibility established by the College and by the Immigration and Naturalization Service. Enrollment is made by a letter of admission and a Certificate of Eligibility for Non-Immigrant (F-1) Student Status (INS Form I-20).

The above-named document will be issued only if the student meets the following INS requirements:

1. bona-fide student status
2. full-time student status
3. ability to meet financial obligations
4. intention to return to his/her country upon graduation

and the following College requirements:

1. academic admissibility
2. financial admissibility
3. full-time day student status

International applicants are expected to submit the same credentials as other students, including transcripts or courses taken and examination results. If the documents are not in English, they must be accompanied by an English translation certified by the same issuing authority or by a reputable translation service.

Applicants whose native language is not English must demonstrate proficiency in reading, writing, speaking and understanding English. However, students who do not meet the English language requirements may be issued a conditional acceptance contingent upon successful completion of Level 9 (Nursing students must complete Level 10) at the International Center for Language Studies located at Husson or its equivalent.

A score of 500 or higher on the Test of English as a Foreign Language (TOEFL) will be accepted in lieu of completion of the ICLS program.

STUDENT CLASSIFICATION

1. Degree Status - Students in this category are those enrolled in master, bachelor or associate degree programs. Degree status students are eligible for financial aid. Degree students may defer their declaration of a major until the end of the first year.
2. Non-degree Status - Students in this category hold a baccalaureate degree and are pursuing courses for personal enrichment. Non-degree status students are not eligible for financial aid.
3. Special Status - Students in this category may have specific academic needs and may not meet the College admissions requirements. They will be assigned an advisor who will monitor their progress. Special students in good academic standing may apply for admission to a degree program. It should be noted that students taking courses without regard to a future academic major may take courses that are not transferable for degree credit. It is to a student's advantage to declare a degree objective as soon as is practical. As a guideline, a decision should be made after (24) credit hours have been successfully completed. Special status students are not eligible for financial aid.
4. Conditional Status - Students in this category are those diagnosed as having academic deficiencies, for which a longer time may be required than is shown in the catalog to complete degree requirements. For those students a prescriptive academic plan may include a reduced course load. Conditional status students are eligible for financial aid.

ADVANCED STANDING - TEST PROGRAMS

CLEP/CEEB

Entering students may be awarded advanced standing to a maximum of thirty credit hours on the basis of advanced placement examinations. There are two

examination programs through which students usually earn college credit: the College Level Examination Program (CLEP) and the College Entrance Examination Board (CEEB).

Six (6) credit hours per subject area may be awarded for the American Council on Education recommended passing scores attained on the College Level Examination Program (CLEP) administered by ETS.

Six (6) credit hours per subject area may be awarded for the American Council on Education recommended passing scores attained on the CEEB's College Level General Examination. Areas covered include mathematics, English, social science, history, accounting, and business administration.

Other recognized college-credit granting programs may also provide a student advanced standing at Husson. Students are encouraged to present earned credit for evaluation when applying for admission.

ASAP

Husson College recognizes the desire of high school students to take college courses for credit in order to enter college with advanced standing, thereby bypassing selected introductory level courses. In order to address this need, Husson College has created the Advanced Standing Academic Program. (ASAP) Contact the Admissions Office for information.

PROFICIENCY EXAM

Proficiency examinations developed by departments and divisions within the College are also used to assess attained competencies and provide for advanced standing. These examinations are used to measure student attainment of specific learning normally provided through regular Husson courses. Successful performance results in the awarding of credit for specified courses. The departments and schools of the College designate the courses for which proficiency examinations are available to students.

Proficiency examinations are intended for the purpose of recognizing the already attained skills and knowledge of persons who are enrolled at Husson. Students may challenge any course at Husson with the following exceptions:

1. If a course has a prerequisite, the student must have met the prerequisite requirement before challenging the course;
2. Those courses restricted by catalog statements on eligibility or otherwise not approved by the separate college departments or divisions;
3. The most advanced-level course in a sequence of courses where skills and knowledge attained are closely related to potential job performance; and

4. Graduate courses. Note: Some graduate nursing courses are open to challenge by examination. For information, contact the Office of the Dean of the School of Health.

Students may not take a proficiency exam in any course for which credit has already been accepted in transfer by Husson College. Husson College will accept proficiency credits from other colleges and universities that are regionally accredited. A student must be registered in a degree program at Husson College to be eligible to take a proficiency exam (with the exception of high school students enrolled in the ASAP).

If the student's proficiency examination score meets the minimum standard required for "C" work in the course, credit for the course will be entered on the student's permanent record by the College Registrar. Such credit will be shown as "credit by proficiency." No grade will be recorded, and the credits will not be included in the computation of the student's grade-point average. If the student's examination does not meet the standard required for "C" work, no credit shall be granted. A student may take a proficiency examination for a given course only once.

Candidates for advanced standing who wish to enroll in a degree program must complete their last thirty (30) credit hours at Husson.

ADVANCED STANDING - TRANSFER CREDIT

Students who have attended other accredited institutions and who wish to transfer to Husson are admitted to advanced standing on the quality of their credentials. Such transfer students should have the institution(s) attended send official transcripts of the course work completed to the Husson Admissions Office for evaluation. This should be done as part of the process of applying for admission to the College. Invitations are extended to all transfer students to arrange interviews with the Admissions Office.

Transfer students should follow the regular admission procedure outlined in this catalog. It is recommended that application be made at least one month before the semester in which the student wishes to enter Husson.

The essence of the transfer policy is an evaluation of the individual's complete official transcript(s) from the institution(s) previously attended. It is the transferee's responsibility to have these transcripts forwarded to the Husson Admissions Office. Upon admission to the College, a copy of the evaluation of transfer credit is forwarded to the transferee.

A transfer student who is admitted to Husson from an accredited institution is granted academic credit for acceptable transfer courses with the following guidelines:

1. The transfer student with an associate degree is granted advanced standing, i.e., junior status with sixty (60) credit hours accepted from the transcript. The student must be aware that more than two additional academic years at Husson may be necessary to complete the degree requirements for a specific Bachelor of Science degree program. Earning degree credits in the summer sessions at Husson may shorten the length of time.
2. The transfer student, after becoming a resident student at Husson, cannot transfer additional credits from any other institution into a Husson degree or certificate program.
3. A transfer student without an associate degree is granted academic credit for courses in which a "C-" or better grade had been attained, or demonstrates academic performance which is acceptable to the Chief Academic Officer and Director of Admissions.

Students who transfer into Husson College must complete their final 30 credit hours at Husson College.

Students who wish to transfer credit into Husson College after having been admitted must follow the policy on pg. 21.

ENGLISH PLACEMENT POLICY

Eh 111—College Writing, and Eh 112—Approaches to Literature: All students placed in Eh 111 are required to take Eh 111 College Writing and Eh 112 Approaches to Literature in their first year at Husson College.

Students placed in Eh 091 or Eh 092 must take this course in their first semester at Husson followed by Eh 111 in the next semester, and Eh 112 in the following semester.

Students who fail to earn a grade of "C-" or better in Eh 091, Eh 092, or Eh 111 must repeat the course(s) in the next semester offered.

UNDECLARED MAJOR

Most Husson students declare their intended major when applying for admission to the College. Students may, however, choose to defer their declaration of a major until the end of the first year of study. For those students, the College provides a basic first-year curriculum composed of general education and foundation courses. The student develops a schedule in conjunction with an academic advisor from the School of Science and Humanities. Subsequent approval of first-year courses for transfer into a degree program rests with the School or academic department offering the degree.

FINANCIAL INFORMATION

ANNUAL CHARGES (Day Division) Fall 2003-Spring 2004
The standard day division tuition rate for the 2003-2004 academic year is $349 per credit hour. The tuition for a normal thirty (30) hour academic load is $10,470. The standard room and board charge for a resident student will be $5,680 for the academic year.

If a student is enrolled in more or less than 30 credit hours, tuition will be adjusted accordingly.

Upperclass students (third, fourth and fifth years) enrolled in the Physical Therapy program will be assessed a flat tuition fee of $13,360 and in the Occupational Therapy Program a flat tuition fee of $12,840 for the academic year. The flat fee will include all instructional lab fees and required summer internships.

The annual charges for a student taking the normal fifteen (15) credit hours per semester would be:

	Commuting Student	Resident Student
Tuition (10 courses x $1047)	$10,470	$10,470
Room and Board	N/A	5,680
Comprehensive Fee (See Below)	150	150
Total:	$10,620	$16,300

NOTE: The Board of Trustees reserves the right, with reasonable notice, to adjust tuition and room and board fees in accordance with changing costs of operation.

TEXTBOOKS
Textbooks may not be charged to a student's tuition account.

FEES
A student's Accident and Sickness Plan is compulsory for all Husson students unless signing a waiver form provides proof of alternate coverage. The insurance plan provides limited coverage for certain medical, surgical, nursing, and hospital expenses. A brochure describing the insurance and premium rate is available at the Office of Student Affairs upon request.

An annual professional liability insurance fee is required for Physical Therapy students.

The College collects from all students taking 9 credit hours or more per semester a comprehensive fee for the support of student activities. The fee is currently $75 per semester.

The room and board rates are for double occupancy in the residence halls. Depending upon availability, students may request a single room. Students occupying single rooms will be assessed an additional $375 per semester. Contact the Residential Life Office for more details.

Room and board charges include only meals served while the College is in session. Additional charges will be assessed to those students remaining on campus during vacation periods.

Students are given one copy of their transcript at no charge. A $3 charge is made for subsequent copies. Transcripts will not be issued to students with an unpaid financial obligation to the College.

A graduation fee of $75 is assessed to all graduating students. The charge is to cover the cost of invitations, diploma and cap and gown. The fee is payable regardless of graduation ceremony attendance.

NEW STUDENTS
All charges and fees must be paid or satisfactory financial arrangements made before a student is allowed to attend classes or enter the residence halls.

RETURNING AND READMITTED STUDENTS
Students are not allowed to begin a semester until all previous College charges have been paid in full, unless a bank loan has been authorized and is pending (it will be considered in the readmitting process), or the Business Office has approved satisfactory arrangements for payment of charges for the current semester.

PAYMENT PLANS
Husson offers both a protected pay-by-the-month plan and a deferred payment plan. Details about both plans are available in the Student Accounts Office.

Under the protected pay-by-the-month plan, the total charges for the academic year, net of financial aid, are divided into ten or eleven equal monthly installments. Normally the payments begin as early as June for the following academic year. Interest will be charged only when payments become delinquent. This plan is administered by a third party.

Under the deferred payment plan, the total charges per semester, net of financial aid, are divided into three or four consecutive monthly installments to be paid

during the semester. Interest will be assessed each month on the unpaid balance.

TUITION REFUND POLICY

Students are enrolled for the entire semester, not for a period of attendance, and the fact that fees are sometimes paid in installments does not constitute a fractional contract. A student who withdraws from school prior to the completion of his/her program of study, either during a semester or between semesters, must file an official form of withdrawal with the Registrar's Office.

Tuition refund credits are computed from the official date of withdrawal. Nonattendance of classes does not constitute an official withdrawal.

For program withdrawals during the regular academic year, refund credits will be prorated on the balance of tuition and other charges, after deducting the tuition deposit and other nonrefundable fees, using the following schedule:

	15-Week Term	12-Week Term	10-WeekTerm
During First Week	90%	88%	85%
During the Second Week	80%	76%	70%
During the Third Week	70%	64%	55%
During the Fourth Week	60%	52%	40%
During the Fifth Week	50%	40%	25%
During the Sixth Week	40%	28%	10%
During the Seventh Week	30%	16%	0%
During the Eighth Week	20%	4%	0%
During the Ninth Week	10%	0%	0%
After the Ninth Week	0%	0%	0%

Summer Session charges will be prorated using the following schedule:

	10-Week Term	5-Week Term
During the First Week	85%	75%
During the Second Week	70%	50%
During the Third Week	55%	25%
During the Fourth Week	40%	0%
During the Fifth Week	25%	
During the Sixth Week	10%	
After the Sixth Week	0%	

Students who are academically or administratively dismissed will receive a refund in accordance with the above schedule.

Financial aid will be proportionately charged back in accordance with government regulations.

Full tuition credits will be given for individual course withdrawals during the standard add/drop period each term. For individual course withdrawals after the standard add/drop period, tuition and fees will not be adjusted.

RESIDENCE REFUND POLICY

Students who withdraw from the College or are academically or administratively dismissed, must complete and sign a Residence Withdrawal form and turn in his or her room key and student ID card to the Director of Residential Life.

A refund credit will be prorated on the residence charges in accordance with the same schedule as is used for tuition refunds (see Tuition Refund Policy above).

FINANCIAL AID

Students attending Husson College annually receive financial aid funds totaling in excess of $11 million from federal, state, community, and campus-based sources. Aid resources are made available to students on the basis of financial need determined by the submission of the Free Application for Federal Student Aid (FAFSA). The FAFSA is the only application required for need-based financial aid consideration at Husson.

The FAFSA collects income and asset information about parents and students. This information is analyzed by the Department of Education Service and provided to financial aid agencies and institutions. The FAFSA should be completed as soon after January 1 as possible to ensure equitable consideration for existing aid resources. Aid applicants should contact a high school guidance counselor or the Husson College Financial Aid Office to be sure the proper procedure is followed.

Financial aid is renewed annually based upon continued financial need as demonstrated through the annual filing and the requirement that the student meet the stipulations of the Satisfactory Academic Progress policy.

FINANCIAL AID SOURCES

The following is a list of aid sources available to Husson College students. Applicants are encouraged to research the possibility of assistance from other sources such as local fraternal and social organizations and special service groups. Often, your high school guidance counselor is the best resource for this type of financial aid information.

Federal Sources

Federal Pell Grants
Federal Supplemental Educational Opportunity Grants (FSEOG)
Federal Perkins Loan Program
Federal College Work Study Program (FWS)
Federal Family Education Loan Program

State Sources

Maine State Grant Program
Non-Maine students should apply to the state grant program in their state of residence

For Teacher Education Students

Blaine House Scholarship
Robert C. Byrd Honors Scholarship Program
Paul Douglas Teacher Scholarship Program

Community Sources
Many communities support student efforts to attend institutions of higher education. Information regarding local aid programs is available through guidance counselors at local high schools.

Non-Need Sources
Husson College payment plans
Parent Loan for Undergraduate Students
Unsubsidized Stafford Loan
Alternative Loans
Institutional Grants
Husson annually offers a limited amount of grant assistance to students with demonstrated financial need.

Academic Grants
Academic Honors Scholarship: Ten $1,000 scholarships are awarded annually to entering freshmen students in two- or four-year programs who have achieved academic excellence in high school. These awards are renewed annually so long as the recipient maintains Dean's List grades (3.4 GPA). Applications may be obtained from guidance counselors or by contacting the Office of the Chief Academic Officer at Husson. Application deadline is March 1.
Betterment Fund Scholarship: Awards made annually to deserving students, preferably from Oxford County and the Western mountains of Maine.
Campus Community Scholarship: Awarded to students from under-represented groups who can enrich the College community through diversity.
Leadership Scholarship is awarded to entering students who have displayed meritorious academic and/or leadership qualities during their high school years. Each recipient will be reviewed on an individual basis. SAT I/GPA and rank in class, as well as potential community and/or high school activities, serve as guidelines for this award. This scholarship is renewable based upon full-time continuous enrollment and a GPA of 2.5 starting in the second semester.
Scholar Incentive Awards: Starting with the first semester of the Sophomore year, awards of $400 are granted to students who have attained a semester grade-point average of 3.6 (or better) or $300 awards for 3.4 (or better) respectively after the completion of at least thirty (30) credit hours at Husson. Please note that students eligible for renewal of either the Honors Scholarship or the Business Technology Education Scholarship are not eligible for this award.
George I. Alden Trust Scholarship: This trust, headquartered in Massachusetts, provides annual assistance to needy undergraduate students.
Col. Hazel E. Benn Scholarship: Awards made annually to financially deserving students from Aroostook County.
Leland R. Bennett Memorial Scholarship: An award made annually from the fund to an incoming adult learner nursing student who demonstrates financial need.

Douglas H. and Ana M. Brown Scholarship: One-half the awards made annually from the fund shall be to outstanding students majoring in a business field offered by Husson and one-half to outstanding students majoring in nursing.

David Carlisle Scholarship: Awarded to a student from northern Penobscot County, preferably from Penobscot Valley High School.

George Carlisle Scholarship: Awarded annually to a full-time student from Bangor, Maine with demonstrated financial need.

Frank M. Carter Memorial Scholarship: Established by friends and colleagues in the memory of Frank M. Carter, this scholarship is awarded by the Scholarship Committee to a junior- or senior-level baccalaureate accounting student from the State of Maine who demonstrates both financial need and academic excellence.

Frank M. Carter Merit Scholarship: Awarded annually by the Board of Trustees to a full-time first-year student who ranks in the top quarter of his or her graduating high school class.

Roger Castonguay Memorial Scholarship: A $1,000 scholarship established by Fleet Bank in the memory of Roger J. Castonguay, a Husson alumnus and former president and CEO of Fleet Bank of Maine. This scholarship is awarded annually on the basis of financial need to a business or accounting major from northern Maine.

Wilfred E. Cobb Memorial Scholarship: Named in honor of a former Husson administrator, this $500 need-based scholarship is awarded annually to a student who best typifies the kind of student Bill tried to help when he was with the College. The Business Office and the Financial Aid Office make selection jointly.

Woodrow W. Cross Agency Scholarship: The Director of Financial Aid grants this $500 award annually to a student of financial need from Central Maine entering Husson College as an accounting or business administration major.

Leslie Dickerman Scholarship: Two $2,000 grants awarded annually to entering first-year students from Bangor High School. One recipient selected by the Principal and the Chairman of the Business Department and one recipient selected by the Principal and the high school's Scholarship Committee.

Fred R. Dingley Scholarship: An award made annually from the fund to a student from the Lee area (Lee, Winn, Springfield, Webster Plantation, Prentiss Plantation, Carroll Plantation, Topsfield, Macwahoc, Reed Plantation, Drew Plantation, and the unorganized territories of Kingman and Brookton) who is in need of financial aid to attend or continue to attend Husson.

William H. Donahue Memorial Scholarship: The William H. Donahue Memorial Scholarship of $250 is awarded annually to an upper-class student in the Department of Accounting.

Lawrence Eaton Memorial Scholarship: An award from the fund to an upperclass accounting major.

Russell C. and Veronica D. Eustice Scholarship: Awarded each year to a student, selected by the Business Administration Department, majoring in Business Administration and who demonstrates both financial need and the ability to succeed in a business program.

Fleet Bank Scholarship: An award from a fund established to assist deserving Husson students.

Arthur D. Fuller Scholarship: An award made annually based on financial need to a full-time undergraduate student from Western Maine.

Donald Grant Scholarship: Awarded annually to a full-time Maine student with demonstrated financial need.

Katheryn Ann Hainer Memorial Scholarship: Awarded annually to a student with financial need. Preference will be given to students who are single parents.

Fred V. Hart Scholarship: Two $2,000 grants awarded annually to entering first-year students from Brewer High School. One recipient selected by the Principal and the Chairman of the Business Department and one recipient selected by the Principal and the high school's Scholarship Committee.

Robert N. Haskell Scholarship: In memory of Robert N. Haskell of Bangor, Maine, Governor of the State of Maine, Bank Executive, Chairman of the Board and President of Bangor Hydro Electric Company, educator, and civic leader, this scholarship is awarded by the Director of Financial Aid on the basis of financial need to a sophomore, junior, or senior who is in a business program, is in good academic standing, and who is a resident and citizen of the State of Maine.

Chesley H. Husson Scholarship: A $2,000 grant awarded annually to an entering first-year student graduating from a high school outside the Bangor area that entered the greatest number of students in the freshman class at Husson College the previous academic year. The school's Principal and Guidance Counselor select the recipient.

Chesley H. Husson, Jr., Scholarship: Two $2,000 grants awarded annually; one to an entering first-year student from Hampden Academy and one to an entering first-year student from Hermon High School. Selection is by the schools' Principal and Scholarship Committee.

Dorothy Bell Husson Scholarship: Two $2,000 grants awarded annually to entering first-year students from John Bapst High School. One recipient to be selected by the Principal and the Chairman of the Business Department and one recipient to be selected by the Principal and the high school's Scholarship Committee.

Roy George Husson Scholarship: Two $2,000 grants awarded annually; one to an entering first-year student from Old Town High School and one to an entering first-year student from Orono High School. Selection is by the schools' Principal and Guidance Counselor.

James and Mildred Judy Scholarship: An award from the fund to an upper-class accounting major in the bachelor's degree program.

Key Bank Scholarship: Formally Casco Northern Corporation Scholarship. An award made annually from the fund to a deserving Maine student.

KPMG Peat Marwick Scholarship: Awarded annually to a student from Maine who has demonstrated unmet financial need.

Elizabeth S. Largay Nursing Scholarship: An award made annually from the fund to a regularly enrolled sophomore nursing student from rural Maine who has achieved a GPA of at least 2.8 in the fall semester of the freshman year.

Edmond LeBrun Scholarship: This scholarship was established to honor a former faculty member, Ed LeBrun. It is an award made annually from the fund to an entering Hampden Academy graduate with proven financial need.

Guy A. Leonard Nursing Scholarship: A privately sponsored scholarship to assist needy Nursing students. The recipient must be in his/her first or second year.

Andrea Karen Lockhart Scholarship: An award is made annually to a deserving student.

D. Bruce MacGregor Scholarship: Awarded to a deserving male student.

Maine Yankee Scholarship: This scholarship was established to provide a financial award made annually to a student from Maine who demonstrates financial need and to honor a major corporation.

Michael Scott McDowell Memorial Scholarship: Established by friends, relatives and colleagues in his memory. The Scholarship Committee awards this scholarship annually to a third-year student majoring in Business Administration who demonstrates financial need and the ability to succeed in a business program. The recipient must also be a native of the State of Maine.

Delmont N. Merrill Scholarship: An award is made annually to a deserving student.

The Louise B. Miller Merit Scholarship: This $250 scholarship is awarded in the first semester of the senior year to the junior business education student who has achieved the highest grade-point average (based upon 15 credit hours) in the second semester of his or her junior year.

Leonard and Renee Minsky Scholarship: An award from the fund to an upper-class business administration major.

Mu Sigma Chi Scholarship: Awarded to an active member of MEX fraternity with a G.P.A. of 2.5 or better.

William P. Newman Scholarship: An award made annually from the fund to an upperclass male student in the Business program who has demonstrated proficiency and sportsmanship.

NMCC Honors Scholarship: Two $500 annual grants to students transferring from Northern Maine Community College to the junior level of a full-time, day division Husson College bachelor's degree program. The Director of NMCC makes selection of the recipients.

Peoples Heritage Savings Bank Scholarship: An award is made annually to a deserving student in the Husson/EMMC Nursing Program.

William B. Read Scholarship: An award made annually to a student from Maine or New Jersey in a business management program.

Joseph J. Snack III Memorial Scholarship: Awarded annually to a financially deserving accounting student.

Charles M. Sullivan Scholarship: To honor former faculty member Charlie Sullivan, an award is made annually to a student in the business administration program with demonstrated need and commitment to public service.

Clara Lincoln Swan Scholarship: Awarded annually during the second semester, based on need, to a non-traditional female student in the field of Business.

Walker-Perkins Scholarship Fund: The Walker-Perkins Scholarship Fund is distributed for tuition expense to one or more Maine students at Husson subject to the following requirements: (1) the student be enrolled in a four-year program for the year in which the tuition grant is made: (2) the student demonstrates the qualifications to benefit from the education which Husson provides; and (3) the student lacks financial resources to pay tuition at Husson. The President makes selection of the recipient. The total amount is $1,000.

G. Peirce and Florence Pitts Webber Scholarship: Awarded annually by the Scholarship Committee to a deserving student from the State of Maine.

Webber Oil Company Scholarship: Awarded annually by the Director of Financial Aid to a deserving sophomore, junior, or senior student with financial need.

G. Peirce Webber Nursing Scholarship: An award made annually from the fund at the discretion of the Dean of the School of Health for financial support to students in the Nurse Practitioner program who demonstrate financial need.

Lloyd Willey: Canteen Service Scholarship: Awarded annually to a student with demonstrated financial need.

Alma C. Williams Scholarship: Awarded annually to an upperclass student from the towns of Clifton, Amherst, Holden, Eddington, Aurora, Great Pond, Osborn, or Dedham, with unmet financial need.

R. Leon and Alma C. Williams Scholarship: An award or awards from a fund to an entering student who is (or will be) a graduate of Brewer High School or John Bapst Memorial High School, and who is a resident of Clifton, Amherst, Aurora, Plantation #33, Osborne Plantation, Eddington or Holden. The recipient must be a deserving and needy student of good citizenship. The recommendation of local school authorities shall be sought in selecting the recipient(s).

ACADEMIC POLICIES

SEMESTER HOUR DEFINED AND STUDENT COURSE LOAD

A semester hour, the unit in which courses are measured, is defined as one hour per week of lecture, or not less than two hours per week of laboratory work throughout a semester. A full-time Ilusson student normally enrolls for 15 credit hours of course work. Exceptions may include the following conditions: (1) a student on probation is required to carry a reduced load of 12 credit hours; or (2) a conditionally accepted student is required to carry a reduced load. Full-time attendance is defined as a course load of 12 or more semester hours.

CHANGE OF ACADEMIC PROGRAM

Students applying for a change of academic program must obtain the approval of the chairs of the departments involved. All program changes become effective at the beginning of the following semester. Students who change their program of study must submit required forms to the Registrar's Office prior to the beginning of their final term or semester.

COURSE CHANGE AND COURSE WITHDRAWALS

During the first week of classes in the semester, students are given the opportunity to adjust their course schedules by adding and dropping courses. Verbal notice to the instructor or failure to attend class is not sufficient notice. Written approval must be obtained from the faculty advisor. Students who drop courses should realize that their actions may affect class status and delay completion of graduation requirements. In addition, athletic eligibility, immigration status, and eligibility for financial assistance may be affected.

The policy with respect to withdrawing from a course is as follows:

1. A student who withdraws from a course after the Add/Drop period may not usually be registered or admitted to another course.
2. A student who withdraws from a course up to the midterm of classes will receive a grade of "W."
3. If a student withdraws after the midterm, a grade of WP or WF will appear on the student's official transcript indicating:
    a. WP (Withdrew Passing)--The student withdrew from the course having completed all work and assignments up to the time of the withdrawal and/or having participated in the course to the academic expectation of the professor.
    b. WF (Withdrew Failing)--The student withdrew from the course not having completed the work and the assignments up to the time of withdrawal and/or had not participated in the course to the academic expectation of the professor.

4. The grade of WP or WF will be determined by the professor of the course and submitted to the Registrar at the time the student withdraws from the course, on an official withdrawal form.
5. The grade of WP, although included on the student's transcript, is not computed into the grade-point average or the cumulative average. The grade of WF is computed into the grade-point average and the cumulative average.
6. No course withdrawal can be initiated after the last day of classes as designated in the academic calendar in the semester or term in which the course is taken.

ATTENDANCE

Students are expected to attend all scheduled class sessions for courses in which they are enrolled. The only recognized absences are those that are the consequence of family or personal emergencies or extended illness requiring confinement or hospitalization. Proof of the validity of a particular class absence may be required of a student by an instructor. The decision as to whether or not a student may make up class work, quizzes or examinations missed while absent is exclusively that of the course instructor.

Instructors keep class attendance records for all courses they teach, and they may file a request with the Chief Academic Officer to deny course credit to any student who has been absent for more than 20 percent of scheduled class time, including laboratory sessions. For Nursing attendance policy, please see Nursing Student Handbook.

LEAVE OF ABSENCE FROM THE CAMPUS

A written leave of absence request submitted to the Dean of the College allows the student to bypass the more lengthy college admissions process and return to school.

DIRECTED COURSE STUDY

In a Directed Study, an individual student and a faculty member cover the content of a course in the Husson College curriculum but do not meet in a regular class section with other students. Normally, a directed study is only approved for those students with fifteen or fewer credit hours remaining in their program of study. Final evaluation of a student includes an assessment of learning outcomes by the faculty member.

Only six (6) semester hours of directed study may be applied to the requirements for a bachelor's degree. Only three (3) semester hours of directed study may be applied to the requirements for an associate's degree.

INDEPENDENT STUDY

In an Independent Study, an individual student and faculty member study subject matter not covered by an established Husson College course. Independent Study courses may be available to students who meet the following criteria:

1. Junior or senior status
2. An overall average of 3.0 or
3. A 3.0 average in the previous semester

A plan of study is developed by the faculty member and submitted to the department chair or dean for approval.

TRANSFER CREDIT POLICY FOR DEGREE CANDIDATES

A student at Husson who is a degree candidate and has not transferred any credit hours from another college or university may transfer twelve (12) credits to be applied toward a bachelor's degree program or six (6) credits to apply toward an associate degree program. However, students are not permitted to transfer in any part of the last year's work in their program [usually thirty (30) semester hours]. A transfer student who becomes a Husson degree candidate cannot transfer in additional credit beyond what was accepted in transfer at the time of admission to Husson College.

SPECIAL SCHEDULE OPTIONS

Husson College offers a January and May Term and from time to time may offer Quarter Courses and other special formats in which classes meet on a more intensive schedule than in semester length courses.

SUMMER SESSIONS

Summer sessions are offered to allow students early entry into a college program, to accelerate their graduation date, or to make up academic deficiencies.

GRADING SYSTEM

The system of evaluating a student's achievement at Husson is by letter grade, with grade-point values based upon an earned three-hour credit unit as follows:

	Grade-Point Average	Quality Points	
A	4.0	12.0	95-100
A-	3.7	11.1	90- 94
B+	3.3	9.9	87- 89
B	3.0	9.0	83- 86
B-	2.7	8.1	80- 82
C+	2.3	6.9	77- 79
C	2.0	6.0	73- 76
C-	1.7	5.1	70- 72

D+	1.3	3.9	67- 69
D	1.0	3.0	63- 66
D-	0.7	2.1	60- 62
F	0	0.0	Below 60
+P	C level work or higher	- Passed	
+++NG	No grade submitted (temporary grade)		
W	Withdrawal up to midterm		
+WP	Withdrew passing		
WF	Withdrew failing		
E+	Exited in the first four weeks without withdrawing		
X	Credit denied because of excessive absence		
+WA	Administrative withdrawal		
+++I	Incomplete (temporary grade)		
++Q	Audit, no credit earned		
+L	Student enrolled but never attended course, no withdrawal on file.		

+Grade does not affect GPA

++ Audit Courses: Students who wish to audit a course (enroll for noncredit) must follow the usual registration procedure and will be charged according to the regular tuition schedule.

+++A temporary grade (I & NG), if not converted to a final grade, becomes an F at the mid point of the following term or semester.

The Registrar's Office does not report grades upon a verbal request to do so. Only written requests by authorized personnel are acknowledged.

ACADEMIC INTEGRITY

Academic honesty is expected of all students. A student's education is the result of individual initiative and industry. Students should understand, therefore, that to submit work which is not their own is not only a transgression of College policy, but a violation of personal integrity. The academic community does not tolerate any form of cheating or plagiarism.

The penalty for cheating or plagiarism may be failure in the course. Other academic sanctions may also be taken by the College authorities, including dismissal from the College.

STUDENT APPEAL OF A COURSE GRADE

If a student believes he or she has received an improper grade for a course, he or she must present the case to the instructor before midterm of the next regular semester (e.g., fall, spring.) If the student is not satisfied with the result of that consultation, he or she may refer the matter to the Dean of the School offering the course. The Dean will consider only issues of procedure and fair treatment and will not review the academic judgment used in determining a grade. If the complaint remains unresolved, the student may submit a written appeal to the Chief Academic Officer, who will refer the case to the Deans' Council. The

Deans' Council will also only consider issues of procedure and fair treatment. All appeals must be initiated before the end of the semester or term following the one in which the disputed grade was awarded.

If the Deans' Council comes to a conclusion different from that of the faculty member and further consultation does not resolve the issue, the Chief Academic Officer will appoint a review committee of faculty peers, one peer selected by the faculty member who awarded the disputed grade, who will make a final determination.

PASS/FAIL

The option to take a course on a pass/fail basis may not be available in all courses. When it is available, the students must declare choice of the option before the end of the add/drop period.

INCOMPLETE GRADES

In exceptional circumstances students may be given an I (Incomplete) grade. Criteria for granting Incompletes include illness or accident, death or critical illness in the family, emotional disturbance requiring special guidance, and similar difficulties. Incompletes must be concluded and earned grades recorded by midpoint of the semester following the assignment of the incomplete grades.

An Incomplete automatically becomes an "F" if the Registrar's Office is not notified by the instructor that another grade has been awarded.

ACADEMIC WARNING, PROBATION AND DISMISSAL

Degree and Special students who do not achieve the minimum cumulative grade-point average listed below receive warnings or are placed on Probation as indicated:

On the completion of:

9-29 Credit Hours	
1.00-1.49 GPA	Academic Probation
1.50-1.99 GPA	Academic Warning
30 and over Credit Hours	
Below 1.90 GPA	Academic Probation
1.90-1.99 GPA	Academic Warning

First-year students who do not achieve a 1.0 grade-point average for the first semester of attendance may be academically dismissed. However, they may be offered the option to forfeit their entire first semester of course work and retain their enrollment for a second semester if there is a high probability that they can improve their academic performance. Students who are offered this option and accept it must return to school for the following semester.

Academic Warning alerts students that their achievement is below the standard required for normal progress toward graduation. As a result, reduction in student credit-hour course loads may be imposed as well as restrictions on extracurricular activities. Grade deficiencies should be removed during the subsequent semester or during summer terms when possible.

Academic Probation signifies that students are in serious academic jeopardy. Students on probation must remove grade deficiencies during the subsequent semester or during summer sessions. Failure to do so may result in academic dismissal from the College. Students on Probation are required to carry a reduced class load and are restricted on extracurricular activities.

Extended Probation may be granted at the discretion of the Chief Academic Officer if the student does not remove the deficiencies in his/her cumulative grade-point average after the completion of the subsequent semester, but has attained a minimum of 2.0 grade-point average in the subsequent semester.

Dismissal: When a full-time day student is dismissed for academic reasons, the student will not be allowed to register for Husson CED courses while the dismissal is in force.

A student may be dismissed from an academic program but remain in acceptable standing in the college. Students dismissed from a degree program will be assigned to special or undeclared status until they complete a change of major form.

REPEATING A COURSE

Students may elect to repeat courses in which they have received a grade of "C-" or below. The newly earned grade will replace the original grade in the calculation of a student's cumulative grade-point average; however, the former grade is retained as originally recorded in the student's transcript. Students cannot repeat a course that has been removed from the curriculum unless another course has been designated as an approved alternative for the deleted course.

When a student receives a failing grade (X, F, or WF) in a 299 or 499 course with unique content and seeks to repeat the course, the Dean of the School in which the course was offered may authorize a comparable course to be taken as a substitute. The grade in the designated substitute course will replace the failing grade in calculating the cumulative grade-point average.

Students are required to repeat some courses in which they have earned a grade below a "C-". The courses to which this policy applies are the following:

Eh	091	Writing Workshop
Eh	092	Writing Workshop for International Students

Eh 111 College Writing
Ms 091 Fundamental Skills for College Mathematics

A student required to repeat a course will be charged full tuition for the course.

ACADEMIC FORGIVENESS

A Husson student who withdraws from one baccalaureate program and enters another may petition the Chief Academic Officer to obtain relief from low grades. The Chief Academic Officer will consult with the Dean who has jurisdiction over the student's new program of study. If the petition is granted, the Dean will identify courses which are unrelated to the new major and to the College's general education requirements and in which the student earned grades of F, X, or WF. The grades from these courses will be withdrawn from the calculation of the GPA in the student's new program of study.

Relief under this policy is an option open to students only once. Should the student later seek re-admission to her or his original degree program, the grades withdrawn from the GPA calculation under this policy will be restored to reflect the student's performance in that program.

CLASS IDENTIFICATION

A student is usually identified as a first-year student, sophomore, junior or senior. Such a classification is applicable to the four years of regular college attendance. However, an increase in hours earned during one or more semesters or enrollment in summer sessions may result in an accelerated program. Thus, it is more accurate to designate class standing in accordance with credit hours earned.

The following schedule of hours earned plus current enrollment is used to establish class standing:

0-23 First-year Student
24-53 Sophomore
54-83 Junior
84 Senior

Standing is determined based on all credit hours earned at Husson plus credits accepted in transfer.

The schedule above has no necessary relationship to the cumulative hours and required grade-point average necessary for continuing enrollment.

GRADUATION REQUIREMENTS

Course requirements for Bachelor of Science and Associate in Science degrees are listed in the sections of this catalog devoted to each School. When the degree candidate successfully completes the curriculum for a selected program

of study, he or she is recommended for a degree. Students may complete more than one concentration of study within a degree area.

Candidates for a Bachelor of Science degree are required to complete a minimum of 120 semester credit hours maintaining a minimum 2.0 overall cumulative grade-point average and 2.0 in the professional requirements of the concentration, with at least 15 credit hours in their concentration completed at Husson College. Some programs extend into the fifth year and require substantially more than 120 semester hours to complete. Some programs may have more rigorous grade-point average requirements.

A student who seeks a second or additional bachelor's degree must complete a minimum of 30 additional semester hours at Husson beyond the requirements for the first degree and complete all requirements in the second degree area.

Candidates for an Associate in Science degree are required to complete a minimum of 60 semester credit hours maintaining a 2.0 or better cumulative grade-point average, and a 2.0 in the professional requirements of the concentration, with at least 15 credit hours in their concentration completed at Husson College.

A degree candidate is required to spend at least one academic year (or its equivalent) in residence as an enrolled student. Students must take their final thirty (30) credit hours at Husson College.

Students are given one copy of their transcript at no charge. A minimum charge of $3 is made for subsequent copies upon written request. No transcript is issued until the student's financial account has been paid in full.

Degrees are conferred at Spring Commencement exercises held in May. Students are encouraged to be present at Spring Commencement. Students who complete degree requirements in August or December will, upon request, receive a letter stating that they have completed all of the degree requirements.

No diploma is issued until the student's financial account has been paid in full.

HONORS

A student carrying a full course of 12 semester hours is placed on the Dean's List when a grade-point average of 3.4 or better is maintained for the semester and all courses attempted in the semester are completed at the end of the semester.

Husson makes several awards annually in recognition of the accomplishments of members of the graduating class. Special recognition is also given to outstanding men and women of the graduating class in both the Bachelor of Science and Associate in Science degrees. These honors are determined by

cumulative grade-point averages earned at the end of the penultimate term in a student's program of study. To qualify, students must meet specified eligibility requirements.

Graduation honors are as follows:

Summa cum laude	3.8-4.00 GPA
Magna cum laude	3.6-3.79 GPA
Cum laude	3.4-3.59 GPA

VALEDICTORIAN/SALUTATORIAN

To be eligible for the award of Valedictorian or Salutatorian a student must complete a minimum of 90 credit hours at Husson; take a minimum of 12 credit hours per semester for at least six semesters, and complete degree requirements within five years of matriculation. Students matriculating in programs in which the bachelor's degree is normally awarded at the end of five years must complete degree requirements within six years to qualify for valedictorian or salutatorian.

The Valedictorian will be the graduating senior with the highest grade-point average. The Salutatorian will be the graduating senior with the second highest grade-point average. The winner of the Outstanding Academic Achievement Award will be the graduating senior with the highest grade-point average, who has completed at least 60 hours at Husson, but who does not meet the eligibility requirements for valedictorian or salutatorian.

Valedictorian, Salutatorian, and Outstanding Academic Achievement Awards are determined based on grades received through the eighth or final semester in a student's program of study.

CONFIDENTIALITY OF STUDENT RECORDS

All students and alumni are authorized access, upon presentation of written requests, to records of their attendance, performance, and scholastic achievement maintained by the College. In accordance with the Family Educational Rights and Privacy Act of 1974 as amended, regulations setting forth the procedures by which access may be obtained, the person or persons responsible for custody of records, and the persons authorized to have access to student records have been published. These regulations are available to interested persons upon request. Records are maintained in accordance with federal and state regulations. In general, after seven years beyond termination or graduation, only transcripts of Husson courses are retained in the Registrar's Office.

CONTRACT FOR DEGREE

Normally, the final thirty credit hours of a student's program of study must be completed at Husson College. Under certain circumstances, a Contract for

Degree option will be available for active duty military personnel and other students who are forced to leave the region before completing their studies because of a work assignment.

The student must be able to complete a minimum of thirty of the last sixty credit hours at Husson, fifteen of which must be in the major. Some major courses may not be acceptable as transfer courses. To qualify for the Contract for Degree option, a student must be in good academic standing.

The Dean responsible for the student's major area must give permission to develop a Contract for Degree. The Contract is to be developed with the academic advisor and the Chair of the major program, and must stipulate the specific courses to be completed at another institution.

The Contract process must be initiated while the student is in residence at Husson. The specific courses to be taken at another institution should be approved by the Chair of the major before the student registers. The student must file a written progress report annually with the Chair of the major area, and all work on the degree should be completed within five years of the time the Contract is written.

COMPLIANCE

It is the responsibility of the student to be familiar with and abide by all academic regulations, including requirements for completing the major and degree, prerequisites to be met for enrolling in certain courses, restrictions on enrollment in certain courses, and withdrawal from and repeating of courses. Failure to comply with all regulations could adversely affect the student's status and graduation.

GENERAL EDUCATION

In the fall of 1997, the Husson College Faculty approved a new General Education Curriculum for all programs leading to the baccalaureate degree. The General Education Curriculum is organized around a set of broad personal and professional attributes that the faculty believes ought to characterize a graduate in every Husson major. These attributes are:

Professional and technical competence in a major field of study
Knowledge of ethical standards and skill in ethical analysis
Knowledge of self and positive self image
Effectiveness in communication
Global and cultural awareness and understanding

In addition to these major attributes, the Husson Faculty expect graduates to be able to manage their own life-long learning, exhibit leadership and interpersonal skills, and know the value of service to one's community.

The General Education Curriculum includes a set of core requirements and elective courses designed to help students develop these attributes. Every baccalaureate student must complete this set of eight core courses:

Eh 111 College Writing
Eh 112 Approaches to Literature
Eh 121 Speech
Mi 111 Introduction to Microcomputing (or approved alternative)
Laboratory Science
Mathematics (two courses)
Senior Seminar

Each student must also satisfy a set of distribution requirements through selection of appropriate electives in the following areas:

Experiential Learning (co-op, internship, clinical, other) (1)
Ethics (1)
Psychology (1)
Communications (3)
Foreign Culture and Conversation (1)
Fine Arts (1)
Global Perspectives (1)

Students may substitute documented learning from experience in the foreign culture and conversation requirement and the fine arts requirement.

To complete the General Education requirements, students must also document learning through co-curricular or community service experiences.

PROGRAMS OF STUDY

Husson College offers the following programs for undergraduate students. Some programs have specialized concentrations, and more detailed information is available in the sections of this catalog devoted to each School. The College also provides opportunities for students to choose a minor program of study (see below). CED students have more limited program options and should consult with the Center Director in their respective area.

Bachelor of Science in

- Accounting
- Biology
- Biology Teacher Education
- Business Administration
- Business and Technology
- Business Technolgoy Education
- Computer Information Systems
- Criminal Justice
- Elementary Education
- Nursing
- Occupational Science
- Paralegal Studies
- Physical Education
- Psychology
- Science and Humanities

Associate of Science in

- Accounting
- Business Administration
- Business Studies
- Computer Information Systems
- Paralegal Studies

Master of Science in

The following five-year programs lead to a master's degree but are designed for entry by undergraduate students. Qualified individuals with a bachelor's degree may seek admission to the third year.

- Physical Therapy
- Occupational Therapy

The following five-year options lead to both a bachelor's and a master's degree:

- B.S. Accounting/M.S. in Business
- B.S. Business Administration/M.S. in Business
- B.S. Computer Information Systems/M.S. in Business
- B.S. in Physical Education/M.S. in Business

MINOR PROGRAMS

All students enrolled in baccalaureate degree programs have the opportunity to acquire an academic minor in addition to their major course of study. Minor programs include Accounting, Behavioral Science, Computer Information Systems, English, Hospitality Management, Mathematics, and Psychology. Each minor carries a minimum requirement of eighteen (18) credit hours of prescribed course work, and no more than nine (9) credit hours transferred from another college or university can be applied to meet the requirements of a minor. For specific information, students should consult the Office of the Dean of the School offering the minor.

COOPERATIVE EDUCATION PROGRAM

The Cooperative Education courses combine classroom theory with practical work experience. Cooperative education courses are available to students when business, industry, or nonprofit institutions join with the College to provide planned periods of part-time or full-time employment. The major objective is to provide students with a career-oriented, educational program that is beneficial to both the student and the cooperative education employer.

Through the blending of study and employment, students may (1) better understand classroom theory through application to a working situation; (2) clarify and define career goals; (3) evaluate chosen academic majors; (4) acquire professional experience; (5) develop maturity, self-confidence, and communication skills; and (6) defray a portion of their educational expenses.

The cooperative education courses are offered to Associate and Bachelor of Science degree candidates who have completed at least two academic semesters in the programs of Accounting, Business Administration, Business Technology Education, Computer Information Systems, Nursing, or Executive Administration. These students must have at least a 2.0 cumulative grade-point average to participate in a cooperative employment experience. There may be additional requirements in particular programs. Unless otherwise stated, a student may earn a maximum of twelve (12) credit hours toward a Bachelor of Science degree and six (6) credit hours toward an Associate in Science degree by working part- or full-time in a business and/or an institution during fall, spring or summer session(s). Students may earn a maximum of six (6) credit hours in a given semester or summer session. Students are encouraged to enroll in Cooperative Education courses wherever general, technical, or open electives are available. Cooperative Education courses fulfill the experiential learning requirement in the general education curriculum. A set rate is paid by students participating in cooperative education regardless of status as CED or day school student.

ARMY AND NAVY R.O.T.C.

Husson students who wish to do so may participate in either Army, or Naval Reserve Officers Training Corps programs in conjunction with the Department of Military Science or Naval Science at the University of Maine at Orono. Participants may gain scholarship status and graduate as second lieutenants in the Army or achieve the rank of Ensign in the Navy Nursing Program.

GRADUATE ACADEMIC POLICIES

Husson College offers graduate programs in business, nursing, occupational therapy, and physical therapy. The Master of Science in Business and Master of Science in Nursing programs are designed for students who already hold a baccalaureate degree. The policies described below apply to these post-baccalaureate programs. For a description of the Master of Science in Business program, see pg. 51. For a description of the Master of Science in Nursing Program, see pg. 101.

The Master of Science in Physical Therapy Program and the Master of Science in Occupational Therapy Program are five-year entry-level master's programs. Students are normally admitted in their first year of college and spend three years in undergraduate course work and two years in graduate course work. The Master of Science degree is awarded upon successful completion of these five-year programs. There is no baccalaureate degree option in these professional programs available at Husson.

ACADEMIC STANDARDS

Admission to a graduate program is a student's permission to attempt graduate-level work at Husson College. Admission does not imply that Husson College guarantees that a student will necessarily graduate. Once admitted, it is up to the student to demonstrate ability to do graduate work. Those students who do not demonstrate this ability will be dismissed.

Students must maintain a "B" average (3.0) in order to continue in a graduate program. A student whose average falls below 3.0, who earns a grade lower than a "C," or who earns more than two grades of "C" or "C+," will be reviewed by the Graduate Academic Affairs Committee, which may dismiss the student or determine the conditions under which the student may continue in the program. No more than six credits of course work in the "C" range can be applied toward the master's degree. A student who has not attained a grade point average of 3.0 or better at the end of his or her program of study will not graduate. Specific graduate programs may have more rigorous requirements for maintaining satisfactory academic standing.

GRADING SYSTEM

The system of evaluating a student's performance in the graduate program is by letter grade, with grade-point values as follows:

	Grade-Point Average	Quality Points
A	4.0	12.0
A-	3.7	11.1
B+	3.3	9.9
B	3.0	9.0
B-	2.7	8.1
C+	2.3	6.9
C	2.0	6.0
F	0	0.0

*E	Exit without withdrawing in the first four weeks
*P	Passed
*NG	No Grade Submitted
*W	Withdrawal Before Midterm
*WP	Withdrew Passing
WF	Withdrew Failing
X	Credit Denied Because of Excessive Absences
*WA	Administrative Withdrawal
*I	Incomplete
**Q	Audit, No Credit Earned
*L	Student Enrolled But Never Attended Course, No Withdrawal on File

*Grade does not affect GPA
**Audit Courses: Students who wish to audit a course (enroll for noncredit) must follow the usual registration procedure and will be charged according to the regular tuition schedule.

RESOURCES FOR GRADUATE STUDY

The library provides services and resources to meet the study and research needs of undergraduates, graduate students, and faculty. The focus of the collection is on materials that complement the degree programs and reflect the interests of the College; however, books and journals for recreational reading and for personal growth are also part of the collection. In addition to books and journals, the library maintains modest collections of federal and state documents, company annual reports, and pamphlets. Faculty place assigned and suggested course readings on reserve, which are obtained at the circulation desk.

Electronic databases are an important component of the library's resources. Information about the library's resources, including its online catalog, is accessible on the World Wide Web. Follow links to the library from the College's home page at www.husson.edu. Information resources available through the library include such full-text databases as Encyclopedia Britannica On-line, Westlaw's legal database, Stat-USA, and a federal taxation database. Citation databases include First Search, Medline, Wilson Business Abstracts, and

numerous others. The library has links to the holdings of other academic, research, and public libraries in Maine.

Students have access to local libraries, including Bangor Public Library, Parrot Health Science Library at Eastern Maine Medical Center, the Penobscot County Law Library, and Fogler Library of the University of Maine. The library cooperates with these and other libraries nationwide to obtain materials that we do not own. The library is open seven days a week during the academic year and offers a quiet environment conducive to studying.

TUITION AND FEES

Tuition in the Master of Science in Business Program is $660.00 per three-credit course. Tuition in the Master of Science in Nursing Program is $349.00 per credit hour. A nonrefundable application fee of $25 is required with the formal application for admission to graduate study at Husson. Lab fees may be assessed in some courses.

A graduation fee of $75 covers the following items: diploma, invitations, and cap and gown. The fee is payable at the time the student petitions for graduation and is due regardless of whether a student attends the graduation ceremony. The petition for graduation also initiates a final check of the student's file to ensure that all requirements have been met and all official transcripts and other documents are on file.

All students are entitled to one official transcript of their academic record at Husson College. Additional copies are issued at the cost of $3.

The Board of Trustees reserves the right with reasonable notice to adjust tuition and fees in accordance with changing costs of operation.

REFUND POLICY

Students are enrolled for a place in the College for the entire semester, not for a period of attendance; and the fact that fees are sometimes paid in installments does not constitute a fractional contract.

Refund credit will be prorated on the balance of tuition, after deducting the tuition deposit and other nonrefundable fees, according to the following schedule:

	15-Week Term
During the First Week	90%
During the Second Week	80%
During the Third Week	70%
During the Fourth Week	60%
During the Fifth Week	50%
During the Sixth Week	40%
During the Seventh Week	30%

During the Eighth Week	20%
During the Ninth Week	10%
After the Ninth Week	0%

Terms of different lengths will have different pro rata refund schedules.

WITHDRAWAL

A student who withdraws must file a withdrawal notice in writing with the Graduate Office. Refund credits will be computed from the date that official notice is received in the Graduate Office. Nonattendance of classes does not constitute an official withdrawal. Laboratory and application fees are not refundable.

FINANCIAL AID

The Federal Stafford Loan Program is available for students admitted to and enrolled in the graduate program. These loans are administered through banks and savings associations. To obtain further information and loan application forms, students should contact the Student Loan Officer at their local bank. The Financial Aid Officer at Husson College is also available to assist students in securing the loan.

GRANTS

Federal Nurse Traineeship Grants may be available to full-time students in the M.S.N. Program. Please contact the M.S.N. Program Director for further information.

PAYMENT PLAN

Each student is expected to pay at least one-third of the fall or spring semester's total cost at the time of formal registration. For the summer session, at least one-half of the total cost should be paid at formal registration.

Details about the deferred payment plan are available from the Business Office.

HOUSING

A limited number of spaces may be available in the residence halls during the academic year. Students who attend only during the summer sessions may be accommodated in a residence hall.

Off-campus rooms and apartments are available in Bangor and the surrounding communities. Living accommodations are scarce, however, so the student is advised to arrange for housing in advance of initial enrollment. All inquiries about residence hall spaces should be sent to the Dean of Student Affairs.

The School of Business

Robert B. Kuhn, M.B.A., J.D., LL.M.
Dean, School of Business

David J. Casavant, J.D.
Assistant Dean, School of Business

The Faculty

Jesse W. Baker, Ed.D.
Organizational Behavior

Cristanna M. Cook, Ph.D.
Marketing
Economics

Daniel Gallant, M.S.
Economics
Hospitality Management

Robert G. Goodwin, M.Ed.
Computer Information Systems

Philip C. Grant, Ph.D.
Human Resource Management
Operations Management

Bruce Jordan, B.S., C.P.A.
Accounting

Karen Kydd, M.S.
Accounting

Kenneth Lane, D.A.
Computer Information Systems

Dewey W. Martin, M.S.T., C.P.A.
Accounting

William B. Read, Jr., M.A.
Business Law

Robert M. Smith, Ph.D.
Management

J. Douglas Wellington, M.B.A., J.D.
Financial Management

John W. Winkin, Ed.D.
Sports Management

The Programs

MASTER OF SCIENCE IN BUSINESS

ACCOUNTING
- B.S. Accounting
- B.S. Accounting/CIS
- B.S. Accounting/M.S. in Business
- A.S. Accounting

BUSINESS ADMINISTRATION
- B.S. Business Administration
  - Business Administration
  - Family Business Management
  - Finance
  - Hospitality Management
  - International Business
  - Management
  - Marketing
  - Small Business Management
  - Sports Management
- A.S. Business Administration
- B.S. Business Administration/M.S. Business
  - Finance
  - International Business
  - Management
  - Marketing

BUSINESS AND TECHNOLOGY
- B.S. Business and Technology

BUSINESS STUDIES
- A.S. Business Studies

COMPUTER INFORMATION SYSTEMS
- B.S. Computer Information Systems
- B.S. Computer Information Systems/M.S. in Business
- A.S. Information Systems

PARALEGAL STUDIES
- B.S. Paralegal Studies
- A.S. Paralegal Studies

MASTER OF SCIENCE IN BUSINESS

Established in 1978, the Master of Science in Business Program reflects Husson's long-standing commitment to education for leadership in business. The College believes such education is more than a matter of theory and books. Active classrooms, courses tied closely to actual management experience, and a diverse student body representing various academic and industry backgrounds contribute to a fuller, more useful education.

The Master of Science in Business Program is a thirty-six-credit graduate management curriculum designed to develop and strengthen skills in analysis, decision-making, and implementation. The program balances strengths in the traditional areas of accounting, finance, operations, and marketing with careful attention to the development of skills in communication, interpersonal relations, and leadership essential to effective performance in organizations.

In the Master of Science in Business Program, there are no undergraduate prerequisites to graduate level course work. Working professionals with bachelor's degrees from a wide range of fields find the program well suited to balancing current job demands with the need for continuing professional development.

Classes are scheduled on evenings and weekends to accommodate participants' work schedules. The part-time student can complete the program in two years without career interruption. The program is offered on the Husson Campus in Bangor, at the College's Portland Center, and at selected other off-campus locations.

Core Requirements

The core curriculum in the Husson College Master of Science in Business Program consists of seven required courses. Five additional courses selected from a range of electives make up the thirty-six credits required for completion of the program. Students with a strong background in one or more of the required course areas may, with approval, substitute an elective for the course(s) in question. The core curriculum is as follows:

Gr 716 Management Communications
Gr 718 Research Methods
Gr 726 Organizational Policy and Strategy
Gr 738 Managerial Economics
Gr 740 Managerial Accounting

Plus one of the three functional management courses:

Gr 730 Financial Management
Gr 732 Marketing Management
Gr 734 Production Management

And one of the two courses on the environment of business:

Gr 728 Corporate Strategy and Public Policy

Gr 736 Business Law

For purposes of sequencing, the required core courses and the general management electives in the Master of Science in Business curriculum have been clustered in three categories. Category I courses constitute a first-level platform in the curriculum and must be completed (unless waived) within the first eighteen credit hours and prior to enrollment in any Category II courses. Category II contains selected functional and advanced subject area courses that require the foundation provided by Category I courses. The third category contains all those general management courses that are open to enrollment at any point in a student's program of study. Some Category III courses do have specific prerequisites.

CATEGORY I

Gr 718 Research Methods
Gr 738 Managerial Economics
Gr 740 Managerial Accounting

CATEGORY II

Gr 726 Organizational Policy and Strategy
Gr 730 Financial Management
Gr 732 Marketing Management
Gr 734 Production Management
Gr 742 Accounting for Planning, Budgeting & Control
Gr 746 Investment Analysis
Gr 754 New Venture Planning and Management

CATEGORY III

Gr 708 Managing Change
Gr 710 Human Resource Management or GR 708 Managing Change
Gr 716 Management Communications
Gr 720 Computer Applications for Business and Education
Gr 721 Systems Analysis
Gr 724 Leadership in Business and the Professions
Gr 728 Corporate Strategy and Public Policy
Gr 735 Management in the Service Sector
Gr 736 Business Law
Gr 744 Quantitative Decision Making
Gr 748 Management Information Systems
Gr 752 Current Issues in Business

Health Care Management

While the Master of Science in Business Program has been designed primarily for the education of management generalists, the curriculum does contain a specialized program option in health care management. Students who wish to focus their course work in health care management are expected to complete the M.S. in Business core curriculum, take up to four of the industry specific courses

listed below, and complete other elective courses sufficient to satisfy the thirty-six credit hour requirement.

The health care management courses are

Gr 756 Health Care Management
Gr 757 The Legal Environment of Health Care
Gr 758 Health Care Economics
Gr 759 Financial Management in Health Care Organizations

Non-Profit Management

Husson College has a long tradition of preparing leaders for organizations that must be adept at change, entrepreneurial in meeting opportunities, and skilled in making the most of available resources. That tradition has led the College to offer within the Master of Science in Business Program course work in the field of non-profit management. Students interested in studying management in the non-profit sector will complete the core courses in the Master of Science in Business curriculum and take a set of electives that address roles, functions, and responsibilities particularly relevant to non-profit organizations. Four recommended electives are:

Gr 735 Management in the Service Sector
Gr 761 The Non-Profit Sector: Philanthropy and Volunteerism in America
Gr 763 Strategic Marketing for Non Profit Organizations
Gr 765 Fund-raising

ADMISSION

Application for admission to the master's program at Husson should be made to the

Dean of Graduate Studies
Husson College
One College Circle
Bangor, Maine 04401
207) 941-7062, or 1-800-477-4723

To be admitted, an application must have received a baccalaureate degree from an accredited institution and must show promise of ability and motivation to pursue graduate-level work. The Graduate Committee based on the following factors determines this requirement:

1. A personal interview with the Dean of Graduate Studies.
2. Letters of recommendation.
3. Previous college or university work.
4. Score on the Graduate Management Admissions Test (GMAT).
5. Previous work experience.

The Admissions Committee makes its determination based on a composite of factors and is aware that undergraduate grades or GMAT scores alone may not reflect an applicant's true potential. An application is not considered complete until the following are received:

1. An application with the $25 application fee (nonrefundable).
2. Official transcript of all previous college work.
3. Two letters of recommendation. (Forms for this purpose are supplied with the application.)
4. Graduate Management Admissions Test (GMAT) results. Graduate Record Examination (GRE) scores may be submitted in lieu of the GMAT. (For information concerning these examinations, contact the Graduate Studies Office.)

STATUS

An applicant's admission status is one of the following:

Regular. Students whose applications are complete and who are accepted by the Graduate Admissions Committee without condition are admitted as regular graduate students.

Conditional. In reviewing a candidate's application, the Graduate Admissions Committee may recommend that a student be accepted on a conditional basis. The letter of acceptance will contain the conditions that must be met before the student can be reclassified for regular status.

Special. This status is assigned to those students who are taking graduate courses but whose applications are not yet complete. Students who are awaiting the GMAT could be enrolled in this category. Admission as a special student does not necessarily mean that the student will be accepted as a regular student when and if application is made for such status. No more than 12 hours in special status may be applied toward the master's degree. Admission to special status requires the submission of official undergraduate transcripts.

Transient. A person enrolled in any other graduate program at another college or university may enroll in graduate management courses at Husson College as a transient graduate student provided prerequisite courses, when appropriate, have been taken.

TRANSFER CREDIT

Normally, six credits of appropriate graduate-level course work, earned within five years of entry into the Husson program, may be transferred from an accredited institution, if the grades earned in such course work are "B" or better.

In special circumstances, an individual who has begun a graduate management program at another accredited institution may transfer up to nine credits from that program if those credits have been earned within five years of the date of entry to the Husson program. Likewise, an individual who relocates out of the area may, with prior approval of the Graduate Dean, transfer back to the Husson program up to nine credits of graduate-level course work from an accredited institution in order to complete the requirements for the M.S. in Business degree. Only credits earned in course work completed with a grade of "B" or better will be eligible for transfer.

No credits used to earn another degree can be applied in transfer to the Husson M.S. in Business Program.

INTERNATIONAL STUDENTS

The international applicant is expected to submit the same credentials as other students, including transcripts of courses taken and examination results. If the documents are not in English, they must be accompanied by an English translation certified by the same issuing authority or by a reputable translation service.

Applicants whose native language is not English must demonstrate proficiency in reading, writing, speaking and understanding English. Such applicants must meet both the following requirements:

1. Completion of Level 9 at the International Center for Language Studies located at Husson College, or its equivalent. A score of 550 or higher on the Test of English as a Foreign Language (TOEFL) will be accepted in lieu of completion of Level 9.
2. Successful completion of a minimum of four undergraduate courses at Husson College or another accredited U.S. College or university. Two of the courses must be in English, technical writing, or a related area. The remaining two courses must be in business or a related field. A grade of "C" or higher must be earned in each composition course and a grade of "B" or higher in each business course.

PROGRAMS IN ACCOUNTING

B.S. Accounting/M.S. in Business	5 years/150 credits
B.S. Accounting	4 years/120 credits
B.S. Accounting/CIS	4.5 years/135 credits
A.S. Accounting	2 years/60 credits

Husson Accounting majors begin their study of accounting in their first year, and then progress through a series of advanced courses that provide in-depth exposure to all specialized aspects of the profession. Faculty are experienced practitioners who combine practical knowledge with up-to-date theory in their teaching. Small class size ensures that students receive the attention they need to do their best. These unique aspects of the Husson Accounting programs produce graduates who are well trained and ready to enter the profession.

The B.S./M.S. in Business program enables a student to fulfill the Maine Board of Accountancy requirement of 150 semester hours of college education for individuals who wish to sit for the Certified Public Accountant designation. High-level courses in management complement intensive professional training in accounting to prepare graduates for leadership in the field.

The Accounting major is designed to provide a strong professional base in accounting; students may select electives to specialize in either public accounting or management accounting.

Public accountants work with clients in many different industries. They audit organizations' financial records, provide tax advice, work with information systems, or consult on business problems. Some work within large multinational firms, but most work for regional firms with approximately 30 professionals.

Management accountants work for a single organization, which may be a large corporation, a small business, a not-for-profit organization, or a government entity. They are part of the management team and analyze data, recommend ways to increase profitability, and help plan for the future. Specialized tasks include cost accounting, internal auditing, financial accounting, tax compliance, planning and budgeting, management consulting and information systems management.

The special joint program in Accounting and Computer Information Systems enables the student to add significant knowledge of computers to professional training in accounting. This combination is highly sought after in both public and management accounting settings. The 135 credits required for this program can apply to the 150 semester hours required to sit for the CPA exam.

The A.S. in Accounting program provides a solid introduction to the field and qualifies the graduate to work as a bookkeeper, become a paraprofessional in a

public accounting firm, or even to manage a small business. All credits are fully transferable into the four-year program.

Students who major in another field offered by the College may choose to complete a minor in accounting.

Requirements for Accounting Majors
All Accounting majors must earn an overall 2.0 cumulative grade-point average as well as a 2.0 in their Ac prefix courses. Transfer students must complete a minimum of 15 credit hours in Ac prefix courses at Husson. Students in the B.S. Accounting/M.S. Business program must maintain a 3.0 in graduate course work.

B.S. in Accounting
General Education Courses

Eh	111	College Writing
Eh	112	Approaches to Literature
Eh	121	Speech
Eh	221	Business Communications
Ec	201	Microeconomics
Ec	202	Macrocconomics
Mi	111	Introduction to Microcomputing
Mi	214	Microcomputing Spreadsheet Application
Ms	111	Algebra or Ms 242 College Algebra
Ms	132	Probability and Statistics
Ms	232	Finite Math
Ph	302	Business Ethics
Py	111	General Psychology
Sc		Elective with Lab
Mi		Elective
Foreign Culture & Conversation Elective		

Accounting and General Business Courses

Ac	121	Principles of Accounting I
Ac	122	Principles of Accounting II
Ac	201	Intermediate Accounting I
Ac	202	Intermediate Accounting II
Ac	301	Advanced Accounting I
Ac	302	Advanced Accounting II
Ac	331	Cost Accounting I
Ac	442	Federal Taxation II
Ac	431	Controllership
Ac	441	Federal Taxation I
Ac	461	Auditing Concepts or Ac 462 Internal Auditing
Ac	471	Accounting for Nonprofit Organizations
Ac	332	Cost Accounting II or Ac 442 Federal Taxation II or

Ac 471 Non-Profit Accounting or Mi 321 MIS Analysis & Design
Internship/Co-op
Ba 201 Business Law I
Ba 310 Organization and Management
Ba 321 Marketing
Ba 362 Financial Management
Global Business Elective (BA 334, 434, 437, or 490) or GE 111 Economic Geography
Mi Elective
Open Elective (3)

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

B.S. in Accounting/M.S. in Business

All requirements shown for the BS in Accounting plus

Ac 442 Federal Taxation II
Ac 471 Accounting for Nonprofit Organizations
Ac 483 Financial Accounting and Reporting - Advanced Problems or open elective
Ac 484 Financial Accounting and Reporting and Consolidations – Advanced Problems or open elective
Gr 716 Management Communications
Gr 718 Research Methods in Business & Education
Gr 726 Organization Policy & Strategy
Gr 728 Corporate Strategy & Public Policy
Gr 732 Marketing Management or
Gr 734 Production Management
Gr 738 Managerial Economics
Graduate Electives (4)
Open Undergraduate Electives (3)

B.S. in Accounting—Computer Information Systems

All requirements shown for the BS in Accounting plus

Mi 122 Visual Basic
Mi 226 Web Applications
Mi 331 Networking
Mi 321 Systems Analysis & Design
Mi 421 Project Management Techniques
Mi 422 MIS Project Development
Ac 471 Accounting for Nonprofit Organizations
Open Electives (reduced to 4)

A.S. in Accounting

All courses marked with an (*) on page 50 plus

Ac 211 Managerial Accounting
Open Elective (1)

PROGRAMS IN BUSINESS ADMINISTRATION

B.S. Business Administration	4 years/120 credits
Concentrations in:	
Business Administration (General)	
Family Business Management	
Finance	
Hospitality Management	
International Business	
Management	
Marketing	
Small Business Management	
Sports Management	
A.S. Business Administration	2 years/60 credits
B.S. Business Administration/M.S. in Business	5 years/150 credits
Concentrations in:	
Finance	
International Business	
Management	
Marketing	

Husson Business Administration majors develop skills, attitudes, and technical knowledge to prepare them for careers in a wide variety of fields that include not only business and industry but also government and the not-for-profit sector. They work with faculty who combine academic training with on-the-job experience, and consider teaching to be their highest priority. Small class size ensures students receive the attention they need to do their best. Internships, the cooperative education program, and in-class simulations, all provide students with opportunities to practice the skills of business before they leave the college setting.

The Business Administration concentration includes a maximum number of electives and allows students to design a unique program to meet their needs. The Family Business Management concentration serves students who want to be entrepreneurs or join a family business.

The Finance concentration serves students who are interested in the world of stocks and bonds, insurance, banking, or financial decision making in industry.

The International Business concentration focuses on the global economy and its involvement in Maine, the U.S. and overseas.

The Management concentration serves students who want a broad, but high-level background as business generalists.

The Marketing concentration serves students who are interested in sales, marketing, advertising, market research, or retailing.

The Sports Management concentration serves students who want to be involved in the business side of the world of sports, athletics, or fitness.

The Small Business Management program provides training to students who wish to start up, purchase, or work in any type of retailing, manufacturing, or service business.

The two-year A.S. program provides a basic introduction to general business. All credits are transferable into the four-year program.

Requirements for Business Administration Majors
All Business Administration majors must earn an overall 2.0 cumulative grade-point average as well as a 2.0 in their Ba/Ec prefix courses. Transfer students must complete a minimum of 15 credit hours in Ba/Ec courses at Husson. Students in the five-year B.S./M.S.B. Programs must maintain a 3.0 g.p.a. in graduate courses.

B.S. in Business Administration - General Business
General Education Courses

Ec	201	Microeconomics*
Ec	202	Macroeconomics*
Eh	111	College Writing*
Eh	112	Approaches to Literature*
Eh	121	Speech*
Eh	221	Business Communications*
Hy		Elective*
Mi	111	Introduction to Microcomputing*
Ms	111	Algebra or Ms 242 College Algebra*
Ms	132	Probability and Statistics*
Ms	232	Finite Mathematics*
Ms/Sc		Elective
Ph	302	Business Ethics
Py	111	General Psychology*

Foreign Culture and Conversation Elective
Communication Elective
Lab Science Elective

Business Courses

Ac	121	Principles of Accounting I*
Ac	211	Managerial Accounting*
Ba	101	Introduction to Business*
Ba	102	Legal Environment of Business*
Ba	201	Business Law I*

Ba 310 Organization and Management*
Ba 311 Human Resource Management*
Ba 321 Marketing*
Ba 362 Financial Management
Ba 411 Organizational Behavior
Ba 414 Business Policy
Ba 490 International Business
Ec 321 Managerial Economics
Mi Elective
Business Related Electives (6)
Open Electives (3)

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

A.S. in Business Administration
All courses marked with an (*) listed above.

B.S. in Business Administration - Family Business Management
General Education Courses

Ec 201 Microeconomics
Ec 202 Macroeconomics
Eh 111 College Writing
Eh 112 Approaches to Literature
Eh 121 Speech
Eh 221 Business Communications
Hy 101 History of Western Civilization
Mi 111 Introduction to Microcomputing
Ms 111 Algebra or Ms 242 College Algebra
Ms 132 Probability and Statistics
Ms 232 Finite Mathematics
Ph 301 Ethics
Py 111 General Psychology
Ms/Sc Elective
Sc Elective
Science and Humanities Electives (3)
Foreign Culture & Conversation Elective
Communication Elective

General Business Courses

Ac 121 Principles of Accounting I
Ac 211 Managerial Accounting
Ba 102 Legal Environment of Business
Ba 310 Organization and Management
Ba 311 Human Resource Management
Ba 321 Marketing
Ba 362 Financial Management

Ba 414 Business Policy
Ec 321 Managerial Economics

Concentration in Family Business Management

Ac 441 Federal Taxation I
Ba 422 Sales and Sales Management
Ba 351 Cooperative Education
Ba 441 Entrepreneurship
Ba 499 Special Topics in Business
Ba 481 Estate Planning
Advanced Electives (4) in Business, Accounting, or CIS

Students must select courses to fulfill the following general education requirements: two Communication Electives, Foreign Culture and Conversation Elective, and Global Elective. Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

B.S. in Business Administration - Finance

General Education Courses

Ec 201 Microeconomics
Ec 202 Macroeconomics
Eh 111 College Writing
Eh 112 Approaches to Literature
Eh 121 Speech
Eh 221 Business Communications
Ge 111 Economic Geography
Mi 111 Introduction to Microcomputing
Mi or At Elective
Ms 111 Algebra or Ms 242 College Algebra
Ms 132 Probability and Statistics
Ms 232 Finite Mathematics
Ph 301 Ethics or Ph 302 Business Ethics
Py 111 General Psychology
Sc Elective with Lab
Sy 201 Principles of Sociology
Foreign Culture and Conversation Elective
Communication Elective
Open Electives (2) in Science and Humanities

General Business Courses

Ac 121 Principles of Accounting I
Ac 211 Managerial Accounting
Ba 101 Introduction to Business
Ba 102 Legal Environment of Business
Ba 201 Business Law I
Ba 310 Organization and Management
Ba 311 Human Resource Management

Ba 321 Marketing
Ba 362 Financial Management
Ba 414 Business Policy

Concentration in Finance

Ba 271 Risk Management
Ba 351 Internship
Ba 363 Bank Management
Ba 434 International Finance
Ba 460 Investment & Securities Analysis
Ba 467 Futures, Options, and Derivative Securities
Ba 481 Estate Planning
Ba 490 International Business
Ec 321 Managerial Economics
Finance Related Elective

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

B.S. in Business Administration - Finance/M.S. Business

All requirements for the finance concentration plus:

Gr 708 Managing Change
Gr 716 Management Communications
Gr 718 Research Methods in Business & Education
Gr 724 Leadership in Business
Gr 728 Corporate Strategy and Public Policy
Gr 732 Marketing Management or GR 734 Production Management
Graduate Electives (4)

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

B.S. in Business Administration - Hospitality Management

General Education Courses

Ec 201 Microeconomics
Ec 202 Macroeconomics
Eh 111 College Writing
Eh 112 Approaches to Literature
Eh 121 Speech
Eh 221 Business Communications
Ge 111 Economic Geography
Mi 111 Introduction to Microcomputing
Ms 111 Algebra or Ms 242 College Algebra
Ms 132 Probability and Statistics
Ms 232 Finite Mathematics
Ph 301 Ethics or Ph 302 Business Ethics
Py 111 General Psychology
Sc 101 Introduction to Nutrition

Sc 141 Ecology
Foreign Culture and Conversation Elective
Communications Elective 200+

General Business Courses

Ac 121 Principles of Accounting I
Ac 211 Managerial Accounting
At 245 Desktop Publishing
Ba 101 Introduction to Business
Ba 102 Legal Environment of Business
Ba 201 Business Law I
Ba 310 Organization and Management
Ba 311 Human Resource Management
Ba 321 Marketing
Ba 362 Financial Management
Ba 414 Business Policy
Ba 421 Advertising
Ba 441 Entrepreneurship

Concentration in Hospitality Management

Ha 101 Introduction to Hospitality Management
Ha 201 Fundamentals of Culinary Management
Ha 202 Customer Service and Event Management
Ha 302 Facility Design and Maintenance
Ha 401 Hospitality Internship (6 credits)
Ha 402 Seminar in Hospitality Management

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

B.S. in Business Administration - International Business

General Education Courses

Ec 201 Microeconomics
Ec 202 Macroeconomics
Eh 111 College Writing
Eh 112 Approaches to Literature
Eh 121 Speech
Eh 221 Business Communications
Ge 111 Economic Geography
Hy 301 The Twentieth Century
Mi 111 Introduction to Microcomputing
Ms 111 Algebra or Ms 242 College Algebra
Ms 132 Probability and Statistics
Ms 232 Finite Mathematics
Ph 301 Ethics or Ph 302 Business Ethics
Py 111 General Psychology
Sc Elective with Lab

Sy 222 Cultural Anthropology
Foreign Language (2 semesters or competency)
Communication Elective
Science and Humanities Elective

General Business Courses

Ac 121 Principles of Accounting I
Ac 211 Managerial Accounting
Ba 101 Introduction to Business
Ba 102 Legal Environment of Business
Ba 201 Business Law I
Ba 310 Organization and Management
Ba 311 Human Resource Management
Ba 321 Marketing
Ba 362 Financial Management
Ba 414 Business Policy

Concentration in International Business

Ba 351-354 Cooperative Education 3-12 credits
Ba 434 International Finance
Ba 437 International Marketing
Ba 438 Export-Import Procedures
Ba 490 International Business
Advanced Electives (1-5, depending on internship) in Business, Accounting, or CIS

B.S. Business Administration-International Business/M.S. in Business

All requirements shown for the B.S. in Business Administration/International Business plus:

Gr 708 Managing Change
Gr 716 Management Communications
Gr 718 Research Methods in Business & Education
Gr 724 Leadership in Business
Gr 728 Corporate Strategy and Public Policy
Gr 732 Marketing Management or GR 734 Production Management\
Graduate Electives (4)

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

B.S. in Business Administration - Management

General Education Courses

Ec 201 Microeconomics
Ec 202 Macroeconomics
Eh 111 College Writing
Eh 112 Approaches to Literature
Eh 121 Speech
Eh 221 Business Communications

Hy Elective
Mi 111 Introduction to Microcomputing
Mi Elective
Ms 111 Algebra or Ms 242 College Algebra
Ms 132 Probability and Statistics
Ms 232 Finite Mathematics
Ms/Sc Elective
Ph 302 Business Ethics
Py 111 General Psychology
Sc Elective with Lab
Foreign Culture and Conversation Requirement
Communication Elective

General Business Courses

Ac 121 Principles of Accounting I
Ac 211 Managerial Accounting
Ba 101 Introduction to Business
Ba 102 Legal Environment of Business
Ba 201 Business Law I
Ba 310 Organization and Management
Ba 311 Human Resource Management
Ba 321 Marketing
Ba 362 Financial Management
Ba 414 Business Policy

Concentration in Management

Ac 331 Cost Accounting I
Ba 363 Bank Management
Ba 413 Operations Management
Ba 422 Sales and Sales Management
Ba 425 Marketing Management
Ba 490 International Business
Ba 495 Senior Management Project
Ec 321 Managerial Economics
Business Related Elective
Open Electives (2)

B.S. Business Administration-Management/M.S. in Business

All requirements shown for B.S. in Business Administration plus:

Gr 708 Managing Change
Gr 716 Management Communications
Gr 718 Research Methods in Business & Education
Gr 724 Leadership in Business
Gr 728 Corporate Strategy and Public Policy
Gr 742 Accounting in Planning, Budgeting and Control
Graduate Electives (4)

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

B.S. in Business Administration - Marketing

General Education Courses

Ec	201	Microeconomics
Ec	202	Macroeconomics
Eh	111	College Writing
Eh	112	Approaches to Literature
Eh	121	Speech
Eh	221	Business Communications
Mi	111	Introduction to Microcomputing
Ms	111	Algebra or Ms 242 College Algebra
Ms	132	Probability and Statistics
Ms	232	Finite Mathematics
Ph	301	Ethics or Ph 302 Business Ethics
Py	111	General Psychology
Sc		Elective with lab
Sy	201	Sociology

Foreign Culture and Conversation Elective
Communications Elective

General Business Courses

Ac	121	Principles of Accounting I
Ac	211	Managerial Accounting
Ba	101	Introduction to Business
Ba	102	Legal Environment of Business
Ba	201	Business Law I
Ba	310	Organization and Management
Ba	311	Human Resource Management
Ba	321	Marketing
Ba	362	Financial Management
Ba	414	Business Policy
Ba	421	Advertising
Ba	441	Entrepreneurship

Concentration in Marketing

Ba	271	Risk Management
Ba	351	Cooperative Education
Ba	421	Advertising
Ba	422	Sales and Sales Management
Ba	423	Retail Management
Ba	424	Marketing Research
Ba	425	Marketing Management
Ba	437	International Marketing
Ba		Elective

Open Elective (4)

B.S. Business Administration-Marketing/M.S. in Business

All requirements shown for B.S. in Business Administration/Marketing plus:

Gr	708	Managing Change
Gr	716	Management Communications
Gr	718	Research Methods in Business & Education
Gr	724	Leadership in Business
Gr	728	Corporate Strategy and Public Policy
Gr	734	Production Management or Gr 735 Management in the Service Sector

Graduate Electives (4)

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

B.S. Business Administration - Small Business Management

General Education Courses

Ec	201	Microeconomics
Ec	202	Macroeconomics
Eh	111	College Writing
Eh	112	Approaches to Literature
Eh	121	Speech
Eh	221	Business Communications
Hy		Elective
Mi	111	Introduction to Microcomputing
Mi		Elective
Ms	111	Algebra or Ms 242 College Algebra
Ms	132	Probability and Statistics
Ms	232	Finite Mathematics
Ph	302	Business Ethics
Py	111	General Psychology

Open Elective
Fine Arts Elective
Foreign Culture and Conversation Elective
Lab Science Elective
Math/Science Elective

General Business Courses

Ac	121	Principles of Accounting I
Ac	211	Managerial Accounting
Ba	101	Introduction to Business
Ba	102	Legal Environment of Business
Ba	201	Business Law I
Ba	310	Organization and Management
Ba	311	Human Resource Management
Ba	321	Marketing
Ba	362	Financial Management
Ba	414	Business Policy

Concentration in Small Business Management

Ac	331	Cost Accounting I
Ac	411	Federal Taxation I
Ba	271	Risk Management
Ba	351	Coop Education
Ba	421	Advertising
Ba	422	Sales and Sales Management
Ba	423	Retail Management
Ba	440	Small Business Management I
Ba	441	Entrepreneurship
Ba	442	Small Business Management II
Ba	490	International Business Management
Ec	321	Managerial Economics

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

B.S. in Business Administration - Sports Management

General Education Courses

Ec	201	Microeconomics
Ec	202	Macroeconomics
Eh	111	College Writing
Eh	112	Approaches to Literature
Eh	121	Speech
Eh	221	Business Communications
Hy		Elective
Mi	111	Introduction to Microcomputing
Mi	214	Microcomputer Spreadsheet Applications
Ms	111	Algebra or Ms 242 College Algebra
Ms	132	Probability and Statistics
Ms	232	Finite Mathematics
Ph		(Ethics) Elective
Py	111	General Psychology
Sc	101	Introduction to Nutrition
Sy	222	Cultural Anthropology
Sc	111	Anatomy and Physiology for Sports Management
		Foreign Culture and Conversation Elective

General Business Courses

Ac	121	Principles of Accounting I
Ac	211	Managerial Accounting
Ba	102	Legal Environment of Business
Ba	201	Business Law I
Ba	224	Public Relations and Electronic Publishing
Ba	310	Organization and Management
Ba	311	Human Resource Management
Ba	321	Marketing

Ba 362 Financial Management
Ba 414 Business Policy
Ec 321 Managerial Economics

Concentration in Sports Management

Sm 101 Introduction to Sports Management
Sm 202 Sports Facilities Management
Sm 303 Sports in Society
Sm 304 Principles of Sports Medicine
Sm 305 Introduction to Sports Law
Sm 407 Psychology of Sport
Sm 409 Leadership in Sports Organizations
Sm 496 Sports Management Internship
Open Electives (3)

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

PROGRAM IN BUSINESS AND TECHNOLOGY

B.S. Business and Technology

The purpose of this program is to allow an Associate Degree graduate of a regionally accredited technical college to enter Husson College with 60 credits toward the baccalaureate. Examples of such programs include Automotive Technology, Heavy Equipment Technology, Building Construction Technology, Electronics Technology, Machine Tool Technology, and Welding Technology. Up to 36 credits of technical/professional education will be accepted in transfer.

In implementing this program the College has developed a specific articulation agreement with each institution. Where such an agreement does not exist, each student transcript will be evaluated individually to compensate for variation in academic programs. The curriculum objective is to ensure that every student has a minimum of 42 credits in general studies, a good foundation in business, and some depth of study in two or more business disciplines.

To transfer the full 60 credits, a student entering with an A.A.S. or A.S. will be required to have completed the following:

1. Minimum of 12 credits in General Education that includes composition, speech, psychology and history
2. Minimum of 3 credits of algebra
3. Minimum of 3 credits of science
4. Minimum of 6 credits of microcomputing
5. Up to 39 credits of technical/professional courses

Requirements for Business and Technology Majors
All Business and Technology majors must earn an overall 2.0 cumulative grade-point average as well as a 2.0 in their Ba/Ec prefix courses. Transfer students must complete a minimum of 15 credit hours in Ba/Ec courses at Husson.

B.S. in Business and Technology (Husson Courses)
General Education Courses

Ec	201	Microeconomics
Ec	202	Macroeconomics
Eh	112	Approaches to Literature
Eh	221	Business Communications
Ph	302	Business Ethics
		Foreign Culture and Conversation

Business Courses

Ac	121	Principles of Accounting I
Ac	211	Managerial Accounting
Ba	102	Legal Environment of Business
Ba	201	Business Law I
Ba	310	Organization and Management
Ba	311	Human Resource Management
Ba	321	Marketing
Ba	362	Financial Management
Ba	413	Operations Management
Ba	414	Business Policy
Ba	422	Sales Management
Mi		Elective
Ms	132	Probability and Statistics
Ms	232	Finite Mathematics

PROGRAM IN BUSINESS STUDIES
A.S. Business Studies 2 years/60 credits

The program in Business Studies is designed to serve students who seek a career-oriented two-year course of study and for whom none of the specialized A.S. programs is a good fit. Students will be able to design a program to meet their individual needs and interests. Special attention will be given to facilitating transfer into a four-year program at Husson where desired.

The program requires a minimum of 60 credit hours of college-level work that demonstrates a broad base and also provides a significant concentration of study in one area within the School of Business.

Requirements for Business Studies Majors
All Business Studies majors must earn an overall 2.0 cumulative grade-point average as well as a 2.0 in their School of Business courses. Transfer students

must complete a minimum of 15 credit hours of coursework in the School of Business.

Business Studies majors must develop a Career Statement and Plan of Study no later than the end of the first semester in the program. The Plan of Study must be approved by the Advisor and by the Dean of the School; the Dean and the Advisor must also approve changes in an approved Plan of Study.

A.S. in Business Studies

General Education Courses

One course in Science
One course in Mathematics (Ms 111, 131, or 242)
One course in Ethics
One course in Speech
One course in Social Science
One Open Elective

Four courses in communications, including Eh 111 and 112. Courses with the prefix Eh, Ls and Lf are recommended communication electives, but other options are possible (e.g., Py 331) as part of an approved plan of study.

Business Studies Courses

One course in Accounting (Ac 120 or 121)
Two courses in Business (Ba 102 or 201 and Ba 101 or Ba 310)
One course in Economics (Ec 201 or 202)
One course in Computer Information Systems
Five courses chosen from the following prefixes: Ac, At, Ba, Ec, Mi, Pl, Ma, Sm, or Ss. At least three of the five must be in one prefix, and at least one of the five must be in a second prefix.

PROGRAMS IN COMPUTER INFORMATION SYSTEMS

Pending approval Fall 2003

B.S. Computer Information Systems	4 years/120 credits
A.S. Computer Information Systems	2 years/60 credits
B.S. Computer Information System/M.S. Business	5 years/150 credits

Computer Information Systems (CIS) specialists design and operate the computer systems that are so vital to businesses and organizations today. The Husson CIS curriculum includes a strong core of general business courses as well as special training in computer programming, systems development and implementation, expert systems, networking, and project management.

The two-year Associate in Science program prepares graduates for entry-level positions as computer programmers and applications users. The four-year Bachelor of Science program prepares graduates for entry-level positions as programmer/analysts with potential to move to the level of system analyst or manager. All credits in the two-year program are transferable into the four-year

program. At Husson College you will learn to use computer software to manage many different forms of information that are vital to organizations today. You will learn programming in Visual Basic and COBOL. Special courses such as Network Management, Project Management, Systems Analysis and Design, Business Expert Systems, Website Design and Java will give you valuable high-level skills and prepare you to go directly from college into a position of true responsibility.

A special four and one-half year program in Accounting and CIS is also available; it is described fully under programs in Accounting. A five-year track is available for students who wish to earn a B.S. in CIS and a master's degree in business.

Students who major in other fields may choose to complete a minor in CIS.

Requirements for CIS Majors
All CIS majors must earn an overall 2.0 cumulative grade-point average as well as a 2.0 overall in their Mi prefix courses. Transfer students must complete a minimum of 30 credit hours, and at least 15 credits must be earned in Mi prefix courses at Husson College.

B.S. in Computer Information Systems*
General Education Courses

Ec	201	Microeconomics
Ec	202	Macroeconomics
Eh	111	College Writing*
Eh	112	Approaches to Literature*
Eh	121	Speech*
Eh	221	Business Communication*
Ms	111	Algebra*
Ms	132	Introduction to Probability and Statistics*
Ms	232	Finite Math*
Ph	302	Business Ethics
Py	111	General Psychology*
Py		Psychology Elective
Sc Elective with Lab		
Global Elective		
Foreign Culture and Conversation Elective		

Computer Information and Business Courses

Ac	121	Principles of Accounting I*
Ac	211	Managerial Accounting
Ba	102	Legal Environment of Business
Ba	310	Organization and Management*
Ba	311	Human Resource Management
Ba	321	Marketing

Ba 413 Operations Management
Mi 132 Introduction to Information Systems Development
Mi 214 Microcomputing Spreadsheet Applications
Mi 241 Information Systems Management I
Mi 242 Information Systems Management II
Mi 262 Visual Basic Applications
Mi 321 Systems Analysis and Design
Mi 341 Information Systems Management III
Mi 342 Information Systems Management IV
Mi 351 Internship
Mi 361 Java
Mi 362 Advanced Information Systems Development
Mi 411 Database Design
Mi 421 Project Management Techniques
Mi 422 Information System Project Development
Mi Elective 200+
Mi Elective 300+
Open Electives (5)

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

B.S. in Computer Information Systems/M.S. in Business

All the requirements shown for the B.S. in Computer Information Systems plus:

Gr 716 Management Communications
Gr 718 Research Methods
Gr 726 Organizational Policy and Strategy
Gr 728 Corporate Strategy and Public Policy
Gr 730 Financial Management or Gr 732 Marketing Management
Gr 738 Managerial Economics
Four graduate business electives

A.S. in Computer Information Systems

Mi 131 Introduction to Information Systems
Mi 132 Introduction to Information Systems Development
Mi 241 Information Systems Management I
Mi 242 Information Systems Management II
Mi 261 Visual Basic
Mi 262 Visual Basic Applications
Mi 321 System Analysis and Design
Open Electives (3)

Plus all courses with an asterisk in B.S. Program
*Pending approval Fall '03

MINORS

Accounting

Ac	121	Principles of Accounting I
Ac	122	Principles of Accounting II
Ac	201	Intermediate Accounting I
Ac	202	Intermediate Accounting II
Ac	211	Managerial Accounting
Ac	441	Federal Taxation I
Mi	214	Microcomputer Spreadsheet Applications

Computer Information Systems

Mi	111	Introduction to Microcomputing
Mi		Electives (18 credits)

Hospitality Management

Ha	101	Introduction to Hospitality Management
Ha	201	Introduction to Food Preparation
Ha	202	Facilities Management and Guest Services
Ha	302	Hospitality Facilities Design and Management

Hospitality Internship appropriate to student background (6 or 9 credits)

The School of Health

Teresa W. Steele, Ph.D.
Dean, School of Health

The Faculty

Cheryl L. Adams, M.H.S., O.C.S.
Musculoskeletal
Physical Agents

Geri Aucoin-Behre, M.S.N., F.N.P.
Assessment
Community Health

Donna L. Ault, M.S.N
Parent-Child Health
Medical-Surgical

George Case, M.S.N.,F.N.P.
Director, FNP Program

Kimberly A. Davis, M.S.O.T.
Mental Health

Gail Dechman, Ph.D.
Cardiopulmonary
Exercise Physiology

Janet Douglass, D.N.Sc.
Chair, Nursing Department
Community Health

Ann P. Ellis, Ed.D.
Director, Undergraduate Nursing
Medical/Surgical Adult Health
Rehabilitation

Kathleen Flecky, O.T.D.
Pediatrics
Theory/Ethics

Lynn Gitlow, Ph.D.
Director, Occupational Therapy
Assistive Technology/Mental Health

Suzanne P. Gordon, M.A.
Director, Physical Therapy Program
Pediatrics/Education

Karen Morren, M.P.T.
Clinical Education
Therapeutic Skills

Joseph Niemczura, M.S.
Health Policy
Medical-Surgical

Cynthia A. Peterson, M.S.
Adult Health
Medical-Surgical

Arthur Schwarcz, Ph.D.
Neuromusculoskeletal Rehab
Sports Medicine/Manual Therapy

Mary Shea, M.S.N., F.N.P.
Husson Capehart Health Center
Primary Health Care Pediatrics and
Family Health

Ben Sidaway, Ph.D.
Anatomy/Neuroscience
Motor Control/Learning
Biomechanics

Sondra G. Siegel, Ph.D.
Neurophysiology
Neuromuscular

Connie Sprague, APRN, M.S.N.
Psychiatric Mental Health

Mary Tedesco-Schneck, M.S.N.,
C.P.N.P.
Parent-Child Health

The Programs

NURSING

Bachelor of Science in Nursing
- B.S.N.

R.N. Completion Program
- R.N. to B.S.N.
- R.N. to B.S.N. and M.S.N.

Master of Science in Nursing
- Family and Community Nurse Practitioner
- Advanced Practice Psychiatric Nursing
- Post-Masters Certificates
  - CNS
  - Adult Psychiatric NP
    - Family and Community Nurse Practitioner

OCCUPATIONAL THERAPY

Master of Science in Occupational Therapy

PHYSICAL THERAPY

Master of Science in Physical Therapy

Bachelor of Science Health Science
(Open to students in the M.S. in Physical Therapy Program)

PROGRAMS IN NURSING —UNDERGRADUATE

B.S. Nursing	4 years/126 credits
B.S./R.N. Track	124 credits

The Husson College/Eastern Maine Medical Center Nursing program brings together two institutions that share a commitment to excellence in teaching and to the relevance of practical experience. Graduates of the program are prepared to enter a wide variety of practice settings as beginning professional nurses. Potential settings for practice include all areas of hospital nursing, ranging from critical care to newborn nursery, as well as community health, clinic, military, and nursing home settings. Baccalaureate degree graduates also are prepared to pursue specialized nursing study at the master's degree level.

The program provides a strong base in the arts and sciences, both as a theoretical foundation for nursing practice and as a component of a well-rounded education. Clinical experience in nursing is integrated throughout each program of study. The nursing faculty are proficient in their theoretical knowledge and active in their respective clinical areas, providing students with realistic role models for excellence in patient care.

Computerized and other self-study approaches are utilized to enhance learning and to allow for individualized progress in nursing courses. A basic learning laboratory located on the College campus allows students to have extensive hands-on practice in developing nursing skills. The goal of all learning experiences is to prepare professional nurses who are both theoretically knowledgeable and clinically competent upon graduation.

Throughout the programs, emphasis is placed on building upon the student's past learning experience. In keeping with overall College policies, transfer, CLEP and proficiency examination options are available to students who have completed appropriate educational experiences prior to entering the program. Part-time alternatives for working students who wish to pursue a baccalaureate degree are available.

NURSING ADMISSIONS POLICIES

CRITERIA FOR ADMISSION—FIRST-YEAR STUDENTS

All beginning first-year students in the Nursing Program will be required to meet and comply with the basic admission criteria for Husson College. In addition, the Nursing Program maintains specific eligibility requirements. The specific admission requirements for the Nursing Program are as follows:

1. Graduation from an approved high school or credential indicating equivalent preparation.
2. SAT I of at least 950 (or ACT equivalent)
3. High school average of at least 82 (GPA. 2.7)
4. Completion of the following high school subjects with a grade of "C" or better:
    a. Four years of English
    b. Two years of mathematics, including one year of algebra
    c. Two years of science, including one year of chemistry
    d. One year of social science
5. Health qualifications determined through physician or other health care provider examination and immunization record.
6. Personal qualifications as determined through references and a biographical sketch that includes personal goals.

CRITERIA FOR ADMISSION—R. N. COMPLETION TRACK

Applicants for the R. N. track option should contact the program coordinator for additional admission criteria.

PROCEDURE FOR STUDENT APPLICATION

The applicant must have the following official records sent to the Husson College Admissions Office before being considered for admission:

1. High school transcript.
2. College transcript, if applicable, or transcript from any other schools attended.
3. Scholastic Aptitude Test (SAT I) results.
4. Two references from teachers and/or employers.

Preference will be given to candidates who rank in the upper half of their high school graduating class and who achieve a combined score on the Scholastic Aptitude Test (SAT I) of 950 or above.

APPLICATION FOR TRANSFER STUDENTS

Applicants wishing to transfer to Husson College from another school must submit the following records for consideration:

1. Transcript(s) from former school(s)
2. Copy of catalog from former school(s)

3. Health records (student may have summary sent from former school)
4. Two references from teachers and/or employers

Students may be requested to take a Scholastic Aptitude Test (SAT I)

For transfer credit, each course must be comparable to those courses offered by the Husson College/EMMC Nursing Program. Grades of C or above will be considered for transfer credit.

TOEFL EXAMINATIONS
International students who have not taken SAT's will be required to take the TOEFL examination. A minimum score of 550 is strongly recommended.

NOTE: Each student applying to the Nursing Program will be considered on an individual basis. Specific requirements may be waived in exceptional circumstances.

NURSING ACADEMIC POLICIES

GRADING POLICIES
Students in the Undergraduate Nursing Program must pass all CORE courses with a grade of C (73%) or better. This policy applies to all first year students in the Fall of 2002 and thereafter. All Nursing courses are CORE courses.

Student who receives less than C (73%) twice in a single nursing course or less than C (73%) in any two nursing courses will be dismissed from the Nursing Program. (May 2002)

Students who receive less than C (73%) twice in a single science course or lab will be dismissed from the Nursing Program. (May 2002)

Students will receive one final grade for each nursing course. The clinical component will be graded on a Pass/Fail basis. If a student fails the clinical component, she/he receives an F as the overall course grade. If a student passes the clinical component she/he receives the theory component letter grade as an overall course grade. Evaluative statements regarding a student's clinical work in each course should be contained in the final written evaluation of the student prepared by the course faculty. Students who miss more than 15% of class or clinical may be denied course credit.

In addition, the following science courses are CORE courses:

Sc	121	Anatomy and Physiology I
Sl	121	Anatomy and Physiology I Lab
Sc	122	Anatomy and Physiology II
Sl	122	Anatomy and Physiology II Lab

Sc	180	Principles of General Chemistry
Sl	180	Principles of General Chemistry Lab
Sc	241	Microbiology
Sl	241	Microbiology Lab
Sc	233	Pathopshysiology
Sc	234	Nutrition

Requirements for Nursing Majors
Students must earn an overall 2.0 cumulative grade-point average as well as 2.0 in their major area of concentration.

B.S. IN NURSING
General Education Courses

Eh	111	College Writing
Eh	112	Approaches to Literature
Eh	121	Speech
Mi	111	Microcomputing
Ms	132	Statistics I
Ph	201	Introduction to Philosophy
Ph	301	Ethics
Py	111	General Psychology
Py	241	Human Growth and Development
Sc & Sl	121	Anatomy and Physiology I (with lab)
Sc & Sl	122	Anatomy and Physiology II (with lab)
Sc & Sl	180	Principles of General Chemistry (with lab)
Sc	233	Pathophysiology
Sc & Sl	241	Microbiology (with lab)
Sc	234	Nutrition
Sy	201	Principles of Sociology

General Electives (3)

Professional Courses

Nu	100	Professional Concepts in Nursing
Nu	306	Health Promotion Across the Life Span
Nu	308	Health Assessment
Nu	311	Nursing Interventions I
Nu	312	Nursing Interventions II
Nu	314	Pharmacology
Nu	320	Nursing Research
Nu	322	Adult Family Health I
Nu	324	Childbearing
Nu	412	Community Health
Nu	414	Child Health
Nu	416	Health Policy
Nu	418	Adult Family Health II
Nu	422	Community Mental Health

Nu 424 Senior Practicum
Nu Elective

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

B.S. in Nursing (R.N. to B.S.N. Track)

The Husson College R.N. to B.S.N. track is designed for registered nurses who wish to earn a Bachelor of Science in Nursing. Only registered nurses will be admitted to the program. A minimum of 124 credit hours must be completed, 30 of which must be completed through Husson College.

General Education Courses

Eh 111 College Writing
Eh 112 Approaches to Literature
Ch 121 Speech
Ms 132 Statistics I
Ph 301 Ethics
Py 111 General Psychology
Sy 201 Principles of Sociology
General Electives (3)

Professional Courses

Py 241 Human Growth and Development
Sc 121 Anatomy and Physiology I
Sl 121 Anatomy Lab I
Sc 122 Anatomy and Physiology II
Sl 122 Anatomy Lab II
Sc 233 Pathophysiology
Sc 241 Microbiology
Sl 241 Microbiology lab
Sc 234 Nutrition

Required Nursing Courses

Nu 308 Health Assessment
Nu 314 Pharmacology
Nu 320 Nursing Research
Nu 416 Health Policy
Nu 480 Community Health and Health Promotion
Nu 481 Clinical Exploration
Nu 482 Leadership Seminar
Nursing Electives (3)

Master of Science in Nursing
Graduate Nursing Admissions Policies

ADMISSION PROCESS

Application for admission should be made to the:

Director, Family Nurse Practitioner Program
Husson College
One College Circle
Bangor, ME 04401-2999
Tel: 941-7001
http://www.husson.edu

Director, Advanced Practice Psychiatric Nursing Program
Husson College
One College Circle
Bangor, ME 04401-2999
Tel: 941-7166
http://www.husson.edu/appnp

To be admitted, an applicant must have received a B.S.N. from an accredited institution and show promise of ability and motivation to pursue graduate-level study, as evidenced by achievement of at least a 3.0 GPA and completion of undergraduate health assessment and statistics courses. (Additional option available for nurses with a non-nursing BA/BS degree.)

In addition, a minimum of one year of professional clinical nursing practice is required with additional experience strongly recommended.

The Graduate Program Committee makes admission decisions based on the following factors:

1. Previous college or university work.
2. Score on the Miller Analogies Test (MAT) or Graduate Record Examination (GRE)
3. Three letters of recommendation
4. A personal interview with a graduate nursing faculty member of the School of Health.

The committee makes its determination based on a composite of factors and is aware that one factor alone may not reflect an applicant's true potential.

An application is considered complete and ready for committee review once the following are received:

1. An application with the $25 application fee (nonrefundable)
2. Official transcript(s) of all previous college work.
3. Three letters of recommendation (forms for this purpose are supplied with the application).
4. MAT/GRE results.

Applications and reference forms are available by telephone or on-line via Husson College's Website.

STATUS

An applicant's admission status into the M.S.N. program is one of the following:

Regular: Students whose applications are complete and who are accepted by the Graduate Program Committee are admitted as regular graduate students.

Special: This status is assigned to those students who are taking graduate courses, but who have not yet applied to the program or whose applications are not yet complete. A transcript showing confirmation of a bachelor's degree is required prior to any course work being initiated. Students may complete up to 9 credit hours of course work in the Graduate Nursing Program curricula in this status on a space-available basis. Registration as a special student does not necessarily mean that the student will be accepted as a regular student when and if application is made.

Transient: A person enrolled in any other graduate program at another college or university may enroll in graduate courses at Husson as a transient graduate student provided prerequisite courses, when appropriate, have been taken.

TRANSFER CREDIT

In certain circumstances, students who are entering the M.S.N. program may transfer up to 9 graduate credits from another accredited institution. The courses must be consistent with those required in Husson's Nursing program of study and have been taken within five years of entry into Husson's program. Only credits earned in course work completed with a grade of "B" or better will be eligible for transfer. The Director of the appropriate Graduate Nursing Program will determine acceptable transfer credits at the request of the applicant.

No credits used to earn another degree can be applied to the Husson College M.S.N. program.

CHANGE OF SPECIALTY TRACK WITHIN HUSSON COLLEGE GRADUATE NURSING PROGRAM

A student in the Husson Master's program who wishes to change to a different specialty track needs to submit an application to the selected program. The application will be reviewed on a par with all other applicants during the admission review period. Following admission to the new program, the student will submit a Change of Specialty Form to the Registrar. Courses successfully completed in the Husson Master's program that are required in the new specialty track will be accepted for credit.

GRADUATE NURSING ACADEMIC POLICIES

GRADING

Students must maintain a "B" average (3.0) in order to continue their graduate program. A student whose average falls below 3.0, who earns a grade lower than a "C", or who earns more than two grades of "C" or "C+", will be reviewed by the Graduate Academic Affairs Committee, which may dismiss the student or determine the conditions under which the student may continue in the program. No more than six credits of course work in the "C" range can be applied toward the master's degree. A student who has not attained a grade-point average of 3.0 or better at the end of his or her program of study will not graduate.

No grade below "B-" will be accepted in any graduate clinical nursing course. In the Family and Community Nurse Practitioner Program, these courses are Nu 704, 800, 802, 804, and 806. In the Advanced Practice Psychiatric Program, these courses are Nu 704, 722, 810, 812, and 814. Students in the M.S.N. program may retake a clinical course for a passing grade only once. If they earn a second grade below a "B-" in any other clinical course, they will be dismissed from the program.

Students will receive one final grade for each graduate nursing course. The clinical component will be graded on a "Pass/Fail" basis. If a student fails the clinical component, he or she receives an "F" for the overall course grade and must repeat both the class and clinical portions of the course.

All other academic and financial policies of the nurse practitioner program are consistent with those identified in the Husson College Catalog and Graduate Nursing Program Student Handbook.

RESOURCES FOR GRADUATE STUDY

Libraries: The Husson Library, in addition to its collection of Nursing and health care related materials, has the capability of locating necessary materials in other libraries through Interlibrary Loan. Students have access to the Bangor Public Library, one of the finest in the East, the Eastern Maine Medical Center Parrot Health Sciences Library, and the Fogler Library at the University of Maine. The latter is the regional depository for all government publications.

Computer Facilities: The College has microcomputer labs with PCs. The labs provide instructional and operational assistance to users and potential users of microcomputers in business, professional, health and educational settings, as well as Internet access.

Health Assessment Lab: This facility offers nurse practitioner students an opportunity to practice advanced health assessment skills in a realistic clinical

setting. Exam areas and equipment are set up to simulate an ambulatory clinic setting for student use in both course labs and informal practice sessions.

FAMILY AND COMMUNITY NURSE PRACTITIONER PROGRAM

This CCNE accredited graduate program leads to the Master of Science in Nursing degree or a Post-Master's Certificate. The program reflects Husson's ongoing commitment to educate nurses for the challenges of the 21st century. Graduates are eligible to sit for the ANCC or AANP Family Nurse Practitioner Certification Exam.

The FCNP Program now has a distance education component for our students. The distance education option dramatically reduces the amount of travel necessary to complete your degree or accreditation. This option is especially attractive to students who live a significant distance from Husson College. Distance education techniques consist of interactive video and on-line learning. If you are interested in completing the Family and Community Nurse Practitioner Program by using distance education technology, contact the program at 207.941.7001 for further details.

Program Outcomes

Upon completion, graduates will be expected to:

1. Provide primary health care to individuals of all ages and their families, within diverse practice settings.
2. Utilize community assessment in evaluating client needs and planning health care.
3. Synthesize relevant theories and specialized knowledge into their clinical practice.
4. Analyze and apply research literature used for improving health outcomes of individuals and their families.
5. Influence family nursing practice by exhibiting competence in clinical practice, teaching, counseling, consultation, research, leadership and collaboration.
6. Utilize an interdisciplinary focus in the delivery of comprehensive family health care.
7. Contribute to the improvement of family health care by influencing health policy.
8. Practice with personal integrity and a willingness to search for ethical truths in a constantly changing environment.
9. Assume responsibility for continued professional growth and development.

Professional Courses

Nu	700	Theories and Roles for Advanced Nursing Practice
Nu	702	Pharmacotherapeutics
Nu	704	Advanced Health Assessment

Nu 706 Advanced Pathophysiology
Nu 710 Nursing Research
Nu 730 Rural/Community Health Nursing
Nu 740 Public and Health Policy
Nu 800 Family Health I
Nu 802 Family Health II
Nu 804 Family Health III
Nu 806 Internship/Clinical Practicum

NP to MSN Option

This option exists for nationally certified Nurse Practitioners prepared through a post-B.S.N. certificate program that wish to pursue graduate nursing education. The identification of courses within the existing program of study to be taken (T), challenged (C), and/or transferred (TR) will be determined on an individual basis upon review of certificate NP Program transcripts. Challenged courses at the 800 level may only be undertaken in the student's area of specialty certification. Nurse Practitioner applicants who wish to pursue this degree option should follow the same application process identified in the Program catalog. However, we strongly encourage prospective applicants to meet with the Program Director to discuss their individual course work.

Professional Courses

Nu 701 Theories for Advanced Nursing Practice (T, TR)
Nu 702 Pharmacotherapeutics (T, C, TR)
Nu 704 Advanced Health Assessment (T, C, TR)
Nu 706 Advanced Pathophysiology (T, C, TR)
Nu 710 Nursing Research (T, TR)
Nu 730 Rural/Community Health Nursing (T, TR)
Nu 740 Public Health Policy (T, TR)
Nu 800 Family Health I (T, C, TR)
Nu 802 Family Health II (T, C, TR)
Nu 804 Family Health III (T, C, TR)
Nu 806 Clinical Internship (T, C, TR)

POST MASTER'S CERTIFICATE OPTION

The following is the required Program of Study for the Post Master's Certificate Option. This option exists for individuals who have already earned an M.S.N. The identification of courses within this program of study to be challenged and/or transferred will be determined on an individual basis upon review of graduate transcripts. Students with a Masters degree in Nursing who wish to apply for this option will follow the same application process identified on page 83-84, except that they do not need to fulfill the Miller Analogies Test (MAT) requirement. Prospective applicants are strongly encouraged to meet with the Program Director to discuss their individual course work.

Professional Courses

Nu	702	Pharmacotherapeutics
Nu	703	Roles for Advanced Nursing Practice
Nu	704	Advanced Health Assessment
Nu	706	Advanced Pathophysiology
Nu	802	Family Health II
Nu	804	Family Health III
Nu	806	Clinical Internship

ADVANCED PRACTICE PSYCHIATRIC NURSING PROGRAM

This CCNE accredited program leads to the Master of Science in Nursing degree or a Post-Master's Certificate. The Advanced Practice Psychiatric Nursing Program reflects Husson College's on-going commitment to educate nurses for the challenges of the new millennium. Its purpose is to educate advanced practice nurses who can cost-effectively provide improved access to mental health care. Graduates are eligible to sit for the ANCC Certification.

Program Outcomes

Upon completion of the program, graduates will be expected to:

1. Provide primary mental health care to clients of all ages, within diverse practice settings.
2. Utilize a biopsychosocial perspective in evaluating client needs and planning mental health care.
3. Incorporate relevant theories and specialized knowledge into clinical practice.
4. Analyze research used for improving health outcomes.
5. Contribute to the improvement of mental health care by influencing health policy of the under served living in rural communities.
6. Influence psychiatric/mental health nursing practice by exhibiting competence in leadership, case management and education.
7. Assume responsibility for continued professional growth and development.
8. Utilize and apply health care informatics in the advanced practice role.

Professional Courses

Nu	700	Theories and Roles for Advanced Nursing Practice
Nu	702	Pharmacotherapeutics
Nu	704	Advanced Health Assessment
Nu	705	Advanced Psychopharmacology
Nu	706	Advanced Pathophysiology
Nu	707	Neurobiology
Nu	710	Nursing Research
Nu	722	Advanced Mental Health Assessment
Nu	740	Public Health Policy
Nu	810	Psychiatric Nursing I

Nu	812	Psychiatric Nursing II
Nu	814	Psychiatric Nursing III

CNS POST MASTER'S CERTIFICATE OPTION

The following is the required program of study for the Advanced Practice Psychiatric Nursing Post Master's Certificate Option for a graduate from an MSN Nurse Practitioner Program or other MSN degree programs. The identification of courses within this program of study to be challenged and/or transferred will be determined on an individual basis upon review of graduate transcripts.

MSN NP and Other MSN (i.e., Community, etc.) Program of Study

Nu	702	Pharmacotherapeutics**	3 Cr.
Nu	704	Advanced Health Assessment*/**	3 Cr.
Nu	705	Advanced Psychopharmacology	3 Cr.
Nu	707	Neurobiology*	3 Cr.
Nu	722	Mental Health Assessment	3 Cr.
Nu	810	Psychiatric Nursing I	5 Cr.
Nu	812	Psychiatric Nursing II	5 Cr.
Nu	814	Psychiatric Nursing III	6 Cr.
		Total	25-31 credits

*May be challenged

**May be waived by NP with MSN

Students with a Master's degree in Nursing who wish to apply for this option will follow the same application process identified in the Program catalog except that they do not need to fulfill the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT) requirement.

Adult Psychiatric Mental Health NP Certificate Option

The required program of study for the Adult Psychiatric Mental Health NP Certificate for a psychiatric mental health certified nurse specialist (PMH-CNS) is as follows:

Program of Study

Nu	702	Pharmacotherapeutics*	3 Cr.
Nu	704	Advanced Health Assessment*	3 Cr.
Nu	705	Advanced Psychopharmacology (Recommended-optional)	3 Cr.
Nu	706	Advanced Pathophysiology* (on-line)	3 Cr.
Nu	707	Neurobiology (Recommended-optional)	3 Cr.
Nu	816	Psychiatric NP Internship/Practicum*	3 Cr.
		Total	18 credits

*These courses are required by ANCC to sit for the Adult Psychiatric NP exam

DEGREE LICENSURE AND CERTIFICATION

Upon completion of the outlined program of study, the student is awarded an MSN degree or a Post Master's Certificate. Each graduate is eligible to apply to the Maine State Board of Nursing to practice as an advanced practice psychiatric nurse. After fulfilling specific criteria, each graduate is eligible to sit for certification through the American Nurses' Credentialing Center.

MS in Occupational Therapy

The Occupational Therapy Program is an entry-level Master's program. Students begin occupational therapy courses in their first year. The program emphasizes the use of research and evidence as a means to justify practice. There is level one fieldwork in every term starting in the junior year, which ensures that course work is related to practice. There is community service in the freshman and sophomore years to expose students to occupational therapy and the needs of people with disabilities in the community. Class sizes are small and lab space for the sole use of occupational therapy students provides an ideal atmosphere. Students will be awarded a Master of Science in Occupational Therapy (MSOT) upon graduation. Opportunities for other degrees and certificates are available. Further information is available on the worldwide web at www.husson.edu or call Admissions at 941-7100.

ADMISSIONS CRITERIA

Each student is evaluated on an individual basis. Criteria guidelines include SAT or ACT scores, a high school average of 85 (3.0. GPA), three letters of reference, and successful completion of courses in math, biology, and chemistry. Physics and a strong background in trigonometry are also recommended. All applications for the freshman occupational therapy program will be considered on a rolling admissions basis.

ACCREDITATION

The Occupational Therapy Program has applied for accreditation by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD, 20824-1220. AOTA's phone number is (301) 652-AOTA. Once accreditation of the program has been obtained, its graduates will be able to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). Most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination.

FINANCIAL AID

A first year Occupational Therapy student is classified as an undergraduate student for the first four years, and as a graduate student in the fifth year. Students with undergraduate degrees entering third year are classified as graduate students for the third to fifth years.

TUITION

The tuition structure in the first and second years is identical to the per-credit hour fee applied to other Husson students. During the third, fourth, and fifth years, students pay a flat annual tuition fee.

The School of Health offers a special program intended to extend and expand the education of occupational therapy professionals in areas of the world where preparation for the profession through a traditional academic degree program is not the norm. The Husson program of study is articulated with training programs in the therapist's home country and leads to the degree of B.S. in Occupational Science. For detailed information, contact the Office of the Director of the Occupational Therapy Program at Husson.

MASTER OF SCIENCE DEGREE IN OCCUPATIONAL THERAPY

General Education Courses - Years 1 and 2

Eh	111	College Writing
Eh	112	Approaches to Literature
Eh	121	Speech
Ms	132	Probability and Statistics
Ms	242	College Algebra
Ms	332	Applied Statistics
Ph	301	Ethics
Py	111	General Psychology
Py	212	Applied Psychology
Py	241	Human Growth and Development
Py	332	Abnormal Psychology
Sc	121/Sl 121	Anatomy and Physiology I
Sc	122/Sl 122	Anatomy and Physiology II
Sc	181/Sl 181	Chemistry I
Sc	182/Sl 182	Chemistry II
Sc	271	Physics I
Sc	292	Epidemiology
Sy	222	Cultural Anthropology

Occupational Therapy Courses – Year 1

Ot	100	Introduction to Occupational Therapy
Ot	101	Occupational Therapy Seminar I
Ot	160	Service Learning I

Occupational Therapy Courses - Year 2

Ot	201	Social Issues in Occupational Therapy
Ot	260	Service Learning II
Ot	261	Service Learning III
Ot	270	Introduction to Research in Occupational Therapy
Ot	271	Research Seminar in Occupational Therapy

Occupational Therapy Courses - Year 3 - Fall

Ot	310	Human Life Cycle

Ot 320 Occupational Analysis
Ot 321 Theoretical Foundations of Occupations
Ot 322 Professional Foundations of Occupational Therapy
Ot 330 Functional Anatomy
Ot 360 Level I Field Work A

Occupational Therapy Courses - Year 3 - Spring

Ot 323 Assessment, Evaluation & Occupational Analysis
Ot 331 Neuroscience (3)
Ot 340 Psychosocial Aspects of Occupational Therapy (4)
Ot 350 Occupational Adaptations I
Ot 361 Level I Fieldwork B

Occupational Therapy Courses - Year 4 - Fall

Ot 410 Pediatrics (3)
Ot 441 Group Process & Interpersonal Skills (3)
Ot 450 Occupational Adaptation
Ot 460 Level I Fieldwork C
Ot 470 Research Methods (2)

Courses - Year 4 - Spring

Ot 420 Prevention & Wellness in OT (3)
Ot 461 Level I Fieldwork D
Ot 471 Research Writing (3)
Ot 550 Assistive Technology
Py 421 Psychology of Health
Elective from School of Health (3)

Courses – Year 5 - Fall

Ot 560 Level I Fieldwork E
Ot 570 Research Writing II (3)
Ot 571 Research Seminar
Ot 599 Special Topics in Occupational Therapy
Py 341 Gerontology
Graduate Business Elective

Courses - Year 5 - Spring

Ot 561 Level II Fieldwork A
Ot 562 Level II Fieldwork B

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

Master of Science in Physical Therapy

The Physical Therapy Program is a five-year entry level Master's program for a student entering directly from high school. Transfer students may enter into year two depending on the number of credits being transferred. All students who achieve a GPA. of 3.0 or greater by the spring semester of the second year progress to the third year of the program, and they must maintain this GPA in the third to fifth year. Physical Therapy Assistants with an Associate Degree and all appropriate prerequisite courses, or students with an undergraduate degree and all appropriate prerequisite courses, may apply for entry into the professional phase (year 3) of the program. Study during the first two years of the program is in the areas of the humanities and sciences, which help fulfill the College's general education requirements. The third year of study is designed to provide a broad comprehensive base in specific areas of health related knowledge and concepts. After the successful completion of the undergraduate requirements, Physical Therapy students earn a Baccalaureate degree in Health Sciences. During the fourth and fifth years, the focus is on professional studies, research and clinical practice.

In the fall of 2004, Husson College will expand the Physical Therapy program to six years.The College is seeking approval from the State of Maine and accrediting bodies to offer the Doctor of Physical Therapy degree.

ADMISSIONS CRITERIA

Applicants applying for entry to the first year of the program must meet the following criteria: combined SAT I scores of 900 (or ACT equivalent), a high school average of 85 (3.0) GPA, two letters of recommendation, successful completion of courses in math, biology and chemistry, a written essay explaining the applicant's interest in Physical Therapy and a recommended minimum of 20 volunteer hours in at least two areas of Physical Therapy. Physics and trigonometry are also recommended. Early application is encouraged for the pre-professional phase. The College currently accepts approximately 50 students into year one of the program. Applications are reviewed on a continual basis. Early acceptance is offered to applicants who meet all program requirements. Transfer students may enter in September or January of the pre-professional phase. The number of applicants selected is restricted to ensure quality education during the professional phase of the program and to facilitate clinical placement of all students.

Applicants applying for entry to the third year of the program will be considered in late spring after the number of second-year students progressing to the third year is known. The number of available positions is limited and varies from year-to-year. Applicants must have an undergraduate degree or PTA Associate Degree with a GPA of 3.0 or greater, have successfully completed core requirements as

listed in the Physical Therapy Curriculum and submit a complete application packet by May 15th.

ACCREDITATION
The Commission on Accreditation in Physical Therapy Education granted full accreditation to the Husson Physical Therapy Program in May, 2000.

FINANCIAL AID
A freshman-entry Physical Therapy student is classified as an undergraduate student through the fourth year, and as a graduate student in the fifth year. The Physical Therapy Assistant with an Associate Degree is classified as an undergraduate students until completion of the fourth year of college coursework. The student who holds a Bachelors degree is classified as a graduate student for the three years of the professional phase.

TUITION
The tuition structure in the first and second years is identical to the per-credit hour fee applied to other Husson students. During the third, fourth, and fifth years, students pay a flat annual tuition fee.

CLINICAL EDUCATION
Students in the third, fourth, and fifth years of the Physical Therapy program are required to participate in unpaid fulltime clinical experiences as part of their professional education. It is recommended that students budget an additional $2000-$2500 for travel, accommodations, etc. There are three clinical placement periods during the professional phase of the program s shown below:

Year 3—8-week placement between May and August (generally mid-May to early July)
Year 4—8-week placement between March and August (generally March and April)
Year 5—8-week placement in January and February

Generally, the physical therapy program will attempt to place third-year students near their home for the first clinical placement (although this cannot be guaranteed). In the fourth and fifth years, students will be required to travel to other locations for their clinical placements. The program currently has contracts with approximately 200 clinical sites throughout the United States.

Master of Science Degree in Physical Therapy
General Education Courses - Years 1 and 2

Eh	111	College Writing
Eh	112	Approaches to Literature
Eh	121	Speech
Mi	111	Introduction to Microcomputing (or higher level course)

Ms	132	Introduction to Probability and Statistics
Ms	242	College Algebra
Ms	243	Trigonometry
Ms	345	Biostatistics
Ph	301	Ethics or approved Ethics elective
Py	111	General Psychology
Py	241	Human Growth and Development
Sc	121	Anatomy and Physiology I
Sc	122	Anatomy and Physiology II
Sc	181	Chemistry I
Sc	182	Chemistry II
Sc	271	Physics I
Sc	272	Physics II
Sc	291	Cell Biology
Sc	292	Epidemiology or Sc 392 Research or Nu 710 Nursing Research
Sl	121	Anatomy I Lab
Sl	122	Anatomy II Lab
Sl	181	Chemistry I Lab
Sl	182	Chemistry II Lab
Sl	271	Physics I Lab
Sl	272	Physics II Lab

Electives (3)—may be taken anytime before the Fall of the 3rd year and used to meet General Education Requirements.

Physical Therapy Courses - Year 3 - Fall

Pt	200	Introduction to Physical Therapy
Pt	410	Anatomy
Pt	411	Kinesiology and Biomechanics
Pt	415	Therapeutics Skills I
Pt	417	Physical Agents I
Pt	430	Professionalism in PT
Pt	501	Research Methods I
Pt	505	Advanced Physiology

Physical Therapy Courses - Year 3 - Spring

Pt	412	Motor Control
Pt	416	Therapeutic Skills II
Pt	418	Physical Agents II
Pt	420	Life Cycles I
Pt	432	Healthcare Communication and Documentation
Pt	450	Neurophysiology
Pt	502	Research Methods II

Spring/Summer

Pt	300	Clinical Education I

Physical Therapy Courses - Year 4 - Fall (Late August to November)

Pt	510	Neuromuscular I
Pt	515	Therapeutics Skills III
Pt	528	Ethical/Legal/Management Issues in PT
Pt	550	Musculosketal I
Pt	560	Cardiorespiratory I
Pt	601	Research Methods I

Physical Therapy Courses - Year 4-Spring (November-February)

Pt	500	Clinical Education II (March-May)
Pt	516	Therapeutic Skills IV
Pt	520	Life Cycles II
Pt	525	Exercise Physiology
Pt	530	Rehabilitation in Chronic Conditions
Pt	552	Musculoskeletal II
Pt	602	Research Methods II

Physical Therapy Courses - Year 5 - Fall

Pt	599	Advanced Physical Therapy Elective
Pt	603	Research Methods V
Pt	608	PT Mgmt/Children with Neuro Dysfunction
Pt	610	Neuromuscular II
Pt	630	The Physical Therapist as Educator, Consultant and Advocate
Pt	650	Patient Care Seminar I
Pt	660	Cardiorespiratory II

Physical Therapy Courses - Year 5 - Spring

Pt	599	Advanced Physical Therapy Elective
Pt	600	Clinical Education III
Pt	604	Research Methods VI
Pt	605	Dissection Anatomy
Pt	620	Primary Health Care
Pt	652	Patient Care Seminar II

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

The School of Science and Humanities

James T. Kenny, Ph.D.
Dean of the School of
Science and Humanities

The Faculty

Thomas A. Batt, Ph.D.
Rhetoric and Composition

Jon H. Connolly, Ph.D.
Biology

Richard S. Davis, Psy.D.
Psychology

Marie E. Hansen, J.D.
Criminal Justice
Paralegal

Kenneth M. Johnson, Ph.D.
Humanities
Social Science

Lambros Karris, Ed.D.
Psychology

Heidar A. Kashkooli, Ph.D.
Physics

D. Bruce MacGregor, M.Ed., C.A.S.
Speech

James H. Parker, Jr., Ph.D.
Mathematics

Leon A. Raikes, Ph.D.
English

Marek Sitarski, Ph.D.
Chemistry

Kathleen W. Wall, Ph.D.
Science

Greg Winston, Ph.D.
English

Margaret M. Zoldi, M.S.
Mathematics

Additional Instructional Support

Paul H. LaMarche, M.D.
Director, Husson Science Research
Institute

The Programs

SCIENCES
B. S. Biology

CRIMINAL JUSTICE
A.S. Criminal Justice
B.S. Criminal Justice

PARALEGAL STUDIES
A.S. Paralegal
B.S. Paralegal

PSYCHOLOGY
B. S. Psychology

SCIENCE AND HUMANITIES
B.S. Science and Humanities (Individualized Program)

PROGRAM IN BIOLOGY

B.S. Biology 4 years/120 Credits

Features of the Program

The Bachelor of Science Biology major offers courses at a variety of levels of biological organization including molecular, cellular, organismal, and population. Laboratory courses are provided in modern, well-equipped multi-disciplinary teaching laboratories. Field studies involving plants, animals, and marine communities are also included.

Academically qualified undergraduates are also able to work on bioresearch and biotechnology projects under the auspices of the Husson Science Research Institute (HSRI). Additionally, the program's close affiliation with the Husson School of Health provides some unique opportunities for students in fundamental biology and clinical projects.

Requirements for Biology Majors

Students must earn an overall 2.0 cumulative grade-point average as well as 2.0 in major courses. Transfer students must complete a minimum of 15 credit hours in Biology at Husson to be eligible for graduation.

B.S. in Biology

General Education Courses

Eh	111	College Writing
Eh	112	Approaches to Literature
Eh	121	Speech
Eh		Elective
Mi	111	Introduction to Microcomputing
Ms	242	College Algebra
Ms	331/132	Calculus or Statistics

Psychology Elective
Ethics Elective
2 Communications Electives
Foreign Culture and Conversation Elective
Global Elective
2 Physical Science Electives
Fine Arts Elective

Professional Courses

Sc	102/SI 102	Introduction to Biology I/Botany
Sc	103/SI 103	Introduction to Biology II/Zoology
Sc	181/SI 181	Chemistry I
Sc	182/SI 182	Chemistry II
Sc	240/SI 240	Evolution and Ecology
Sc	291	Cell Biology
Sc	481/Sc 482	Biological Research and Laboratory Safety I & II (Capstone Course)

In addition, the student must take 6 additional biology elective courses from those listed below.

No fewer than 4 of the biology electives must come from the list below.

Sc	121/122	Anatomy and Physiology I & II
Sc	233	Pathophysiology
Nu	706	Advanced Pathophysiology
Nu	707	Neurobiology
Pt	450	Neurophysiology
Pt	505	Advanced Human Physiology
Pt	525/Sc 330	Exercise Physiology
Sc	241	Microbiology
Sc	131	Human Genetics
Sc	242	Biotechnology
Sc	331	Physiological Ecology

No more than 2 of the biology courses may come from the list below.

Nu	308	Health Assessment
Pt	560	Cardiorespiratory I
Sc	132	Biology
Sc	141	Environmental Science
Sc	142	Conservation and Resource Management
Sc	292	Epidemiology
Sc	234	Nutrition
Sc	360	Biomechanics and Kinesiology
Sc	362	Dynamics of the Earth
Sc	371	Horticulture

Students who express an interest in attending graduate school or medical school will be strongly advised to take two semesters of organic chemistry.

Also required:
Electives sufficient to meet the 120 total credit hour requirement;
a fine arts course or documented exposure to the fine arts or co-curricular and community service experience.

PROGRAM IN CRIMINAL JUSTICE

B.S. Criminal Justice	4 years/121 credits
A.S. Criminal Justice	2 years/60 credits

Features of the Program

The Criminal Justice major prepares students for exciting and challenging careers in the rapidly-expanding fields of law enforcement, investigation, private security, and corrections. In addition to modern course offerings, students visit courts, corrections facilities, law enforcement agencies, and private security

installations. A mentoring system enables students to interact with seasoned law enforcement officials.

A Criminal Justice major is expected to complete 121 credit hours of course work and related activity, 45 of these hours in professional courses, with the balance taken in general education courses. The general education core helps the student to develop analytic and communication skills, and provides an understanding of the economic, political, and social context within which the criminal justice system functions. Professional courses consist of advanced instruction in investigation, evidence, policing procedures, criminal law, and modern corrections practice.

Requirements for Criminal Justice Majors
Students must earn an overall 2.5 cumulative grade point average as well as 2.5 in their Cr prefix courses. Transfer students are not permitted to transfer in any part of their last year's work in their program (30 semester hours). A transfer student who is a degree candidate cannot transfer in additional credit beyond those already transferred and granted at the time of admission to Husson. Students may submit a portfolio seeking credit for equivalent professional training in and life experience in law enforcement, corrections, or security work.

General Education Courses

Ec		Elective
Eh	111	College Writing*
Eh	112	Approaches to Literature*
Eh	121	Speech*
Eh	221	Business Communications*
Eh	323	Advanced Business Communications
Hy	111	United States History I*
Hy	112	United States History II
Hy	211	American National Government
Hy	341	International Relations
Mi	111	Introduction to Microcomputing*
Ms	111	Algebra*
Ms	131	Symbolic Logic & Problem Solving
Ms	132	Intro to Probability & Statistics*
Ph	301	Ethics*
Py	111	General Psychology*
Py	331	Interpersonal Relations
Py	332	Abnormal Psychology
Sc		Lab elective
Sy	201	Principles of Sociology

Foreign Culture & Conversation Elective

Professional Courses

Ba	311	Human Resource Management
Cj	101	Introduction to Criminal Justice*
Cj	215	Police Operations*
Cj	221	Criminalistics*
Cj	225	Criminal Procedure*
Cj	235	Criminology*
Cj	310	Modern Penology and Corrections*
Cj	315	Juvenile Justice
Cj	341	Investigations
Cj	435	Management and Criminal Justice*
Cj		Senior Seminar
Cj		Advanced Cj Elective
Cj		Experiential (Internship, Coop)
Pl	200	Criminal Law*

Open Electives/Maine Criminal Justice Academy (4)

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

Associate of Science in Criminal Justice

**All courses listed with an * above and Cj 342 Portfolio Assessment or open elective*

PROGRAMS IN PARALEGAL STUDIES

B.S. Paralegal Studies	4 years/120 credits
A.S. Paralegal Studies	2 years/60 credits

Legal professionals are in great demand in modern society. Paralegals are equipped with special skills to make them an integral part of the legal team in law offices, courts, corporations, government agencies and private consulting firms. They carry out legal research, write reports, and assist attorneys on a regular basis. They must be focused and familiar with the various institutions of law including criminal law, torts, contracts and property law.

The A.S. program emphasizes a solid core of professional courses designed to prepare graduates for entry-level positions in the field. The B.S. program adds a very strong liberal arts component as well as business and advanced paralegal courses to prepare graduates to rise to leadership positions in the profession.

Requirements for Paralegal Majors

All Paralegal majors must earn an overall 2.0 cumulative grade point average as well as a C or better in every Pl prefix course. Transfer students must complete a minimum of 15 credit hours in Pl prefix courses at Husson College.

B.S. in Paralegal Studies

General Education Courses

Ec 201 Microeconomics
Ec 202 Macroeconomics
Eh 111 College Writing*
Eh 112 Approaches to Literature*
Eh 121 Speech*
Eh (Literature) Elective
Hy 211 American National Government*
Hy Elective
Mi/At Elective
Ms 131 Logic and Problem Solving*
Ms Elective
Ph 301 Ethics*
Py 111 General Psychology*
Py Elective
Sc Elective with Lab
Global Elective
Communication Elective*
Foreign Culture and Conversation Elective

Paralegal and Business Courses

Ac 120 Introduction to Accounting*
Ba 201 Business Law I*
Ba 310 Organization and Management*
Ba 311 Human Resource Management
Mi 111 Introduction to Microcomputing or Wp 211 Word Processing
Pl 100 Introduction to Paralegal Studies*
Pl 200 Criminal Law*
Pl 201 Real Estate Law*
Pl 203 Civil Litigation*
Pl 204 Introduction to Wills, Estates and Trusts*
Pl 205 Legal Research and Writing*
Pl 403 Advanced Legal Writing
Pl 498 Senior Seminar and Internship
Pl Advanced Paralegal Electives (4)
Open Electives (5)

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

A.S. in Paralegal Studies

All courses marked with an (*) plus

Pl 210 Internship
Open Elective (1)

PROGRAMS IN PSYCHOLOGY

B.S. Psychology 4 years/122 credits

The field of psychology focuses on the examination of mental processes and behavior and basic behavioral functions such as sensation, perception, learning, thinking, language, motivation, personality, and emotion. The program in Psychology provides students with a background of fundamental subject matter that will equip them for subsequent graduate study in psychology and related fields: assist them in careers in medicine, education, law, business, or other professions involving human services; and provide them with an understanding of behavior useful in everyday personal and community life.

Requirements for Psychology Majors
Students must earn an overall 2.5 cumulative grade-point average as well as 2.5 in their Psychology courses. Transfer students must complete a minimum of 15 credit hours in Py prefix courses at Husson to be eligible for graduation.

B.S. in Psychology - Clinical Track

General Education Courses

Eh	111	College Writing
Eh	112	Approaches to Literature
Eh	121	Speech
Mi	111	Introduction to Microcomputing
Ms	111	Algebra
Ms	132	Probability and Statistics
Ph	301	Ethics
Py	111	General Psychology
Py	331	Interpersonal Relations
Py	412	Social Service Practicum
Py	413	Practicum
Sc/Sl	121	Anatomy and Physiology I
Sc/Sl	122	Anatomy and Physiology II
Sy	222	Cultural Anthropology

Fine Arts Elective
Foreign Culture and Conversation Elective
Literature Elective (upper level)
Global Elective

Professional Courses

Py	231	Social Psychology
Py	234	Physiological Psychology
Py	241	Human Growth and Development
Py	332	Abnormal Psychology
Py	333	Psychology of Personality

Py 335 Introduction to Rehabilitation
Py 341 Gerontology
Py 342 Research Methods In Psychology
Py 344 Early Childhood
Py 345 Therapeutic Psychology
Py 411 Psychology Tests and Measurements
Py 421 Psychology of Health, Immunity and Disease
Py 431 Behavior Modification/Seminar in Learning
Py 442 Seminar in Psychology

Additional Required Courses

Ac 121 Principles of Accounting I
Ba 102 Legal Environment of Business
Hy 101 History of Western Civilization
Ph 201 Introduction to Philosophy
Sy 201 Principles of Sociology
Two Electives

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

PROGRAM IN SCIENCE AND HUMANITIES

B.S. Science and Humanities 4 years/122 credits

The Bachelor of Science in Science and Humanities degree program is an Individualized Program of Study (IPS) providing a broad background in the arts and sciences and specialization in two academic areas of particular interest to the student. This allows the student the opportunity to establish a broader base in general education than is ordinarily possible, while combining in-depth study in different academic disciplines in ways not possible under the structure of traditional academic majors.

The IPS is designed by the student with help from a three-member Advisory Committee appointed by the Program Coordinator. The Advisory Committee must formally approve the IPS at least two academic semesters prior to the expected graduation date. As part of the approval process, the Advisory Committee ensures that the IPS meets all philosophical and structural requirements of the degree.

Requirements for Science and Humanities Majors

Students must earn an overall 2.0 grade-point average and a minimum grade-point average of 2.5 in each area of concentration as described below.

B.S. in Science and Humanities

All Individualized Programs of Study leading to the degree of Bachelor of Science in Science and Humanities must fulfill the Husson College General Education requirements and incorporate the following:

A broad base in the traditional liberal arts must include:
English/Communications - six (6) courses minimum
Humanities - four (4) courses minimum
Social Sciences - six (6) courses minimum
Science/Mathematics - four (4) courses minimum
In at least two (2) of the above areas there must be at least two (2) courses at the 300 level or above.
At least six (6) courses must be taken outside the School of Science and Humanities.
An approved IPS must contain at least two (2) areas of specialization, each of which must consist of a minimum of six (6) courses above the 100 level, with at least three (3) of the six above the 200 level.

Minors

Behavioral Science Minor Requirements

Students may complete the Behavioral Science Minor at Husson College by declaring their wish to pursue this option and successfully completing 18 credit hours (6 courses) of approved course work. Py 111 and Sy 201 are required. Of the remaining twelve credit hours (4 courses), six hours (2 courses) must be elected in psychology and six hours (2 courses) must be elected in sociology. Interested students should discuss this option with their advisors and obtain the approval of the Behavioral Science Coordinator by the end of their sophomore year. Additional information may be obtained from the Dean of the School of Science and Humanities.

The following courses count toward the Behavioral Science Minor:*

Py	111	General Psychology
Py	212	Applied Psychology
Py	241	Human Growth and Development
Py	331	Interpersonal Relations
Py	332	Abnormal Psychology
Py	333	Psychology of Personality
Py	431	Behavior Modification/Seminar in Learning
Py	499	Special Topics in Psychology
Sy	201	Principles of Sociology
Sy	211	Contemporary Social Issues
Sy	312	Sociology of Work
Sy	499	Topics in Sociology

*Majors in the B.S. in Nursing program may substitute Nu 304 for one (1) of the psychology courses other than Py 111.

English Minor Requirements

The minor in English shall consist of 18 credit hours (6 courses) of approved English course work beyond Eh 111 Composition. It is expected that students who excel in reading and writing skills may wish to pursue the English minor to show their communications potential to future employers. Others may wish to pursue the minor for pleasure and/or to improve their reading and writing skills as well as developing abilities in critical and creative thinking. Interested students should contact the Dean of the School of Science and Humanities by their sophomore year to plan their English course schedules, interests, and needs.

Students meet the requirements of the minor by successfully completing the following courses:

Eh 112 Literature and Research (which is a prerequisite for all upper-level English courses).
Two courses in upper-level communications/writing (beyond Eh 112 Literature and Research).
Two courses in upper-level literature (beyond Eh 112 Literature and Research).
Eh 411 Senior Literature Seminar.

The following courses may be used to satisfy Requirement #2 of two upper-level communications/writing courses:

Eh 221 Business Communications
Eh 232 Introduction to Drama/Play Production
Eh 275 Creative Writing Workshop
Eh 311 Advanced Writing (Creative, Technical, Legal, etc.)
Eh 323 Advanced Business Communications
Eh 252 Advanced Writing Workshop

The following courses may be used to satisfy Requirement #3 of two upper-level literature courses:

Eh 233 Introduction to the Novel
Eh 234 American Literature I
Eh 235 American Literature II
Eh 241 Major British Writers
Eh 251 World Literature I
Eh 252 World Literature II
Eh 299 Topics in Literature

Note: Eh 121 (Speech) does not satisfy English minor requirement.

Mathematics Minor Requirements

Students may complete the Mathematics Minor by declaring their desire to pursue this option and by successfully completing 18 credit hours (6 courses) of approved course work. For transfer students the courses must include Ms 331

(Calculus) and a minimum of 9 credit hours must be completed at Husson College. Interested students should contact the Dean of the School of Science and Humanities for additional information.

The following courses count towards the Mathematics Minor:

Ms	131	Symbolic Logic and Problem Solving
Ms	132	Introduction to Probability and Statistics
Ms	232	Finite Mathematics
Ms	242	College Algebra
Ms	331	Calculus
Ms	332	Applied Statistics
Ms	499	Topics in Mathematics
Ba	413	Operations Management

Psychology Minor Requirements

Students may complete the Psychology Minor by declaring their wish to pursue this option and successfully completing 18 credit hours (6 courses) of approved course work. These may be drawn from any of the courses in the psychology sequence. Interested students should discuss this option with their advisors and obtain the approval of the Psychology Chairperson by the end of their sophomore year. Additional information and a minor declaration may be obtained in the office of the Dean of the School of Science and Humanities.

Students minoring in Psychology may follow any of the three following concentrations.

General Concentration

Students in this concentration may take six courses (18 credits) in their required sequences from any of the psychology courses offered by the department of psychology.

Clinical Concentration

Students in this concentration may take any three psychology courses offered by the department in their required sequences, plus any three of the following courses:

Py	331	Interpersonal Relations
Py	332	Abnormal Psychology
Py	333	Psychology of Personality
Py	342	Research Methods
Py	345	Therapeutic Psychology
Py	421	Health Psychology
Py	431	Behavior Modification

Developmental Concentration
Students in this concentration may take any three psychology courses offered by the department in their required sequences plus any three from the following list:

Py	241	Human Growth and Development
Py	341	Gerontology
Py	342	Research Methods on Psychology
Py	344	Early Childhood
Py	346	Adolescent Psychology

In addition to the above requirements, all students must have at least three courses at or above the three hundred level. Transfer students may not transfer more than three courses (nine credits) toward their minor in Psychology. The two (2) practicum courses (Py 412 and Py 413), and the Seminar in Psychology (Py 442) course are excluded from all minor concentrations.

Majors in the B.S. in Nursing program may substitute Nu 304 for one (1) of the above courses other than Py 111 in any of the concentrations.

Programs in Teacher Education

James A. Doughty, M.Ed., C.A.S.
Dean of Education

The Faculty

Pamala A. Hennessey, M.Ed., C.A.S.
Physical Education

Terry Tang, Ed.D.
Elementary Education

Mary S. Walker, M.S.B.
Clinical Coordinator

Sandip Wilson, Ed.D.
Elementary Education

The Programs

TEACHER EDUCATION

- B.S. Biology Teacher Education
- B.S. Elementary Education
- B.S. Business Technology Education*
- B.S. Physical Education

*Not available beginning in 2003-2004

PROGRAMS IN EDUCATION

Features of the Program

The teacher education program is based on the holistic model of pre-service education. Students are immersed in a hands-on environment while learning the theory, methods, and characteristics of today's classroom. The model features integrated learning and authentic assessment. Both are inherent within state curriculum frameworks such as the Maine Learning Results.

Teachers are expected to create integrated learning experiences for their students. For this reason, Husson pre-service elementary teachers are immersed in integrated learning as a modality for mastery of the theory and skills they need to become effective teachers.

Students are also encouraged to use authentic assessment strategies in the classroom. New methods of assessment are referenced in the Learning Results legislation and their mastery is essential in determining student performance.

Requirements for Teacher Education Majors

Students must earn an overall 2.5 cumulative grade point average as well as 2.5 in their Ed prefix courses. Transfer students must complete a minimum of 48 education "core" credit hours and from 27 to 49 credit hours in content area courses at Husson to be eligible for graduation.

There are three categories of course offerings within the Husson program. Consistent with State teacher certification standards, undergraduates are expected to complete at least 60 hours in liberal arts. The education core requires an additional 48 hours of courses. Still other courses comprising the balance of the required hours are offered in skills and knowledge required for teaching specific subjects and age groups.

B.S. Biology Teacher Education **4 years/121 Credits**

The program experiences in the Biology Teacher Education Program include four areas:

1. Liberal Arts: General Education courses
2. Professional Educational Courses
3. Biology Teacher Education Core and Academic Content Areas
4. Clinical Experiences, Practicum, and Student Teaching

1. Liberal Arts: General Education courses

A strong liberal arts experience is essential to success as a Biology teacher. Liberal arts courses include experiences in English, mathematics, sciences, psychology, ethics, and microcomputing. These are the foundations of a well rounded professional biology education teacher.

Eh	111	College Writing
Eh	112	Approach to Literature
Eh	121	Speech
Eh		English Elective (2)
Fa		Fine Arts Course
Lf	111	French Elective or
Ls	111	Spanish Elective
Mi	111	Introduction to Microcomputing
Ms		Math Elective
Ms	242	College Algebra
Ph		Ethics Elective
Py	111	General Psychology
Sc	102	Introduction to Biology/Botany with Lab
Sc	103	Introduction to Biology/Zoology with Lab

Global Perspective Elective
Communication Elective

2. Professional Educational courses

Professional educational courses prepare teachers to be conversant with the philosophy of education, educational processes, standards, and technology as defined by the State of Maine Learning Result for the 21st Century educators. Courses in this area include philosophical foundations of education, test and measurement, curriculum and evaluation and seminar in teaching.

Ed	201	Philosophical Foundations of Education
Ed	309	Learning Theories and Classroom Management
Ed	314	Test and Measurement
Ed	321	Educating Exceptional Children
Ed	460	Seminar in Teaching
Py	241	Human Growth and Development
Py	222	Educational Psychology

3. Biology Teacher Education Core Courses

There are a number of science courses in the program. They are designed to prepare students with a solid foundation in biology/science education. Teaching skills, methods, curriculum and evaluation for junior and high school are emphasized.

Ed	316	Methods in Science
Sc		Science Elective
Sc	121	Anatomy and Physiology I with Lab
Sc	122	Anatomy and Physiology II with Lab
Sc	181	Chemistry I with Lab
Sc	182	Chemistry II with Lab
Sc	240	Evolution and Ecology with Lab
Sc	241	Microbiology with Lab
Sc	291	Cell Biology

4. Clinical Experiences, Practicum, and Student Teaching

There are two non-credit clinical experiences, three one credit hour practicums, and a twelve credit hour student teaching experience.

Clinical experiences: Students are required to observe and to be proactively involved in two schools through a thirty-hour session in each of these two clinical settings. The clinical experiences are part of the teacher candidacy application to the teacher education programs.

Practicum experience: The three practicum experiences go beyond the observation stage. In each experience, students will act as teachers' aids and will occasionally be given teaching assignments under the direction of the preceptor.

Ed	310	Educational Practicum I
Ed	320	Educational Practicum II
Ed	430	Educational Practicum III

Student teaching: Student teaching will consist of two placements for a total of sixteen weeks. The objective for the two field placements is for the students to experience the elementary and junior/middle school grade levels. Students will produce a portfolio at the end of their student teaching experiences. In conjunction with the teaching experiences, students are required to return to campus to take a seminar in teaching course. This course is designed to provide education students with the opportunity to reflect and assess their knowledge, skills and attitude in teacher preparation. This is a capstone course in the teacher education program.

Ed 450 Student Teaching

B.S. in Business Technology Education*

Business Technology Education (BTE) combines training in business, education, and liberal studies. Graduates are eligible for a Maine State Teacher's Certificate in business education or may pursue careers in business and industry. A Husson student may declare a BTE major as an incoming student. In order to maintain standing in the program at the end of the first 60 credits, a student must have an overall G.P.A. of at least 2.5 and have received a 2.5 or higher in every Ed prefix course. Students who wish to transfer into BTE from another Husson College major or from another institution must have a GPA of at least 2.5.

Students are expected to take the National Teachers Examination before starting Ed 450 (Student Teaching). The first two sections of the exam should be taken after the first 60 credits of the program have been completed; the third section should be taken after all Ed courses except Ed 450 have been completed.

Requirements for Business Technology Education Majors
All Business Technology Education majors must earn an overall 2.5 cumulative grade-point average as well as a 3.0 in their Ed prefix courses. Transfer students must complete a minimum of 15 credit hours in Business or Education courses at Husson.

B.S. Business Technology Education 4 Years/129-135 Credits

General Education Courses

- Eh 111 College Writing
- Eh 112 Approach to Literature
- Eh 121 Speech
- Ms 111 Algebra
- Ms 242 College Algebra
- Ms 132 Probability and Statistics
- Ms 232 Finite Math
- Py 111 General Psychology
- Ph 302 Business Ethics
- Py 241 Human Growth and Development
- Py 332 Abnormal Psychology
- Sc Science/Lab Elective
- Foreign Culture and Conversation Elective
- Freshman Seminar
- Global Elective
- Electives (3) in Liberal Arts

Business and Professional Courses

- Ac 121 Principles of Accounting I
- Ac 211 Managerial Accounting
- At 132 Document Production and Presentation II
- Ba 201 Business Law I

Ec	201	Microeconomics
Ec	202	Macroeconomics
Eh	221	Business Communication
Eh	323	Advanced Business Communication
Mi	111	Introduction to Computers
Mi	122	Visual BASIC
Mi	214	Microcomputer Spreadsheet Applications
Mi	322	Business Expert Systems
Mi	331	Theory and Practice of Networking
Mi	421	Project Management Techniques

Education Courses

Ed	100	Education Practicum Seminar
Ed	201	Philosophical Foundations of Education
Ed	311	Curriculum and Evaluation
Ed	321	Educating Exceptional Students
Ed	322	Educational Psychology
Ed	411	Methods of Teaching Skills in Business Technology
Ed	414	Methods of Teaching High School Curricula
Ed	450	Student Teaching (12 Credits)
*Ed		Seminar in Teaching

Also required are a fine arts course or exposure to the fine arts and co-curricular or community service experience.

* Closed to enrollment

B.S. Elementary Education 4 years/122 Credits

The program experiences in the Elementary Education Program include five areas:

1. Liberal Arts: General Education courses
2. Professional Educational Courses
3. Elementary Education Core and Academic Content Areas
4. Academic Content Electives
5. Clinical Experiences, Practicum, and Student Teaching

1. Liberal Arts: General Education courses

A strong liberal arts experience is essential to success as an elementary teacher. Liberal arts courses include experiences in English, mathematics, sciences, history, psychology, sociology, ethics, children's literature, and microcomputing.

Eh	111	College Writing
Eh	112	Approach to Literature
Eh	121	Speech
Hy	101	History of Western Civilization
Hy	111	United History I
Hy	112	History Elective: United History II or

Hy	211	History Elective: American National Government
Lf	111	French Elective or
Ls	111	Spanish Elective
Mi	111	Introduction to Microcomputing
Ms	111	Math Elective: Algebra or
Ms	132	Math Elective: Introduction to Probability and Statistics
Ms	242	College Algebra
Ph	301	Ethics
Py	111	General Psychology
Sc	102	Introduction to Biology/Botany
Sc	103	Introduction to Biology/Zoology
Sy	201	Principles of Sociology

2. Professional Educational Courses

Professional educational courses prepare teachers to be conversant with the philosophy of education, educational processes, standards, and technology as defined by the State of Maine Learning Results for 21st century educators. Courses in these areas include philosophical foundations of education, computer education, learning theory and classroom management, test and measurement, curriculum and instruction, and seminar in teaching.

Ed	201	Philosophical Foundations of Education
Ed	210	Computer Education
Ed	309	Learning Theory and Classroom Management
Ed	321	Educating Exceptional Children
Ed	331	Curriculum and Instruction
Ed	460	Seminar in Teaching
Py	222	Educational Psychology
Py	344	Child Psychology
Py	346	Adolescent Psychology

3. Elementary Education Core Courses

There are five core methods courses in the program. They are designed to teach methods of curriculum and instruction in the areas of language arts, reading, science, mathematics, and social studies. These methods courses are the extensions to many of the required liberal arts courses in the five subject areas.

Ed	230	Children's Literature
Ed	308	Methods in Language Arts
Ed	331	Methods in Reading
Ed	315	Methods in Science
Ed	409	Methods in Mathematics
Ed	415	Methods in Social Studies

4. Academic Content Electives

The elementary education program at Husson College is a K-8 program. It covers the junior high or middle school curricula. Students are required to take 18

additional semester hours in selective concentration from English, Mathematics, Science, and Social Studies for added background in one area of study.

English (Choose four from the list)

Eh	233	Introduction to the Novel
Eh	234	American Literature I
Eh	235	American Literature II
Eh	241	Major British Writers
Eh	251	World Literature I
Eh	252	World Literature II
Eh	275	Creative Writing
Eh	299	Special Topics in Literature

Mathematics (Choose four from the list)

Ms	131	Symbolic Logic and Problem Solving
Ms	132	Introduction to Probability and Statistics
Ms	232	Finite Mathematics
Ms	243	Trigonometry
Ms	331	Calculus
Ms	332	Applied Statistics

Science (Choose four from the list)

Sc	121	Anatomy and Physiology I with Lab
Sc	122	Anatomy and Physiology II with Lab
Sc	131	Human Genetics
Sc	132	Biology
Sc	141	Ecology
Sc	151	Conceptual Physics
Sc	180	Principles of General Chemistry with Lab.
Sc	181	Chemistry I with Lab
Sc	182	Chemistry II with Lab
Sc	234	Nutrition
Sc	240	Evolution and Ecology with Lab
Sc	251	Astronomy
Sc	271	Physics I with Lab
Sc	272	Physics II with Lab

Social Studies (Choose four from the list)

Hy	211	American National Government
Hy	221	United States Social History
Hy	301	The Twentieth Century
Hy	321	United States Military
Hy	341	International Relations
Hy	499	Special Topics in History

Clinical Experiences Practicum and Student Teaching

There are two non-credit clinical experiences, three one credit hour practicum, and a twelve credit hour student teaching experience.

Clinical experiences: Students are required to observe and to be proactively involved in two schools through a thirty-hour session in each of these two clinical settings. The clinical experiences are part of the teacher candidacy application to the teacher education programs.

Practicum experience: The three practicum experiences go beyond the observation stage. In each experience, students will act as teachers' aides and will occasionally be given teaching assignments under the direction of the preceptors.

Ed	310	Educational Practicum I
Ed	320	Educational Practicum II
Ed	430	Educational Practicum III

Student teaching: Student teaching will consist of two placements for a total of sixteen weeks. The objective for the two field placements is for the students to experience the elementary and junior/middle school grade levels. Students will produce a portfolio at the end of their student teaching experiences. In conjunction with the teaching experiences, students are required to return to campus to take a seminar in teaching course. This course is designed to provide education students with the opportunity to reflect and assess their knowledge, skills and attitude in teacher preparation. This is a capstone course in the teacher education program.

Ed 450 Student Teaching

B.S. Physical Education 4 years/127 credits

The program experiences in the Physical Education Program include five areas:

1. Liberal Arts: General Education courses
2. Professional Educational Courses
3. Physical Education Core and Academic Content Areas
4. Academic Content Electives
5. Clinical Experiences, Practicum, and Student Teaching

1. Liberal Arts: General Education courses

A strong liberal arts experience is essential to success as a physical education teacher. Liberal arts courses include experiences in English, mathematics, sciences, history, psychology, sociology, ethics, children's literature, and microcomputing. These are the foundation of a well rounded professional physical education teacher.

Eh	111	College Writing
Eh	112	Approaches to Literature
Eh	121	Speech
Lf	111	French Elective or
Ls	111	Spanish Elective
Mi	111	Introduction to Microcomputer

Ms	111	Math Elective: Algebra or
Ms	132	Math Elective: Introduction to Probability and Statistics
Ms	242	College Algebra
Ph	301	Ethics
Py	111	General Psychology
Sc	102	Introduction to Biology/Botany
Sc	103	Introduction to Biology/Zoology
Sy	201	Principles of Sociology

2. Professional Educational Courses

Professional educational courses prepare teachers to be conversant with the philosophy of education, educational processes, standards, and technology as defined by the State of Maine Learning Results for the 21st century educators- Courses in these areas include philosophical foundations of education, learning theory and classroom management, test and measurement, curriculum and evaluation, and seminar in teaching.

Ed	201	Philosophical Foundations of Education
Ed	309	Learning Theory and Classroom Management
Ed	314	Test and Measurement
Ed	321	Educating Exceptional Children
Ed	313	Curriculum and Evaluation in Elem- 81 Sec- Ed- PE
Ed	460	Seminar in Teaching
Pe	241	History and Philosophy of Physical Education
Py	222	Educational Psychology
Py	344	Child Psychology or
Py	345	Adolescent Psychology

3. Physical Education Core Courses

There are a number of science courses; physical education courses as well as methods courses in the program. They are designed prepare students to teach health and fitness, physical education. Teaching skills and methods of curriculum and evaluation and adaptive PE from K-12 are emphasized.

Ed	340	Skills I & II (Individual and Team Sport)
Ed	410	Assessment in PE
Ed	446	Methods of PE K-12
Ed	499	Adaptive PE
Pe	222	Personal Health and Fitness
Sc	121	Anatomy and Physiology I with Lab
Sc	122	Anatomy and Physiology II with Lab
Sc	330	Exercise Physiology
Sc	360	Biomechanics/Kinesiology
Sc	410	Motor Learning

4. Academic Content Electives

The physical education program at Husson College is a K-12 program. It covers the junior high or high school physical education curricula. Students are required to take 18 additional semester hours in selective concentration from English, Mathematics, Science, and Social Studies for added background in one area of study- Academic Content.

English (Choose four from the list)

Eh	233	Introduction to the Novel
Eh	234	American Literature I
Eh	235	American Literature II
Eh	241	Major British Writers
Eh	251	World Literature I
Eh	252	World Literature II
Eh	275	Creative Writing
Eh	299	Special Topics in Literature

Mathematics (Choose four from the list)

Ms	131	Symbolic Logic and Problem Solving
Ms	132	Introduction to Probability and Statistics
Ms	232	Finite Mathematics
Ms	243	Trigonometry
Ms	331	Calculus
Ms	332	Applied Statistics

Science (Choose four from the list)

Sc	131	Human Genetics
Sc	132	Biology
Sc	141	Ecology
Sc	151	Conceptual Physics
Sc	180	Principles of General Chemistry with Lab.
Sc	181	Chemistry I with Lab
Sc	182	Chemistry II with Lab
Sc	234	Nutrition
Sc	240	Evolution and Ecology with Lab
Sc	251	Astronomy
Sc	271	Physics I with Lab
Sc	272	Physics II with Lab

Social Studies (Choose four from the list)

Hy	211	American National Government
Hy	221	United States Social History
Hy	301	The Twentieth Century
Hy	321	United States Military History
Hy	341	International Relations
Hy	499	Special Topics in History

5. Clinical Experiences, Practicum, and Student Teaching
There are two non-credit clinical experiences, three one credit hour practicum, and a twelve credit hour student teaching experiences.

Clinical experiences: Students are required to observe and to be proactively involved in two schools through a thirty hour session in each of these two clinical settings. The clinical experiences are also part of the teacher candidacy application to the teacher education programs.

Practicum experience: The three practicum experiences go beyond the observation stage. In each experience, students will act as teachers' aids and will occasionally be given teaching assignments under the direction of the preceptors.

Ed	310	Educational Practicum I
Ed	320	Educational Practicum II
Ed	430	Educational Practicum III

Student teaching: Student teaching will consist of two placements for a total of sixteen weeks. The objective for the two field placements is for the students to experience the elementary and junior/middle school grade levels. Students will produce a portfolio at the end of their student teaching experiences. In conjunction with the teaching experiences, students are required to return to campus to take a seminar in teaching course. This course is designed to provide education students with the opportunity to reflect and assess their knowledge, skills and attitude in teacher preparation. This is a capstone course in the teacher education program.

Ed 450 Student Teaching

The Continuing Education Division

Program Sites

Bangor Center
Joyce B. Goodine, Center Director
207-941-7121
goodinej@husson.edu
One College Circle
Bangor, ME 04401

Caribou Center
Carolyn Dorsey, Center Director
207-498-6500
dorseyc@husson.edu
75 Bennett Drive
Caribou, ME 04736

South Portland Center
Russell Strout, Center Director
207-775-6212
stroutr@husson.edu
220 Maine Mall Road
South Portland, ME 04106

Continuing Education Division

The Husson College Continuing Education Division (CED) serves adults who, because of work schedules, geographic locations, or responsibilities, wish to attend classes in the evening or on Saturdays. A schedule of course offerings for each center is available prior to the beginning of each term. All sites offer a variety of two- and four-year majors from the School of Business; the exact programs available depend on the needs of the particular community. The M.S. in Business program is available at each Husson external center. In addition, the R. N. Completion Program is available in Bangor. Our goal is to provide specialized services to adults. We recognize that the adult learner brings special skills and knowledge to the classroom and also has special needs. Our faculty is

dedicated to teaching, and most are active professionals in the fields in which they teach. A full-time Director who is available to students at convenient times staffs each Center.

CED students are subject to the same policies and requirements as all other undergraduates. The following specialized procedures apply only to CED students.

ADMISSION

All applicants should arrange to meet with the director of the center where most courses will be taken. As part of the application process, a degree-seeking student must submit the following information:

1. Official copy of high school transcript or GED certificate
2. Official copy of college transcript(s) for transfer credits. (to be sent from previous college directly to Center Director)
3. Proof of immunity against measles, mumps, rubella, diptheria, pertussis, and tetanus
4. Completed application/registration form
5. Degree application fee of $20.00

TUITION

Tuition is payable in full the first day of class. However, it is possible to arrange for monthly payments with interest charged on the unpaid balance each month. A student with a balance due from a previous term must clear that balance prior to registering for a new term.

CED students who seek to take one or more day division courses will pay day division tuition rates for those courses.

FINANCIAL AID

CED students who carry at least six credit hours and are enrolled in a degree program are eligible to apply for need-based financial aid. Interested students should file the Free Application for Federal Student Aid. Please contact the Center Director or Financial Aid Office for more information. It is important to complete financial aid paperwork early, before registration, as it affects billing procedures.

WITHDRAWALS AND COURSE ADD/DROPS

Students may add or drop courses before the start of the term, or during the standard CED add/drop period (through the second week of class), and receive a full refund of tuition and fees. A special add/drop form must be filed with the Center Director before the start of the third week of class.

After the standard add/drop period, tuition and fees will not be adjusted for individual course withdrawals. A student who withdraws from the program must

file an official form; refund credits are computed from the date that the Center Director receives the form. Nonattendance of classes does not constitute withdrawal.

For program withdrawals during the term, refund credits will be prorated on the balance of tuition, fees, and other charges. Check with the Center Director for more information.

ACADEMIC POLICIES AND PROCEDURES

All CED degree courses are three (3) credit hours. The usual term academic load is not less than three (3) credit hours nor more than twelve (12) credit hours. Each degree candidate must complete a minimum of thirty (30) credit hours at a Husson Center or on the Bangor campus, and at least 15 credits of course work in the student's major must be completed from the Husson curriculum. Degree candidates must complete their final thirty (30) credit hours through Husson. A senior, if necessary for graduation, may take fifteen (15) credit hours the last term. Otherwise, students wishing to take more than twelve (12) credit hours per term must have the approval of the Chief Academic Officer.

COURSE DESCRIPTIONS

Undergraduate Courses

Ac 120 INTRODUCTION TO ACCOUNTING **3 CR. HR.**
This course for non-accounting majors introduces the student to accounting principles and concepts. Students will also use a microcomputer to learn accounting software. Emphasis will be placed on the accounting cycle, payroll accounting, and preparation of financial statements for both service and merchandising companies.

Ac 121 PRINCIPLES OF ACCOUNTING I **3 CR. HR.**
This introductory course covers fundamental principles and procedures of accounting. It is designed to meet the needs of business students as well as the accounting major. Emphasis is on developing the technical procedures of the accounting cycle including journalizing, posting, adjusting entries, closing procedures, payroll accounting, inventory accounting and preparing financial statements. Students are also introduced to accounting for merchandising organizations, cash control, financial statement analysis, and a computerized general ledger model.

Ac 122 PRINCIPLES OF ACCOUNTING II **3 CR. HR.**
A continuation of the study of basic accounting principles and procedures, the course includes receivables and payables, fixed assets, intangibles, inventory methods, and special journals and subsidiary ledgers. Students are also introduced to the corporate form of organization and the statement of cash flows. Use of the computerized general ledger model is continued. *Prerequisite: Ac 121*

Ac 201 INTERMEDIATE ACCOUNTING I **3 CR. HR.**
The first accounting course at the professional level for the accounting major, this course begins with a comprehensive review of basic accounting principles and financial statement preparation. The course provides an intensive study of the concepts of future and present value, current assets and current liabilities, the various methods of inventory accounting and costing, plant assets and intangible assets. *Prerequisite: Ac 122*

Ac 202 INTERMEDIATE ACCOUNTING II **3 CR. HR.**
This course continues the in-depth study of accounting topics in financial accounting. Topics covered include accounting for income taxes, long-term investments, and long-term liabilities. An intensive study is made of the statement of cash flows and accounting for all phases of corporations including formation, retained earnings, dividends, convertible securities, and earnings per share. *Prerequisite: Ac 201*

Ac 211 MANAGERIAL ACCOUNTING I **3 CR. HR.**
Managerial accounting involves the use of accounting information to make business decisions. Topics covered include cost concepts, cost-volume-profit relationships, break even analysis, capital budgeting and present value analysis, as well as financial statement analysis. *Prerequisite: Ac 121*

Ac 251 - Ac 254 COOPERATIVE EDUCATION **3-12 CR. HR.**
A college-supervised work experience course with participating employers in business and nonprofit organizations that provides a practical application of classroom theory. *Graded Pass/Fail Only*

Ac 271 ACCOUNTING INFORMATION SYSTEMS **3 CR. HR.**
This is an introductory course in the development and utilization of computer software in the accounting field. Coverage includes general ledger accounting, accounts receivable, accounts payable, payroll and financial spreadsheets. The course objective is for students to be able to use commercially developed accounting software for a multitude of accounting applications. *Prerequisites: Ac 121 and Mi 111*

Ac 301 ADVANCED ACCOUNTING I **3 CR. HR.**
Advanced Accounting I deals with advanced and specialized topics in financial accounting. An in-depth study is made of accounting for pensions and leases and of accounting for partnerships, including formation and operation, dissolution, and liquidation. The course also provides an introduction to such specialized topics as foreign operations, governmental and fund accounting, accounting changes, and error correction. *Prerequisite: Ac 202*

Ac 302 ADVANCED ACCOUNTING II **3 CR. HR.**
Advanced Accounting II concentrates on an in-depth study of business combinations and the equity method of accounting for a subsidiary on the parent's unconsolidated statements. Accounting for business combinations by the pooling and purchase methods is covered and the preparation of consolidated statements is emphasized with a thorough treatment of eliminations of intercompany transactions. Currently developing advanced topics are also covered as time permits. *Prerequisite: Ac 202*

Ac 331 COST ACCOUNTING I **3 CR. HR.**
Topics covered include basic cost control concepts, manufacturing statements, accounting for material inventory, factory overhead costs, job order and process costing systems, and standard costs. *Prerequisite: Ac 122 or Ac 211*

Ac 332 COST ACCOUNTING II **3 CR. HR.**
Topics covered include cost information systems and cost analysis, capital expenditure analysis, responsibility accounting, internal reporting guidelines, cost management, and forecasted budgets and statements. *Prerequisite: Ac 331*

Ac 431 CONTROLLERSHIP **3 CR. HR.**
This senior seminar capstone course integrates the key job functions of planning, organizing and directing, controlling and decision making at the management level. Also included as critical elements in a position at this level are budgeting, cost reduction, and human resource management. *Prerequisite: Ac 331*

Ac 440 ACCOUNTING INTERNSHIP **12 CR. HR.**
Full-time work provides opportunities to gain meaningful professional experience in a variety of accounting- related environments. This will help the accounting student in the transition to professional accountant and reinforce accounting education with practical application. *Graded Pass/Fail Only*

Ac 441 FEDERAL TAXATION I **3 CR. HR.**
The student is introduced to the basic theory of taxation, particularly as it deals with the individual. Among the topics examined are the computation of gross income, gains and losses, sales and exchanges of property, and various business and personal deductions. *Prerequisite: Ac 122*

Ac 442 FEDERAL TAXATION II **3 CR. HR.**
The taxation of corporations, partnerships, and estates and trusts is examined in-depth, along with other selected topics related to taxation of the business entity. Also covered are estate and gift transfer taxes with time devoted to family tax planning, international taxation, and the taxation of exempt organizations. *Prerequisite: Ac 122*

Ac 461 AUDITING CONCEPTS AND METHODS **3 CR. HR.**
The responsibilities of the auditor are examined in-depth in respect to the client, the firm and the public. The course includes a study of ethics, auditing standards and development techniques of the audit program, and the auditor's report. An extensive case study is also required. *Prerequisite: Ac 202*

Ac 462 INTERNAL AUDITING CONCEPTS/METHODS **3 CR. HR.**
This comprehensive review and appraisal of the responsibilities and duties of internal auditing emphasizes the role of the internal auditor in management, internal auditing methods and techniques, audit programs and report, and evaluation of internal control systems. *Prerequisite: Ac 202*

Ac 471 ACCOUNTING FOR NONPROFIT ORGANIZATIONS **3 CR. HR.**
This course consists of the study of fund accounting and the financial statements of state and local governments, hospitals, universities and other nonprofit entities. General financial principles and fund accounting principles are compared. Specific topics covered include budgets for operations, capital improvements, general funds, revenue funds, debt service funds, trust and agency funds, and proprietary funds. *Prerequisite: Ac 202*

Ac 483 FINANCIAL ACCOUNTING & REPORTING ADVANCED PROBLEMS 3 CR. HR.
This course covers current official pronouncements and procedures accepted by the AICPA and the FASB. Comprehensive in depth and inter-area problems are explored and solved; topics include accounting theory, pensions, leases, inventories, current assets and current liabilities, fixed assets, deferred taxes, stockholders' equity, foreign currency transactions and translations, investments, and partnerships. *Prerequisites: Ac 302, 331, 441; Seniors Only*

Ac 484 ACCOUNTING/REPORTING/CONSOLIDATION-ADV. PROBLEMS 3 CR HR.
This course covers current official pronouncements and current procedures accepted by the AICPA, the IRS, the FASB, the GASB and the Cost Accounting Standards Board. Comprehensive in depth and inter-area problems are explored and solved. Topics include: consolidations, cost accounting, accounting for governmental and nonprofit organizations, and individual and corporate taxes. *Prerequisites: Ac 302, 331, 441; Seniors Only*

Ac 486 MANAGEMENT ACCOUNTING PROBLEMS I **3 CR. HR.**
This course covers the following specific segments of a management accountant's possible job functions: cost accounting systems, responsibility accounting, behavioral issues, flexible budgeting, variance analysis, incremental costing and decision making when there are uncertainties. *Prerequisite: Ac 331*

Ac 487 MANAGEMENT ACCOUNTING PROBLEMS II **3 CR. HR.**
This course covers the following specific segments of a management accountant's possible job functions: international economics, working capital financing, capital structure financing, cash management, capital budgeting, and quantitative methods. *Prerequisite: Ac 331*

Ac 499 ACCOUNTING SEMINAR **3 CR. HR.**
The Instructor and the student develop the subject matter of this course. The material covered consists of current issues and developments and must be relevant to the accounting field. *Prerequisites: Ac 302 and Ac 331*

At 131 DOCUMENT PRODUCTION I **3 CR. HR.**
The correct techniques of touch keyboarding and the attainment of speed and accuracy goals will be achieved through textbook assignments and a self-paced keyboarding tutorial. The keyboarding text focuses on the composition and format of common business documents as it introduces basic word processing concepts.

At 132 DOCUMENT PRODUCTION II **3 CR. HR.**
This course will focus on intermediate word processing features as they apply to the tasks performed by administrative personnel in today's business office. Students will learn to format information in columns, tables, reports, and forms. Development of speed and accuracy will be monitored by individualized progress reports maintained by an individualized typing tutor, Mavis Beacon Teaches Typing. *Prerequisite: Ss 131 or by Permission*

At 136 ACCELERATED WORD **3 CR. HR.**
Emphasis is placed on developing a high degree of speed and accuracy on document production. The popular typing tutor, Mavis Beacon Teaches Typing will be used as a practice tool to build speed and accuracy. Students will explore the graphic capabilities of word processing and learn many shortcut commands to increase keyboarding proficiency. *Prerequisite: At 132 or by Permission*

At 233 VOICE TRANSCRIPTION **3 CR. HR.**
The student reviews the basic rules of effective written communications through document editing and proofreading exercises. These skills will be integrated into the machine transcription process. Emphasis will be placed on the production of mailable business correspondence. Practice tapes introduce the student to many diverse business fields. *Prerequisite: Ss 132 or by Permission*

At 244 MEDICAL TRANSCRIPTION & OFFICE PROCEDURES **3 CR. HR.**
This course prepares the student to perform an important role as a member of the healthcare team by developing the ability to transcribe machine dictation by physicians and other health care professionals. Students learn to key accurate medical documents including autopsy reports; discharge summaries, operative, pathology, and radiology

reports; history and physical examinations, progress chart notes; and patient consultations in the style prescribed by the American Association for Medical Transcription (AAMT). Emphasis is place on the proper use of medical terms and correct proofreading techniques. *Prerequisites: Ma 102 and Ss 132, or by Permission*

At 245 DESKTOP PUBLISHING **3 CR. HR.**
Students use current software packages to produce a wide range of high-quality interoffice publications such as forms, proposals and directories, and outside–of-organization communications such as flyers, catalogs, annual reports, brochures, newsletters, etc. Students will become familiar with typographic techniques used to create professional-looking documents. The use of basic design and layout features such as white space, graphic elements, and color will be introduced. Accuracy and creativity are essential as the students design and publish functional promotional materials. A professional portfolio containing sample projects is an integral part of the evaluation process. *Prerequisite: At 131 or by Permission*

At 246 BUSINESS TECHNOLOGY **3 CR. HR.**
The course prepares the student for an office professional role in a modern electronic office. Students will learn the importance of soft skills such as human relations, office ethics, stress management, and team building. Daily office routines including records management, meeting and conference planning, scheduling with calendaring software, proper telephone techniques, and customer service will be covered. Students are required to research business topics and communicate the information in a multimedia presentation. This capstone course integrates the skills acquired in previous business classes in an office simulation. Guest speakers and field trips to business offices provide the student with current business information. *Prerequisites: Ss132, Wp 213, or by Permission*

At 247 INTERNSHIP IN EXECUTIVE ADMINISTRATION **3 CR. HR.**
This internship provides the Executive Administration student an opportunity to gain experience in the office environment using the skills and applications learned in previous courses. The student must complete a minimum of 140 supervised hours in a professional business environment.

At 250 DATABASE DESIGN AND APPLICATIONS **3 CR. HR.**
Students learn to design functional relational databases that facilitate the access of information. Users enter data using customized forms, retrieve data through select and crosstab queries, and print information using personalized reports. *Prerequisite: Mi 214 or by permission*

At 251-At 253 COOPERATIVE EDUCATION **3-9 CR. HR.**
This is a work-experience with employers in the business community supervised by a member of the Professional Studies Department.

At 499 SPECIAL TOPICS IN PROFESSIONAL STUDIES **1-3 CR. HR.**
This course is designed for those students who wish to pursue research in the area of the Professional Studies Department. This course may also be used to offer special topics not offered in the current catalog but of interest to both the student and instructor. *Prerequisite: Seniors Only and by permission*

Ba 101 INTRODUCTION TO BUSINESS **3 CR. HR.**
This course introduces students to the general nature of functional areas in business such as marketing, management, accounting, finance, research and development, and risk management. The relationship between business, the government, the economy, and the environment is examined.

Ba 102 LEGAL ENVIRONMENT OF BUSINESS **3 CR. HR.**
This course is intended to be the first course in law for business administration students. Topics include introduction to law, ethics, courts, ADR, administrative law, law of employment, antitrust, and securities regulation.

Ba 201 BUSINESS LAW I **3 CR. HR.**
This course provides students with a basic knowledge of the law of contracts, personal property and real property.

Ba 202 BUSINESS LAW II **3 CR. HR.**
This course involves five areas of study: agency, partnership, LLC, corporation, sale, and secured transactions. *Prerequisite: Ba 201*

Ba 224 PUBLIC RELATIONS & ELECTRONIC PUBLISHING **3 CR. HR.**
This course is designed to introduce students to concepts and fundamental principles of public relations and electronic publishing. The course focuses on the practical application of these concepts and principles through class presentation and the use of electronic and print media. Through the creation of electronic pages for a variety of public relations applications, the student will begin to explore the creative techniques and practices necessary for the development of effective public relations efforts. This course is designed around the various ways an organization communicates with its publics, the types of communication used, the creating of and various strategies available to effectively communicate organizational messages. *Prerequisites: Eh 111 and Eh 112*

Ba 271 RISK MANAGEMENT **3 CR. HR.**
A study is made of the risks encountered by individuals and business firms. A presentation is made of the basic principles and institutions, which have been developed in risk management. This material is treated primarily from the consumer point of view.

Ba 310 ORGANIZATION AND MANAGEMENT **3 CR. HR.**
This course focuses on how to design organization systems and effectively manage them. Students completing the course should understand the universal process of management and key terminology in the language of management. Students are encouraged to blend conceptually contributions from the various schools of management thought into an integrated perspective on what managers do and why.

Ba 311 HUMAN RESOURCE MANAGEMENT **3 CR. HR.**
This course addresses traditional personnel administration issues. Emphasis in the course is on how to manage the major human resource administration functions of job design, reward system design, staffing, training and performance control, to achieve maximum employee performance and satisfaction. *Prerequisite: Ba 310*

Ba 321 MARKETING **3 CR. HR.**
The components of the marketing structure are covered, together with the development of the modern concepts of marketing. Among the topics included are: the legal environment, channels of distribution, segmentation, the international market, consumer behavior, retailing and advertising.

Ba 334 INTERNATIONAL ECONOMICS **3 CR. HR.**
This applied economics course will emphasize the use of cases to study topics such as comparative advantage, treaties, tariffs, non-tariff trade barriers, and trade blocks among developed and developing nations. *Prerequisites: Ec 201 and 202*

Ba 351-354 COOPERATIVE EDUCATION **3-12 CR. HR.**
Cooperative Education is a college-supervised work experience course with participating employers in business and nonprofit organizations that provides application of classroom theory. Students are employed on a part- or full-time basis.

Ba 362 FINANCIAL MANAGEMENT I **3 CR. HR.**
This foundation finance course covers basic personal and corporate financial management issues. Topics include personal financial planning, financial statements, financial ratio analysis, risk and return, cost of capital, capital budgeting, financial forecasting, cash management, inventory management, receivables management, and basic issues in stocks and bonds. Students are expected to become proficient in financial analysis of a corporation and in various aspects of corporate financial management. *Prerequisites: Ec 201 and Ac 121*

Ba 363 BANK & FINANCIAL SERVICES MANAGEMENT **3 CR. HR.**
This course will introduce students to the specific issues in the financial management of a banking firm and, to a smaller degree, of other financial intermediaries. Emphasis will be on products, roles, regulatory framework, and risk management. *Prerequisite: Ba 362 or 460*

Ba 411 ORGANIZATIONAL BEHAVIOR **3 CR. HR.**
This course is highly experiential in its approach to helping students understand and appreciate why people behave the way they do in an organizational context. Students learn how to manage employee behavior by analysis of real world phenomena and by application of principles in the areas of human perception and communication, leadership and motivation, small group dynamics, organizational culture, and organizational change. *Prerequisite: Ba 310*

Ba 413 OPERATIONS MANAGEMENT **3 CR. HR.**
Quantitative model building and manipulation are a means of analyzing and synthesizing the elements of productions management. Both deterministic and stochastic modeling are emphasized in the areas of work systems design, queuing, PERT, SQC, inventory control, forecasting, and linear and nonlinear programming. *Prerequisites: Ba 310 and Ms 132*

Ba 414 BUSINESS POLICY **3 CR. HR.**
This Business Administration senior seminar focuses on decision making at the executive management level, the formulation of strategy, and its implementation in the organization. The course will employ case studies, laboratory simulation techniques, and computer spreadsheet analysis. *Prerequisite: Seniors Only*

Ba 421 ADVERTISING **3 CR. HR.**
An introduction to the field of advertising: Students plan campaigns, write copy and design layouts for the print and electronic media, and summarize their knowledge by submitting a complete advertising plan at the end of the semester. *Prerequisite: Ba 321*

Ba 422 SALES AND SALES MANAGEMENT **3 CR. HR.**
This course provides students with the fundamentals of good salesmanship and sales management. Prior to studying management principles students practice sales techniques in simulations. Cases are used to illustrate and evaluate principles of sales management. *Prerequisite: Ba 321*

Ba 423 RETAIL MANAGEMENT **3 CR. HR.**
The purpose of this course is to provide students with an understanding of the fundamentals of successful retail operations. Topics included are the market concept in retailing, factors of area and market analysis, and aspects of organizational structure, layout, and personnel planning. Also covered are methods of pricing, merchandising planning, inventory, expense control and sales promotion techniques. *Prerequisite: Ba 321*

Ba 424 MARKETING RESEARCH **3 CR. HR.**
The basic research concepts and practices as applied to the analysis of marketing problems are examined. Topics include sources of data, collecting data, sampling, questionnaire construction, tabulating data, and report preparation; computerized statistical software is used. *Prerequisites: Ba 321 and Ms 132*

Ba 425 MARKETING MANAGEMENT **3 CR. HR.**
This is the capstone course for marketing majors. Students apply concepts learned in other courses to marketing problems of business and nonprofit organizations. Cases and business simulations are used to teach decision-making in the complex environment of business. A complete marketing plan for a simulated company of the student's choice summarizes the student's knowledge of the field. *Prerequisite: Ba 321*

Bs 434 INTERNATIONAL FINANCE **3 CR. HR.**
This advanced finance course covers international corporate finance and international investments. Specific topics include: foreign exchange markets, international financial markets, currency futures, options and swaps, exchange risk management, and international corporate investments. *Prerequisite: Ba 362*

Ba 437 INTERNATIONAL MARKETING **3 CR. HR.**
The basics of international marketing will be taught including the foundations of culture, cultural understanding, business customs and practices in global marketing, assessing global markets, and developing international marketing strategy. *Prerequisite: Ba 321*

Ba 438 EXPORT-IMPORT PROCEDURES **3 CR. HR.**
The basics of export-import procedures will be taught including justification for exporting/importing, market planning methods, selection of appropriate marketing mix variables, and regulation. *Prerequisite: Ba 321*

Ba 440 SMALL BUSINESS MANAGEMENT I **3 CR. HR.**
This course supplies prospective and current small business managers with the essential concepts of starting and operating small businesses. Topics covered include: environment and management of small business enterprise, problems in starting small businesses, financial and administrative control, and management of business operations. Particular emphasis is placed on the interrelated nature of the components, particularly as they affect the financial picture of the firm. Through a lecture and discussion format, students are expected to share their own experiences in small businesses with their fellow students. *Prerequisite: Seniors Only*

Ba 441 ENTREPRENEURSHIP **3 CR. HR.**
The essential concepts of starting and operating small businesses, include environment and management of small business enterprise, problems in starting small businesses, financial and administrative control, and management of business operations. Particular emphasis is placed on the interrelated nature of the components, particularly as they affect the financial picture of the firm. *Prerequisite: Seniors Only*

Ba 442 SMALL BUSINESS MANAGEMENT II **2 CR. HR.**
This is an advanced course which focuses on real problems in Small Business Management, using the case approach. Cases are drawn from the text, from actual local small businesses, and from the practical experience of students in the class. *Prerequisite: Ba 441*

Ba 460 INVESTMENT AND SECURITY ANALYSIS **3 CR. HR.**
Beginning with an introduction to financial markets and investment instruments, topics include stock and bond quotations and trading procedures, rate of return, margin trading, stock indexes, stock and bond valuation, risk and return, portfolio theory, active and passive portfolio management, and investment performance evaluation. Students participate in a computerized trading game throughout the semester. *Prerequisites: Ba 362 and Ms 132*

Ba 467 FUTURES, OPTIONS, & DERIVATIVE SECURITIES **3 CR. HR.**
This advanced finance course will cover market structure, pricing, and applications of derivatives in speculation, portfolio management, and risk management. *Prerequisites: Ba 362 or Ba 460*

Ba 471 LIFE AND HEALTH INSURANCE **3 CR. HR.**
This course is intended to provide background knowledge for personal application and for those responsible for administering benefit plans for employees; it provides the necessary information required to pass the State of Maine license examination. *Prerequisite: Ba 271*

Ba 472 CASUALTY AND PROPERTY INSURANCE **3 CR. HR.**
The first part of the course introduces the basics of the entire insurance business, including a summary of legal aspects, types of insurers and principles of reinsurance; next, each type of insurance is studied in detail. Topics covered are fire, consequential loss, inland marine, ocean marine, theft and surety, liability and miscellaneous property insurance. *Prerequisite: Ba 271*

Ba 481 ESTATE PLANNING **3 CR. HR.**
This course involves the study of trust administration, wills, laws of inheritance, guardianship and other related areas treated from the viewpoint of the estate planner. *Prerequisite: Ba 271*

Ba 490 INTERNATIONAL BUSINESS **3 CR. HR.**
This course covers the international dimensions of managerial decision-making including: world economies, international trade theories, tariffs, quotas and other trade issues, global strategic planning, cross-cultural management, international market entry, international human resource management, international organization strategy, international logistics, import/export operations, currency exchange, international financial management. Current developments in global economic and business are emphasized; students participate in a computerized simulation throughout the semester. *Prerequisites: Ba 310 and Ba 321*

Ba 495 SENIOR MANAGEMENT PROJECT **3 CR. HR.**
An experiential course that gives seniors the opportunity to apply what they have learned in class to a real business situation. *Prerequisite: Seniors Only*

Ba 498 BUSINESS SEMINAR **3 CR. HR.**
This honors course requires the study of various business problems under the supervision of members of the Department of Business Administration. A paper is required. An oral examination is scheduled as the final examination in the course. *Prerequisite: Seniors Only*

Ba 499 SPECIAL TOPICS IN BUSINESS **1-3 CR. HR.**
This is a course of variable content. Faculty and students prepare a special topic of timely interest in the business area. This course may consist of seminars, lectures, individualized instruction and/or research related to a specific area of specialization.

Ca 210 THEATER PERFORMANCE **4 CR. HR.**
In this course, the student explores the many techniques and talents that contribute to a theatrical performance. Voice, movement, scene study, lighting, set design and costuming are emphasized. All the aspects of performance are explored in workshop and class environments. Theater professionals who are currently working in the performing arts offer direction and instruction. The focus of this course will be on the entirety of production, from first reading to final performance.

Ca 220 THEATER PRODUCTION **4 CR. HR.**
In this course, the student is challenged to design a set, create a costume, run lights and be a part of the creativity of theatrical production. Behind the scenes will take center stage as the disciplines and techniques of technical theater are explored over the course of a summer theatrical season. Students are given the opportunity to experience the community of theater and take part in the creative efforts of a professional production staff in the production of a season of live theater.

Cj 101 INTRODUCTION TO CRIMINAL JUSTICE & PUBLIC SAFETY **3 CR. HR.**
This course introduces students to the social reality of crime, criminal behavior, and law as each of these relates to the criminal justice system. Students examine the role of law enforcement, prosecution, defense, court system, corrections, and juvenile justice at

various levels. Students are challenged to expand both their knowledge and appreciation of the criminal justice system through arranged visits to courts, detention facilities and working law enforcement agencies.

Cj 215 POLICE OPERATIONS **3 CR. HR.**
This course deals with everyday problems, situations and operations of the police department and the police officer. Included in the course is the study of many jobs and applications of duty in the police service. The course is a study of the patrol officer's function, with a background investigation of the total organization. The use of staff deployment, tactical operations, and the use of various equipment are discussed in some detail during the course with an emphasis on how operations and equipment are changing. *Prerequisite: Cj 101, or by Permission*

Cj 221 CRIMINALISTICS **3 CR. HR.**
This course will focus on the recovery, documentation and laboratory analysis of physical evidence found at the scene of a crime. The course covers the principles of effective crime scene management as well as what information can be obtained from particular pieces of physical evidence as a result of laboratory study. The laboratory analysis of the following will be covered: glass, soil, organic and inorganic substances, hairs, fibers, paint, drugs, poison, arson and explosive evidence, serology, DNA, fingerprints, firearms, tool impressions, miscellaneous impressions, photography, document and voice examinations. *Prerequisite: CJ 101, or by permission Physical Science is recommended*

Cj 225 CRIMINAL PROCEDURE **3 CR. HR.**
This course is designed to teach the background and current information regarding arrest, search and seizure. It explores the development of standards in this field, through constitutional law, state law, concepts and interpretation, limitations of police powers, probable cause, and the suppression hearing. *Prerequisite: CJ 101, or by permission*

Cj 235 CRIMINOLOGY **3 CR. HR.**
This course introduces the major theories of crime causation developed over the past two centuries. Explores the scope and nature of the current crime problem in the United States. Examines the characteristics of specific criminal behavior such as violent crime, property crime, organized crime, white-collar crime, and public order crime. Additionally, the course focuses on breaking down myths and stereotypes students may have formed about crime, and has them critically examine their own beliefs about crime. *Prerequisite: CJ 101, or by permission, Sy 201 is highly recommended*

Cj 310 MODERN PENOLOGY AND CORRECTIONS **3 CR. HR.**
This course offers an in-depth familiarity with the key readings in the history and sociology of incarceration. Topics include: theories of incarceration, sentence determination, with emphasis on the controversy over the federal guidelines, history of our incarceration system, inmate and staff perspectives on incarceration, special category inmates such as mentally ill, rape victims, death row inmates, and juvenile offenders, the death penalty, and the community supervision movement. The course concludes with an examination of the new technologies of incarceration. *Prerequisite: CJ 101, or by permission*

Cj 315 JUVENILE JUSTICE **3 CR. HR.**
This course covers the institutional response to the problems of juvenile delinquency, juvenile misconduct and dependent/neglected and abused children. It emphasizes the

police, court, and correctional agencies that process young people. In addition, it devotes attention to an understanding of the history of the system, recent legal developments, and an assessment of current proposals for reform. *Prerequisite: CJ 101, or by permission*

Cj 341 INVESTIGATIONS **3 CR. HR.**
This course covers both private and public investigations as well as the practice and application to criminal investigations. It stresses the professionalism and modern investigation tools as it covers established investigation policies, procedures, and techniques for the law enforcement officer. Recent court cases and investigations are integrated throughout the course to update the students on significant happenings throughout the world. *Prerequisite: CJ 101, or by permission*

Cj 342 PORTFOLIO ASSESSMENT **0 CR. HR.**
This course is used to recognize prior work and educational experience translatable through a portfolio preparation process for college credit. The standardized process identifies those areas where the student's learnings are adequate and where additional learnings are needed. Learnings documented in the portfolio are measurable, both theoretical and applied, and generalized for future applicability. Students who have acquired a minimum of two year's of professional work experience within a criminal justice agency are eligible to seek award of college credits. Eligible individuals may choose a maximum of five courses within an Associate Degree program and ten courses within a Bachelor's Degree program which seem to equate to work responsibilities and corollary learnings.

Cj 435 MANAGEMENT AND CRIMINAL JUSTICE **3 CR. HR.**
This course examines the application of modern management theory and technique to the criminal justice system. It emphasizes the unique nature of the criminal justice community and the complex relationships, which are necessary to make it efficient and effective. Topics covered include: hiring, developing personnel; managing budgets, dealing with public sector unions; discipline and problem behaviors; complaints and grievances; stress and time management; performance appraisals; deploying human resources; and emerging trends in criminal justice management. *Prerequisites: CJ 101, or permission of instructor, advanced standing in CJ recommended*

Cj 499 SPECIAL TOPICS IN CRIMINAL JUSTICE **1-6 CR. HR.**
This course is of variable content depending on the interests of the students and faculty.

Ec 201 MICROECONOMICS **3 CR. HR.**
An introduction to American capitalism and microeconomic concepts including the mechanics of supply and demand, elasticity, consumer demand, and price and output determination of purely and impurely competitive firms.

Ec 202 MACROECONOMICS **3 CR. HR.**
An introduction to macroeconomics in the American economy: national income accounts, unemployment, inflation, government fiscal policy, monetary policy and economic growth.

Ec 321 MANAGERIAL ECONOMICS **3 CR. HR.**
This course is designed to close the gap between economic theory and business application. It reviews traditional analysis and shows its application to the understanding and solution of economic problems of the firm and industry. *Prerequisite: Ec 201*

Ec 499 SPECIAL TOPICS IN ECONOMICS **1-3 CR. HR.**
Selected topics in economics are considered in a small study group. Departmental permission is required.

Ed 100 EDUCATION PRACTICUM SEMINAR **3 CR. HR.**
This course enables the prospective teacher to become familiar with the total program of the contemporary school through observation, participation, tutoring, or limited teaching.

Ed 201 PHILOSOPHICAL FOUNDATIONS OF EDUCATION **3 CR. HR.**
This course is an integral component of your program in education. You are embarking on an exciting term in your development as teachers. Teaching is a fabulously challenging and rewarding profession. It has been also described as a transparent profession because it is the only profession in which virtually all people have observed a professional at an extended period of time. One result is that most people have come to believe that teaching is easy. That is deceptive however. The ease with which an experienced teacher makes the lesson flow is the result of significant preparation behind the scenes. This course is designed and taught in a manner which allows you to begin your examination of the world behind the veil. A broad overview of the field of education and its philosophical, political, legal and social foundations, and current issues of importance to education in a changing society will be examined. You will find that this course stimulates thought and reflection as well as challenges your understanding and skills.

Ed 210 COMPUTER EDUCATION **3 CR. HR.**
This is an introductory survey course of the history and structure in the field of instructional technology with on emphasis in the integration of technology in teaching. It is essential that learners are able to: 1) Relate the history, demonstrate the planning and structure, and promote the effectiveness of instructional technology. 2) Describe and recognize the advantages, limitations, issues of various instructional media, and 3) Utilize technologies as applied to education and training.

Ed 230 CHILDREN'S LITERATURE **3 CR. HR.**
This course is designed to prepare pre-classroom teachers to identify high-quality, appropriate children's books for their classroom instruction. Students will learn how to analyze classical and contemporary children's books, creating a traditional or electronic catalog with synopsis for each book to future references. Creative ways of presenting themes in children's literature will be discussed. Students will learn how to present and read aloud books and poetry to children. It is the goal of this course to encourage students to develop a love for children's literature and continue to build their catalogs as a personal resource for instruction. Instructor's consent required

Ed 241 SKILLS I – INDIVIDUAL SPORT **3 CR. HR.**
This course is the first part of a three-sequence requirement designed to introduce the physical education student to the core of competencies he, or she, will want to instill in K-12 students in physical education classes. These include a commitment to, and appreciation of, skills needed in lifelong participation in movement activity. The course will provide the student skills in how to organize, coach, and teach individual sports.

Ed 242 SKILLS II – TEAM SPORTS **3 CR. HR.**
This course is the second part of a three-sequence requirement designed to introduce the physical education student to the core of competencies he or she will want to instill in K-12 students in physical education classes. These include a commitment to, and appreciation of, skills needed in lifelong participation in movement activity. The course will provide the student skills in how to organize, coach, and teach team sports.

Ed 308 METHODS IN LANGUAGE ARTS **3 CR. HR.**
This course introduces students to the interrelationship of the language arts components of listening, speaking, reading, writing and viewing. Language arts methods of instruction and informal assessments for primary, elementary and middle school will be surveyed. Students will be expected to observe language arts classrooms, practice with varying methodologies, analyze effective language arts instruction and create a working methodology file.

Ed 309 LEARNING THEORIES AND CLASSROOM MANAGEMENT **3 CR. HR.**
Part of this course is an overview of 4 contemporary current behavioral and cognitive learning theories. Their applications of principles and concepts in teaching and learning will be presented. Learning is an abstract term. Concepts in this course will be illustrated with examples. The second part of this course Is classroom management. Nine classroom management styles will be studied. This is a third year level course. Students would have attended two clinical experiences in schools. This course is taken concurrently with the education practicum. When they are in school, they will be able to identify learning theories and classroom management styles of their preceptors (practicing teachers).

Ed 310 EDUCATION PRACTICUM I **1 CR. HR.**
This is a required course for all Education students as they take three, 1 credit hour education practicum in their junior or senior years. Students need to spend 30 clock hours in each practicum to act as teachers' aides in the schools. Under the direction of the preceptors (practicing teachers), students may occasionally be given teaching assignments. Students must write out lesson plans for those teaching assignments. *Prerequisites: 2 non-credit clinicals, junior or senior status, passing teacher candidacy and Instructor's Permission*

Ed 311 CURRICULUM AND EVALUATION **3 CR. HR.**
This course is designed to acquaint students with classroom evaluation techniques and the operation, planning and placement of subjects in the secondary school curriculum. It includes a study of curricula with emphasis upon identification of developing educational trends that influence curriculum growth and/or revision; construction of teacher-made tests to determine teaching effectiveness and student progress toward the attainment of educational goals; and the development of criteria to measure and evaluate progress of student class work and course requirements. *Prerequisite: Ed 221*

Ed 313 CURRICULUM AND EVALUATION IN ELEMENTARY AND SECONDARY PHYSICAL EDUCATION **3 CR. HR.**
This three credit course is the first part of a three sequence requirement designed to introduce the physical education student to the core of competencies involved in curriculum content, design, and assessment. The course will provide the student skills in how to organize, create, design and implement movement skills and health-related

curriculums. The course will examine the curriculum used to acquire the levels of competency expected grade-by-grade of K-6 and secondary students. Teacher preparation students will be expected to incorporate student movement and physical performance levels in each activity prescribed in the State of Maine Learning Results.

Ed 314 EDUCATIONAL TEST AND MEASUREMENT **3 CR. HR.**
This course will present a comprehensive and balanced coverage of all aspects of assessment relevant to classroom teachers. Included are the construction and use of paper-and-pencil and alternative assessments, as well as coverage of instructional objectives, grading, judging assessment quality, and standardized testing. *Prerequisites: Senior status or instructor's permission*

Ed 315 METHODS IN READING **3 CR. HR.**
This course provides a transitional perspective to teach reading. The theoretical guidelines and methodology to the use of basals and skills base instruction with a more balanced approach in teaching reading will be taught. The course will examine the principles that support literacy development. These principles will strengthen students in the development of their own models of balanced literacy instruction. Student will create mini lessons for teaching children to read. *Prerequisites: General Methods course, junior or senior status, instructor's permission*

Ed 316 METHODS IN SCIENCE **3 CR. HR.**
This course presents a constructivist approach in science education. The content and methodology that the pre-service teacher will need to be an effective elementary science teacher will be discussed. Ways to plan science instruction successfully will be presented. How science concepts and skills are effectively taught and learned will be studied. Students will engage in the search of resources for science education. Assessment of student inquiry using the constructivist approach will be discussed. Lastly, the use of instructional and design technology will be part of the enquiry method in the classroom activity. *Prerequisites: General Methods course, junior or senior status, instructor's permission*

Ed 320 EDUCATIONAL PRACTICUM II **1 CR. HR.**
All education students are required to take three, one credit hour education practicum in their 5th, 6th, and 7th semester. Students need to spend 30 clock hours in the schools to act as teachers' aides. Under the direction of the preceptors, (practicing teachers), students may occasionally be given teaching assignments. Student must write out lesson plans for those teaching assignments. *Prerequisites: Passed Education Practicum I, junior or senior status, instructor's permission*

Ed 321 EDUCATING EXCEPTIONAL STUDENTS **3 CR. HR.**
This course is designed to prepare the classroom teacher to successfully educate students with disabilities in the regular classroom setting. While it will primarily assist the student in managing the instructional requirements of students with disabilities, it will also familiarize the student with legal and ethical standards for including children with disabilities in regular classroom settings and the role of parent advocacy and support groups. Extending the classroom experience beyond students with disabilities, familiarity with instructional issues of student from culturally, ethnically, and socio -economically diverse populations will also be encouraged. Procedural due process and diagnostic

instructional practices for sensitivity to the development of professional and parent collaboration to enhance the educational opportunities of diverse learners.

Ed 331 CURRICULUM & INSTRUCTION FOR ELEMENTARY EDUCATION 3 CR. HR.
This course is designed for students in the Elementary Education K-8 program. It is a general methods course curriculum development and methods of instruction. This course is focused on the how and what in curriculum and instruction with the goal of providing an integrated approach in teaching and learning. It ensures that pre service teachers have a broad knowledge in methods when they enter the classroom. This is a prerequisite course to all methods courses in the Elementary Education program. It can be taken concurrently with other methods courses or as approved by advisor. *Prerequisite: Seniors Only*

Ed 340 INDIVIDUAL AND TEAM SPORTS SKILLS 3 CR. HR.
This course is designed to introduce the physical education teacher preparation student to the core of competencies he or she will want to instill in K-12 students in physical education classes. These include a commitment to, and appreciation of, skills needed in lifelong participation in movement activity. The course will provide the student skills in how to organize and teach individual and team sports. The course will examine skills acquired in terms of levels of competency expected by K-12 graders. Teacher preparation students will be expected to incorporate student movement and physical performance levels in each activity as these are prescribed in the State of Maine Learning Results.

Ed 343 SKILLS III – WELLNESS, FITNESS, & STRENGTH CONDITIONING 3 CR. HR.
This course is the third part of a three-sequence requirement designed to introduce the physical education preparation student to the core of competencies he, or she, will want to instill in K-12 students in physical education classes. These include a commitment to, and appreciation of, skills needed in lifelong participation in movement activity. The course will provide the student skills in how to organize and teach wellness, fitness, and strength conditioning.

Ed 346 METHODS OF PHYSICAL EDUCATION K–12 3 CR. HR.
This course is designed to aid prospective teachers in acquiring the skills necessary to design and implement effective instructional strategies. The course will examine learning domains, differences in learning styles, guidelines for specific populations, and the social forces that affect learning. Teacher preparation students will be expected to incorporate the State of Maine Learning Results with specific teaching methodology and assessment strategies. *Prerequisite: Pe 241*

Ed 351 COOPERATIVE TEACHING EDUCATION 3 CR. HR.
Credit for this course may be gained through paid, practical field experience during the summer months. Department permission is required. *Prerequisite: Ed 221*

Ed 409 METHODS IN MATHEMATICS 3 CR. HR.
This course introduces mathematic teaching concepts in problem solving processes and problem solving strategies and applies these concepts to real world experiences and problems. The approach to mathematics learning is an active process where children engage in the problem solving activities. Methods and approaches in discovery-oriented learning will be developed to involve learners in problem solving. The teachers' role is to guide students in problem solving tasks and to develop ways to encourage children to

reflect on what they are doing in order to clarify ideas for themselves and to share their thoughts with others. Models of engaged learning activities will be discussed and developed for teaching and learning mathematics. *Prerequisites: General Methods Course in Elementary Education, junior or senior status*

Ed 410 ASSESSMENT IN PHYSICAL EDUCATION **3 CR. HR.**
This course is the third part of a three sequence requirement designed to introduce the physical education student to the core of competencies involved in curriculum content and design, specifically, the area of assessment. The course will provide the student knowledge and skills for assessing the physical education program content. Students will examine the tools used to assess the levels of competency expected grade by grade for elementary and secondary education students. Teacher preparation students will be expected to apply these assessment tools to current programs using the State of Maine Learning Results as a guideline.

Ed 411 METHODS OF TEACHING SKILLS IN BUSINESS TECHNOLOGY **3 CR. HR.**
This course covers the principles and techniques of teaching keyboarding, word processing, and other computer applications. Content includes: development of course objectives, lesson plans, and instructional materials; testing and grading; and skill development. Particular attention is given to planning, preparing, implementing, and evaluating teaching. *Prerequisites: Ed 311 and Ss 132*

Ed 414 METHODS OF TEACHING HIGH SCHOOL CURRICULA **3 CR. HR.**
A study of modern methods and techniques for teaching subjects commonly offered in secondary schools. *Prerequisite: Ed 311*

Ed 415 METHODS IN SOCIAL STUDIES **3 CR. HR.**
This course is designed to help students become familiar with the various means and strategies of assessment and how to apply them in a social studies classroom. Pre-service students will be able to understand and use the various state and federal educational guidelines while planning lessons and units and gather various resources for use in the classroom. Student will have a unit at hand at the end of the semester to adapt in the elementary classroom. Students will practice presenting lessons in front of their peers that can later be adapted for the use of their classroom. *Prerequisites: Education Practicum II, Senior Status*

Ed 430 EDUCATIONAL PRACTICUM III **1 CR. HR.**
All education students are required to take three, one credit hour education practicum in their 5th, 6th, and 7th semester. Students need to spend 30 clock hours in the school to act as teachers' aides. Under the direction of the preceptors (practicing teachers), students may occasionally be given teaching assignments. Students must write out lesson plans for those teaching assignments. *Prerequisites: Education Practicum II, Senior Status*

Ed 431 HEALTH PRACTICES FOR TEACHERS **1 CR. HR.**
The course is designed to inform teacher education students about the problems of contemporary health. Emphasis is on drug abuse, heart disease, weight control, first aid and CPR licensing. *Prerequisites: Ed 411 and 414*

Ed 446 METHODS IN TEACHING PHYSICAL EDUCATION, K-12 **3 CR. HR.**
This course is designed to aid prospective teachers in acquiring the skills necessary to design and implement effective instructional strategies. The course will examine learning domains, differences in learning styles, guidelines for specific populations, and the social forces that affect learning. Teacher preparation students will be expected to incorporate the State of Maine Learning Results with specific teaching methodology and assessment strategies.

Ed 450 STUDENT TEACHING **12 CR. HR.**
This course is designed to provide all education students with the opportunity to practice the art and science of teaching in a structured setting with guidance and supervision. The course will also provide students with appropriate feedback in curriculum organization, lesson plan development, assessment, and classroom management strategies. Teacher preparation students will be expected to incorporate the Student Handbook's policies and procedures during this time. *Prerequisite: All methods courses*

Ed 460 SEMINAR IN TEACHING
This course is designed to provide education students with the opportunity to reflect and assess their knowledge, skills and attitude in teacher preparation. This is a capstone course in the teacher education program. As students engage in student teaching in schools, they will bring back a wealth of experience that can be discussed in this class to strengthen each other. Each student in the class will be videotaped once during their student teaching placement. The visual information will be discussed in the class. Appropriate feedback in curriculum organization, lesson planning, assessment, communication skills, and management strategies will be provided by fellow students and instructor. The comprehensive portfolios that are created by student teachers will be used for class discussions and assessment. This course is designed around the 13 guiding principles stated in our Education Student Handbook, the Learning Results and the ten Maine standards for results-based initial teacher certification from the State Board of Education. *Prerequisite: Seniors Only*

Ed 499 SPECIAL TOPICS IN EDUCATION **1-3 CR. HR.**
This course covers basic theories and practices of adapted physical education for including students with mild, moderate, and severe disabilities in the regular physical education program.

Eh 091 WRITING WORKSHOP **3 CR. HR.**
In this course students practice a variety of writing strategies and sentence-level skills in a workshop atmosphere that prepares them for college-level writing. Thesis and paragraph development, grammar, punctuation, spelling and document format are among the topics covered in preparation for academic writing. Connections between reading and writing are emphasized. Placement is determined by a diagnostic writing sample. The course does not count toward the degree.

Eh 092 WRITING WORKSHOP FOR INTERNATIONAL STUDENTS **3 CR. HR.**
In this course students for whom English is a second language practice a variety of writing strategies and sentence-level skills in a workshop atmosphere that prepares them for college-level writing. Thesis and paragraph development, grammar, punctuation, spelling, and document format are among topics covered in preparation for academic writing.

Connections between reading and writing are emphasized. Placement is determined by a diagnostic writing sample. The course does not count toward the degree.

Eh 111 COLLEGE WRITING **3 CR. HR.**
This course teaches techniques for critical reading and effective writing. In a workshop environment that features continual instructor and peer evaluation, students develop writing strategies for improving specific steps in the composition process, from pre-writing and topic development to revision and editing. Logical argumentation and the academic essay are the primary focus. Written assignments include a number of short papers and at least one essay that incorporates research. Students learn MLA and APA style citation. Placement is determined by a diagnostic writing sample. This course satisfies the first general education core requirement.

Eh 112 APPROACHES TO LITERATURE **3 CR. HR.**
This course introduces students to the study of literature and fundamentals of literary research. It emphasizes critical close reading and interpretation. *Prerequisite: Eh 111 or Instructor's Permission*

Eh 121 SPEECH **3 CR. HR.**
This introductory course develops students' ability to deliver and evaluate public speeches of both prepared and impromptu nature. Students explore connections between the written and spoken word. The significance of nonverbal language and listening skills is also emphasized.

Eh 221 BUSINESS COMMUNICATION **3 CR. HR.**
The course examines written and oral forms of business communication, from memos and letters to research proposals and reports. Flexibility in addressing diverse audiences and human resource issues is a focus. Resumes, cover letters, job interviews and formal presentations are also emphasized. *Prerequisite: Eh 112 or Instructor's Permission*

Eh 232 INTRODUCTION TO DRAMA/PLAY PRODUCTION **3 CR. HR.**
This course examines dramatic writing and performance as a vehicle of cultural communication from the ancient world to the present day. Topics studied include forms and definitions of drama, history of play production, staging and criticism. *Prerequisite: Eh 112 or Instructor's Permission*

Eh 233 INTRODUCTION TO THE NOVEL **3 CR. HR.**
This course provides a study of the novel, including its aesthetic development, critical reception, and social function, from its origins in the eighteenth-century to its contemporary practitioners. Specific topics and texts may vary according to instructor and student preference and may include Bradford, Bradstreet, Edwards, Hawthorne, Emerson, Melville, Thoreau and Douglas. *Prerequisite: Eh 112 or Instructor's Permission*

Eh 234 AMERICAN LITERATURE I **3 CR. HR.**
This course presents a survey of American writing from the Colonial period to the Civil War with focus on the intellectual movements and literary output of Puritanism, Native American literature, Romanticism, the Transcendentalists and slavery narratives. Specific topics and texts may vary according to instructor and student preference and may include such writers as Bradford, Bradstreet, Edwards, Hawthorne, Emerson, Melville, Thoreau and Douglas. *Prerequisite: Eh 112 or Instructor's Permission*

Eh 235 AMERICAN LITERATURE II **3 CR. HR.**
This course presents an overview of American Literature from the end of the Civil War to 1945. It may include authors and works from the Gilded Age, Progressivism, World War I, the Expatriates, the Jazz Age and the Harlem Renaissance. The course studies the role of literature to express and influence social, economic, and cultural realities of the United States. Specific topics and texts vary according to instructor and student preference and may include Twain, Bierce, Dickinson and Whitman. *Prerequisite: Eh 112 or Instructor's Permission*

Eh 241 MAJOR BRITISH WRITERS **3 CR. HR.**
This course provides a study of canonical authors and works of the British Isles from medieval times to the modern era. Depending on instructor and student preference, texts and authors may include Beowulf, Chaucer, Langland, Malory, Donny, Shakespeare, Milton, Swift, Austen, Wordsworth, the Brontes, Tennyson, Arnold, Conrad and Woolf. *Prerequisite: Eh 112 or Instructor's Permission*

Eh 251 WORLD LITERATURE I **3 CR. HR.**
This course surveys significant writings in Eastern and Western tradition, from ancient Babylonian civilization to the English Restoration. Selected texts depend on instructor and student interest and may include Gilgamesh, Greco-Roman mythology, Homer's Odyssey, the Old and New Testaments, Indian epic, Dante's Divine Comdey and Japanese haiku. *Prerequisite: Eh 112 or Instructor's Permission*

Eh 252 WORLD LITERATURE II **3 CR. HR.**
The second of two world literature surveys, this course concentrates on literary works from the English Restoration to the modern era. The primary goal for the course is to define the role of literature as it occurs through a wide range of social, cultural and geographical contexts. Selected texts depend on student and instructor interest and may include Voltaire, Borges, Mahfouz, Tagore, Mishima, Garcia Marquez and Achebe. *Prerequisite: Eh 112 or Instructor's Permission*

EH 275 CREATIVE WRITING WORKSHOP **3 CR. HR.**
This course is an introduction to the writing of creative short fiction, poetry, and personal essay. As students workshop their own writing and offer feedback to the writing of classmates, they are exposed to a variety of writing techniques in all three genres in order to help develop their own writing style and voice. Emphasis is placed on the importance of revision and writing as a process. *Prerequisite: Instructor's permission*

Eh 299 SPECIAL TOPICS IN LITERATURE **3 CR. HR.**
This is an open course of variable content depending on faculty and student interests. Previous topics have included Women's Literature, Contemporary Authors, Literature and Film, Utopian Writings and the Short story. *Prerequisite: Eh 112 or Instructor's Permission*

Eh 311 ADVANCED WRITING **3 CR. HR.**
This is a workshop course for further development of writing and peer-editing skills acquired in Eh111 and Eh112. Emphasis on expository, persuasive and creative writing prepares students to become peer tutors in the college writing center. *Prerequisite: Eh 112 or Instructor's Permission*

Eh 322 GROUP LEADERSHIP & CONFERENCE TECH. 3 CR. HR.
This course involves experiential learning of leadership, interpersonal communication, and conference activities. Students develop and present individual and group programs based on issues and policies within their degree programs, and/or professional and civic organizations. Prerequisites: *Eh 121 and Eh 221 or Instructor's Permission*

Eh 323 ADVANCED BUSINESS COMMUNICATIONS 3 CR. HR.
This course emphasizes the written and oral presentation of research findings for business and professional management audiences. Students identify problems, outline strategies and develop proposals, feasibility studies, or other reports in their areas of study, training, and career interest. The course concludes with presentation and evaluation of major projects. *Prerequisite: Eh 221 or Instructor's Permission*

Eh 352 ADVANCED WRITING INTERNSHIP 3 CR. HR.
This course is designed to combine training for writing tutors with practical experience in the Writing Center. Students will study rhetoric and composition theory and explore issues that interfere with successful student writing, both their own and that of others. Acquired knowledge will be applied in both classroom role-playing situations and actual tutorial experiences in the Writing Center. Emphasis will be on preparing students for possible future roles as peer tutors in the Writing Center. *Prerequisites: Eh 111 and 112*

Eh 411 SEMINAR IN LITERATURE 3 CR. HR.
This is an upper-level seminar course of variable content determined by current faculty research and student interests. Previous topics include Shakespeare, Virginia Woolf, Twentieth Century Poetry and Literature of Place. *Prerequisites: Eh 112 and one other Literature Class or Instructor's Permission*

Ge 111 ECONOMIC GEOGRAPHY 3 CR. HR.
This course is an introduction to the principles of economic geography, ranging from physical and biological geography to cultural and political factors. The decision making processes, both local and global, for different types of service oriented, manufacturing, transportation, and resource based businesses will be examined. The relationship of natural resources, population, and culture, and how such factors affect economic activity will be emphasized.

Ha 101 INTRODUCTION TO HOSPITALITY MANAGEMENT 3 CR. HR.
This survey of the hospitality industry will cover history, current practices, future of the industry, restaurant/food service operations, hotel/motel management, travel/tourism, managing in the service industry, operations management and personnel leadership.

Ha 102 BASIC HOSPITALITY INTERNSHIP 3 CR. HR.
This internship is a college-supervised introduction to hospitality work experience at a participating industry property; course includes placement for a full summer. A journal and written assignments are required components of the internship experience (May-August). *Prerequisite: Ha 101*

Ha 201 INTRODUCTION TO FOOD PREPARATION 3 CR. HR.
Theory and practice of food preparation. Topics will include: importance of food preparation to restaurant success, food history, kitchen and restaurant cost controls, menu

development, purchasing, receiving, equipment operation and maintenance, and basic food preparation and presentation. *Prerequisite: Ha 101*

Ha 202 FACILITIES MANAGEMENT & GUEST SERVICES **3 CR. HR.**
In-depth study of operations of food and rooms divisions in the hospitality industry. Topics will include hiring, staff development, quality services, and ethics. *Prerequisites: Ha 101 and Ha 201*

Ha 203 INTERMEDIATE HOSPITALITY INTERNSHIP **3 CR. HR.**
This college-supervised internship builds on the previous one to insure that the student gains exposure to front line industry positions that are different from the previous internship experience. A journal and written assignments are required components of the internship experience (May-August). *Prerequisite: Ha 102*

Ha 299 TOPICS IN HOSPITALITY MANAGEMENT **3 CR. HR.**
Selected topics of special interest to faculty and students.

Ha 302 HOSPITALITY FACILITIES DESIGN AND MANAGEMENT **3 CR. HR.**
The creation and management of hospitality properties; building, design and operations of room and food operations. In this course students will write a business plan for a hospitality property. *Prerequisite: Instructor's Consent*

Ha 401 HOSPITALITY INTERNSHIP **6 CR. HR.**
A College-supervised work experience course with participating hospitality properties; course includes placement for a full summer and fall semester.

Ha 402 SENIOR SEMINAR IN HOSPITALITY MANAGEMENT **3 CR. HR.**
In depth analysis of selected case studies affecting today's hospitality industry. Course emphasizes teamwork, hospitality sensitivity, critical reasoning and integration of skills. *Prerequisite: Ha 401*

Ha 403 ADVANCED HOSPITALITY INTERNSHIP **9 CR. HR.**
This college-supervised work experience will provide the student with entry level management experience in the hospitality industry. Through placement in a hospitality property for a full summer and fall semester. *Prerequisite: Ha 401; Seniors Only*

Hu 111 AMERICAN SIGN LANGUAGE I **3 CR. HR.**
This course is an introduction to American Sign Language (ASL), designed to develop conversational signing skills at a beginning level. The course allows for some practice time, working with others, and working with the videotape.

Hu 112 AMERICAN SIGN LANGUAGE II **3 CR. HR.**
This course, a continuation of HU 111, is designed for students to continue developing beginning conversational signing skills. Additional techniques used by ASL users are introduced. There is allowance for working with others, working with the videotape, and practice time. *Prerequisite: Hu 111*

Hu 203 SOUNDS LIKE MUSIC **3 CR. HR.**
This course is designed to introduce the student to music. Beginning with the premise that music is universal and that all music represents an important part of the human

experience, this course will provide the student with an overview of the various musical expressions spanning the globe.

Hu 299 SPECIAL TOPICS IN THE HUMANITIES **1-3 CR HR.**
This course is intended to provide the opportunity to offer courses in the humanities that would not normally be a part of the Husson curriculum. As such, the topics and content will vary (i.e., music or art appreciation, etc.)

Hu 301 THE GREEK VIEW OF LIFE: SUMMER IN GREECE **3 CR. HR.**
This is an introduction to a cross-cultural communication through the immersion and participation in the Greek culture. The classic Greek thought will be compared with contemporary Greek and Western thought on such issues as friendship, education, the view of women, identification of aesthetics and ethics, business labor and trades, the European Union, the state religion, law, the family, and other pertinent cultural aspects. Emphasis will be placed on the major events, institutions, ideas, and creative works that developed and continue to shape the western world. *Prerequisite: Instructor's Consent*

Hu 320 MODERNISM IN ART, MUSIC AND LITERATURE **3 CR. HR.**
This course introduces students to an interdisciplinary study of fine arts with a focus on the modern (and post-modern) world. Students will trace the development of modern sensibilities in major works of painting, sculpture, architecture, music and literature.

Hy 101 HISTORY OF WESTERN CIVILIZATION **3 CR. HR.**
This is a survey course designed to present a concise view of the significant and relevant experiences of western civilization. Emphasis is placed on the major events, institutions, ideas and creative works that have shaped western civilization.

Hy 111 UNITED STATES HISTORY I **3 CR. HR.**
The social, political, and economic growth of the United States from 1620s to the Civil War is stressed. After a view of the colonial settlements, particular attention is devoted to the outbreak of the Revolutionary War, the framing of the Constitution, the struggle between Hamilton and Jefferson, the War of 1812, Jacksonian Democracy, the beginning of industrialization, the causes of the Civil War, and the problems of the Reconstruction Era.

Hy 112 UNITED STATES HISTORY II **3 CR. HR.**
Late nineteenth and early twentieth century social and economic history is examined against a background of the increased nationalism and the rapid industrialization accompanying and following the Civil War and Reconstruction Periods. The Agrarian revolt, the emergence of the country as a first-rate power, the Progressive movement, the New Deal and America's part in the two World Wars are emphasized.

Hy 211 AMERICAN NATIONAL GOVERNMENT **3 CR. HR.**
The course places in historical perspective the development, organization, and function of American national government. Emphasis is placed upon development of the United States Constitution, the governmental administrative system and the political socialization process essential to an understanding of the American political system.

Hy 221 UNITED STATES SOCIAL HISTORY **3 CR. HR.**
An in-depth analysis of the United States social history from the Colonial period to the present period is examined. Particular attention is given to those nineteenth century

social reform movements, as well as the broader institutional-corporate and governmental, cultural and intellectual forces, which have shaped twentieth century America.

Hy 301 THE TWENTIETH CENTURY **3 CR. HR.**
This course is a global history of the modern world: the world of the present century. It will benefit students of International Trade and Foreign Commerce, and those generally interested in contemporary history. *Prerequisite: Eh 112; Ge 111 and Sy 222 Strongly Recommended*

Hy 321 UNITED STATES MILITARY HISTORY **3 CR. HR.**
This course instructs the student in our evolving military history. The student will study the impact on the military caused by social beliefs, commerce and finance, politics, the media, population, agriculture and the progress of industry and technology. Also, the student shall consider diplomacy, conferences, treaties and cultural circumstances as cause and result of military undertaking.

Hy 341 INTERNATIONAL RELATIONS **3 CR. HR.**
The course presents an analysis of current problems of global or international nature. Emphasis is placed on such issues as colonialism versus self-determination; power and morality in international politics; militarism versus world peace. The structure and operation of international agencies and alliances are also discussed.

Hy 421 DEVELOP. OF AMERICAN BUSINESS IN THE 20TH CENTURY **3 CR. HR.**
The course presents a history of the American economy from the nation's early beginning to the twentieth century. Emphasis is placed upon the development of the country's emerging economy, industrial transformation and the appeal for governmental intervention. Particular attention is also given to the role of capitalism, the modern corporation and government-business regulations in the twentieth century. *Prerequisite: Hy 111 or 112 or Permission*

Hy 499 SPECIAL TOPICS IN HISTORY **3 CR. HR.**
A course of variable content depending on the interest of students and faculty.

Is 455 INDEPENDENT STUDY **3 CR. HR.**
This independent study offers an upperclass student the opportunity to present one or more small projects for analysis. The course may consist of seminars, individualized instruction, and/or research related to a specific area of specialization. *Prerequisite: Approval by Division Chair*

Lf 111 FRENCH I **3 CR. HR.**
The course makes extensive use of audio taped dialogues, written and taped exercises, and practice, variations, and applications of what was learned.

Ls 111 SPANISH I **3 CR. HR.**
This course introduces elements of basic Spanish grammar and vocabulary by means of reading, writing, listening and speaking.

Ls 112 SPANISH II **3 CR. HR.**
This course is a continuation of the elements of basic Spanish grammar covered in the introductory class, and progresses toward the development of simple conversational skills. *Prerequisite: Ls 111 or Permission*

Mi 111 INTRODUCTION TO MICROCOMPUTING **3 CR. HR.**
The elements of hardware, software and the uses of the microcomputer in today's society. Hands-on experience includes word processing, spreadsheet, database management, and presentation software.

Mi 122 VISUAL BASIC **3 CR. HR.**
Emphasis is placed on the design and implementation of a complete business system using the Visual Basic programming language. Topics include file structures, screen design, updating files, menus, and external and internal management information reporting in the Windows® environment. *Prerequisite: Mi 111*

Mi 214 MICROCOMPUTER SPREADSHEETS APPLICATIONS **3 CR. HR.**
This course covers microcomputer spreadsheet software. Topics include: functions, decision making, macros, custom menus, importing and exporting.

Mi 221 COBOL I **3 CR. HR.**
Emphasis is placed on the application of top-down strategies and structured programming techniques to produce management reports. Coverage includes language syntax, data and file structures, input and output, computations, report generation, table processing and control breaks. *Prerequisite: Mi 111*

Mi 226 WEB APPLICATIONS **3 CR. HR.**
Students construct web pages using Hypertext Markup Language (HTML) and JavaScript. Emphasis is on object-oriented thinking and hands on work. Internet technologies including TCP/IP protocols, client/server programming, and security are also discussed. *Prerequisite Mi 111*

Mi 262 VISUAL BASIC APPLICATIONS **3 CR. HR.**
This course applies the principles covered in Mi 122 Visual Basic. A complete system is created. Payroll, accounts receivable, accounts payable or employee records are typical systems used. *Prerequisite: Mi 122*

Mi 299 FUNDAMENTAL TOPICS/INFORMATION TECHNOLOGY **3 CR. HR.**
This course is of variable content with selected topics presented to provide prerequisites for specifically identified additional coursework in CIS. The course emphasizes independent investigation and the fundamental principles of computing and information technology. *No prerequisites.*

Mi 321 SYSTEMS ANALYSIS AND DESIGN **3 CR. HR.**
Methodology for the investigation, analysis and general design, detailed design, and implementation of management information systems is covered. Comprehensive case studies are included to illustrate the phases of CIS project development. Tools presented for system development include data flow diagrams, system structure charts, normalization and program specifications. *Prerequisite: Mi 122 or 221*

Mi 322 DECISION SUPPORT AND EXPERT SYSTEMS **3 CR. HR.**
These systems are designed to synthesize what is known about the business application and to make that knowledge available to and effective in the hands of working decision-makers. Topics covered include artificial intelligence, natural language systems, expressing rules, and dealing with uncertainty. Expert system development software is used. *Prerequisite: Mi 111*

Mi 331 THEORY AND PRACTICE OF NETWORKING **3 CR. HR.**
This course covers the different types of networking topologies: client-server, peer-to-peer, and network administration. Practical aspects include setting up a network, hardware maintenance, and hands-on experience.

Mi 351-354 INFORMATION SYSTEMS INTERNSHIP **3-12 CR. HR.**
Cooperative Education is a College-supervised work experience course with participating employers in business and nonprofit organizations that provide a practical application of classroom theory. *Prerequisite: Junior or Senior Status*

Mi 411 DATABASE DESIGN **3 CR. HR.**
The design of a database as part of the CIS development process is covered in detail. The theory and practical application of both relational and network databases is included. Normalization and SQL are also covered in detail. *Prerequisite: Mi 122 or Mi 221*

Mi 421 PROJECT MANAGEMENT TECHNIQUES **3 CR. HR.**
Projects are undertakings, which must be completed within cost, schedule and quality constraints. This course provides the student with practical methodology for planning and managing large or small projects effectively. Software such as Microsoft Project for Windows® is used. *Prerequisites: Mi 111 and Ms 132*

Mi 422 INFORMATION SYSTEMS PROJECT DEVELOPMENT **3 CR. HR.**
A comprehensive project in CIS is undertaken. The team approach is used to plan, manage and implement a realistic CIS project of moderate complexity. *Prerequisites: Mi 321 and 411*

Mi 499 SPECIAL TOPICS IN CIS **1-3 CR. HR.**
This is a course of variable content. Faculty and students prepare a special topic of timely interest in the area of management information systems. The course may consist of seminars, individualized instruction and/or research related to a specific area of specialization. *Prerequisite: By Permission*

Ms 091 FUNDAMENTAL SKILLS FOR COLLEGE MATHMATICS **3 CR. HR.**
This course is intended to prepare students having minimal mathematical backgrounds for college algebra and other quantitatively oriented courses. The emphasis is on building basic analytic reasoning skills. The course content includes numerical and algebraic expressions, solution of first degree equations, strategies for solving work problems, and the graphing of linear functions. Placement is determined by diagnostic testing. This course does not count towards a degree.

Ms 111 ALGEBRA **3 CR. HR.**
The goal of this course is to build a solid foundation in algebraic methods and techniques to serve as a basis for further study. Directed toward students having minimal prior

training in mathematics, the course of study begins with basic principles and progresses through the study of quadratic equations, graphing and the solution of systems of linear equations. Although designed for the beginning student, this course may also serve as a terminal course for those students desiring mainly to increase their confidence and proficiency in applying basic algebraic problem-solving concepts and techniques. Placement is by diagnostic testing.

Ms 131 SYMBOLIC LOGIC AND PROBLEM SOLVING **3 CR. HR.**
This course is designed to develop logical thought processes and to lead to critical forms of reading and thinking. Topics include statement forms and types of statement connectives. Techniques of problem solving are taught.

Ms 132 INTRODUCTION TO PROBABILITY AND STATISTICS **3 CR. HR.**
This course is an introduction to the theory and application of probability and statistical analysis. Both descriptive and inferential techniques will be studied, with emphasis placed on statistical sampling and hypothesis testing. Also considered will be linear regression, contingency table analysis, and decision-making under uncertainty. *Prerequisite: Ms 111, Ms 131, or Ms 242*

Ms 232 FINITE MATHEMATICS **3 CR. HR.**
This course continues the algebraic development of linear and nonlinear equations and inequalities. Topics include math of finance, analytic geometry, linear systems of equations and inequalities, matrix theory, and linear programming. This course is intended for those students who have taken Ms 111. *Prerequisites: Ms 111, Ms 131 or Ms 242*

Ms 242 COLLEGE ALGEBRA **3 CR. HR.**
This course is designed to prepare the students for further study through in-depth examination of selected portions of College Algebra. Topics studied will include equations and inequalities, functions and graphs, polynomial and rational functions, exponential and logarithmic functions and additional topics as appropriate. This course assumes a strong high school background in algebra. Admission is by diagnostic testing or program placement. *Prerequisite: Admission by Diagnostic Testing or Permission*

Ms 243 TRIGONOMETRY **1 CR. HR.**
This course is intended to round out the student's knowledge of basic mathematics through the study of trigonometry and its applications to solving triangles. Topics include trigonometric functions, radian measure, identities, law of sines, law of cosines, polar coordinates and complex numbers. *Prerequisite: Ms 242*

Ms 331 CALCULUS **3 CR. HR.**
This course is an introduction to the theory and application of the calculus of a single independent variable. Following a brief discussion of selected topics in algebra and analytic geometry, the methodology of differential calculus will be stressed, and the use of differential calculus in the description of continuous analytic functions will be emphasized. Finally, the role of antidifferentiation, and the concept of the integral will be introduced. Throughout the theoretical development, numerous applications to the natural, social, and management sciences will be considered. *Prerequisite: Ms 242 or Permission*

Ms 332 APPLIED STATISTICS **3 CR. HR.**
This course continues the development of statistical analysis begun in Ms 132. Following a brief review of the elementary ideas of descriptive and inferential statistics, a variety of intermediate-level topics and procedures will be studied, including analysis using the chi-square distribution, regression and correlation analysis, analysis of variation, time series analysis, decision theory, and others. *Prerequisite: Ms 132*

Ms 345 BIOSTATISTICS **3 CR. HR.**
Biostatistics encompasses the application and use of statistical procedures for the purposes of obtaining a better understanding of variations in data and information on living systems. Students will become familiar with one, or more, statistical software packages which will have descriptive and analytic statistical capabilities as well as report writing capacity. This course will instruct students on how to use and interpret data and information through the application of the principles of statistical inference. Specific diseases and public health issues will be used as examples to illustrate the application and use of biostatistical principles. *Prerequisite: Ms 132*

Ms 499 TOPICS IN MATHEMATICS **1-3 CR. HR.**
This is a course of variable content that will give upper division students the opportunity to study special topics not included as a regular part of the curriculum. Particular offerings will be developed jointly by the mathematics faculty and interested students, and might include areas such as multivariate calculus, history of mathematics, linear algebra, group theory, and others. Junior/Senior standing and a strong quantitative background is assumed. *Prerequisite: By Permission*

Nu 100 PROFESSIONAL CONCEPTS IN NURSING **3 CR. HR.**
The major focus of this course is on preparing the student to succeed in the rigorous nursing curriculum. Included within this focus are the essence of baccalaureate nursing and the curriculum design. Also included are discussions aimed to enhance student success, including self assessment and identification of learning styles. The major concepts and subconcepts of this nursing course will provide a framework for the individual's program of study. The concepts include, but are not limited to, critical thinking, the nursing process, teaching and learning.

Nu 306 HEALTH PROMOTION ACROSS THE LIFESPAN **5 CR. HR.**
The focus of the course is health promotion and disease prevention across the life span. Theoretical and conceptual models and related research provide a basis for understanding individuals in the context of families and community. Family nursing theory and community theory are stressed. This course facilitates students' integration of knowledge gained from science, humanities, and social sciences courses, and nursing knowledge acquired in Nu 100. *Prerequisite: Junior Nursing Status*

Nu 308 HEALTH ASSESSMENT **4 CR. HR.**
The emphasis of this course is on the nursing assessment of the healthy adult. The student will learn to gather subjective and objective data about a client's health status and to perform a systematic physical assessment. The clinical laboratory setting will be utilized to practice the techniques of assessment and the identification of normal findings. *Prerequisites: Sc/SI 122*

Nu 310 WELLNESS:TRANSCULTURAL PERSPECTIVES **3 CR. HR.**
This course provides students with a practical guide for adapting to life in our complex society. Offered by the School of Nursing, this upper level elective is open to both nursing and non-nursing students. The course provides an understanding of the three requirements for healthy living from a transcultural perspective; meditation, movement and food as energy. Appropriate comparisons will be made between both western and non-western attitudes towards wellness. Experiential learning techniques will be used to increase student awareness. *Prerequisite: Junior or Senior Nursing Status*

Nu 311 NURSING INTERVENTIONS I **3 CR. HR.**
The central theme of this course is basic nursing interventions utilized throughout the life span. Utilizing a variety of resources, learners demonstrate beginning competence in basic assessment skills and therapeutic communications. As an outcome of this course learners' personal and professional development will be enhanced. The learning environment includes the college laboratory and hospital settings. This course includes medication calculations and administration techniques.

Nu 312 NURSING INTERVENTIONS II **3 CR. HR.**
The central theme of this course is the application of complex nursing interventions utilized throughout the life span. Utilizing a variety of resources, learners demonstrate competence in application of the nursing process in the implementation of complex nursing interventions. As an outcome of this course learners' personal and professional development will continue to be enhanced. The learning environment includes the college laboratory and hospital settings. This course includes, but it not limited to, parenteral medication administration techniques and surgical asepsis.

Nu 314 PHARMACOLOGY **3 CR. HR.**
This course builds upon students' knowledge of anatomy, physiology, chemistry and the nursing process. It is designed to provide the knowledge required for the safe administration of drugs and teaching with patients across the life span. Actions, therapeutic uses, interactions and side effects of major drug classifications, as well as nursing responsibilities related to drug administration to patients across the life span are examined. *Prerequisite: Junior Nursing Status*

Nu 320 NURSING RESEARCH **3 CR. HR.**
This course is the second in a two course series and builds on the content in Research I. Students will broaden their knowledge of nursing research and application to evidence based practice. As a demonstration of increased knowledge the student will develop a research proposal. *Prerequisite: Nu 318*

Nu 322 ADULT/FAMILY HEALTH I **5 CR. HR.**
This course facilitates students' integration of knowledge gained from previous courses. Theoretical and conceptual models and related research provide the foundation for expanding health assessment and clinical practice skills. Analytical and experiential learning activities are provided which encourage active participation in demonstrating decision-making skills and judgment in meeting the health care needs of clients/family. Students will utilize community resources in assisting patients to promote wellbeing and prevent complications from illnesses and disease. *Prerequisites: Nu 306, 308, 311, 314 and 318*

Nu 324 CHILDBEARING **4 CR. HR.**
The focus of this course is the childbearing family. Concepts related to prepregnancy issues, pregnancy, the fetus/newborn, and the post delivery family are presented. Physiologic, social, and cultural issues, as they relate to the childbearing family, are included. Clinical experiences occur in a variety of settings, including inpatient, educational, and community settings. *Prerequisite: Junior Nursing Status*

Nu 410 BIOETHICS **3 CR. HR.**
The major focus of this course is to develop the learner's critical thinking skills and ability to identify ethical issues. The learner is provided tools to enable them to recognize ethical dilemmas, become aware of both the bias of their own position and that of others, and to follow and engage in moral debate. It is the expectation that upon completion of the course, learners will practice in a manner consistent with the ethical traditions in their discipline and be capable of serving as a resource to educate and advise those persons who are facing complex and difficult ethical decisions.

Nu 411 TRANSCULTURAL NURSING **3 CR. HR.**
Through seminars and travel, the student participates in providing health care to individuals in other cultures. *Prerequisite: RN or Senior Nursing Status or Permission*

Nu 412 COMMUNITY HEALTH **4 CR. HR.**
This course builds upon the student's broad base of knowledge in the natural and social sciences, humanities, and previous nursing content. Attention is directed toward assessment of biopsychosocial stressors of the individual, family, group, and community and their adaptation to changes in the environment. *Prerequisite: Senior Nursing Status*

Nu 414 CHILD HEALTH **4 CR. HR.**
This course addresses the care of ill children and their families. Adaptation theory will be used as the theoretical framework for nursing assessments, interventions, and evaluations. The nursing process is applied relative to this population. This course encompasses diagnostic and therapeutic techniques. Clinical opportunities are provided in the acute care setting. *Prerequisite: Senior Nursing Status*

Nu 416 HEALTH POLICY **3 CR. HR.**
This course is designed to provide the undergraduate student with an opportunity to reflect on the value and importance of the political process and its impact on health care. The student will develop a greater awareness of public policy issues and how the political process works at the local, state, and national levels. The role of the nurse in the legislative and regulatory processes and in policy development will be explored. The student will examine his or her personal and political philosophy as well as a framework for ethical analysis in policy development. Political concepts will be utilized to explore and debate current legislative and policy issues. *Prerequisite: Senior Nursing Status*

Nu 418 ADULT FAMILY HEALTH II **5 CR. HR.**
This course continues the content related to the effects of acute and chronic illness/disease on body systems, and expands students' knowledge from previous learning experiences. In addition, it is designed to integrate and synthesize multisystem failure and examine nursing care in the context of socio-cultural, political and economic systems. Analytical and experiential learning activities enhance the students' abilities for

clinical decision-making, judgment, and management strategies to meet the health care needs of clients/family. *Perquisite: Senior Nursing Status*

Nu 422 COMMUNITY MENTAL HEALTH **4 CR. HR.**
This course focuses on behaviors that occur when individuals, families, and groups in the community are unable to cope effectively with acute and chronic biopsychosocial and cultural stressors. Relevant theories and theoretical formulations are used in order to promote an understanding of individual, family, group, and community dynamics. Within the framework of the nursing process, self-knowledge and intervention skills are developed which allow the student to assist individuals, families, and groups in their adaptation to internal and external stressors. *Prerequisite: Senior Nursing Status*

Nu 424 SENIOR PRACTICUM **6 CR. HR.**
This course is the last in a sequence of adult health. It is designed to integrate and expand previous learning, clinical and leadership experiences of the student. Students will participate in scenarios that require them to critically analyze and apply research, theories and educational models of teaching learning processes. Clinical practice provides the opportunity to synthesize knowledge and demonstrate diagnostic reasoning, critical decision-making and delegation. Engaged ethical and clinical reasoning occurs with student's involvement in the management of adult, family, and groups in complex clinical health care situations with expert nurse partners and faculty. This partnership creates a way to understand and guide analytical and experiential learning. These clinical partnerships take place in a variety of clinical settings. *Prerequisite: Senior Nursing Status*

Nu 432 CARING, SPIRITUALITY, AND CULTURE **3 CR. HR.**
This course is designed to provide the undergraduate nursing student with a working knowledge of how the concepts of caring, culture and spirituality influence health status and health related behaviors. The focus of the course is to explore these concepts, their meanings and implications, and to utilize the concepts when providing or planning holistic nursing care for diverse clients, families, groups, and communities. *Prerequisites: junior or senior level status in the nursing program or permission of the instructor.*

Nu 434 ADVANCED TOPICS IN ADULT HEALTH **3 CR. HR.**
This nursing elective allows the student to utilize current nursing literature and research to explore complex clinical care situations relating to adult health. Development of case studies based upon chart review and literature review will be used to allow students to further develop critical thinking skills and clinical judgment in regards to a variety of health topics selected by students for further knowledge development. Integrated into case studies will be concepts of ethical decision-making, legal aspects, patient advocacy, patient teaching, family theory, advanced practice concepts, and multidisciplinary care, in addition to concepts from pharmacology, pathophysiology, and other foundational courses. The role of the professional nurse with advanced clinical expertise, as evidenced by certification in specialty areas will be explored. *Prerequisite: junior level status within the nursing program.*

Nu 436 ADVANCED TOPICS IN PHARMACOLOGY **3 CR. HR.**
This course builds upon students' knowledge from undergraduate pharmacology courses in addition to anatomy and physiology, pathophysiology, chemistry, and the nursing process. It is designed to allow the RN or senior nursing student the opportunity to study

topics in pharmacology that the student identifies as being of interest or importance to his/her practice. Students will utilize a variety of teaching methods to share with classmates information and application of content they have researched. A variety of learning techniques will be explored in professional and patient education relating to pharmacology. *Prerequisites: Nu 314 and 316*

Nu 440 NURSING INTERNSHIP **3 CR. HR.**
This senior nursing elective affords the learner an opportunity to apply theory in the care of clients primarily to rural health care delivery systems. Learners become more responsive to the health care needs of rural Maine's diverse cultural populations. Through an increased opportunity to apply theory to practice, learners are assisted in their transition to the role of professional nurse. *Prerequisite: Senior Nursing Status*

Nu 450 ISSUES IN WOMEN'S HEALTH **3 CR. HR.**
This nursing elective offers the student an opportunity to explore health issues that are unique to women or affect women differently than men. Sociocultural, political, economic, environmental and personal factors that affect those issues will be integrated into class discussion. Topics will include health maintenance strategies, AIDS/STDs, Premenstrual Syndrome (PMS), reproductive choice, violence against women and other current issues. This course is offered to any student who is interested in increasing his/her understanding of these women's health issues. *Prerequisite: RN or Senior Nursing Status*

Nu 470 HOSPICE AND PALLIATIVE CARE **3 CR. HR.**
The improvement of psychosocial care of patients with terminal illness has been a major advance in modern health care. This course examines the concepts of hospice and palliative care. Historical and current traditions of society will be examined with an evaluation of public policy issues. The framework is the continuum of care with special emphasis on holistic care of the client.

Nu 480 COMMUNITY HEALTH AND HEALTH PROMOTION **5 CR. HR.**
This course builds upon the student's previous education and practice as a Registered Nurse. It focuses on health promotion and disease prevention strategies for individuals across the lifespan, families, groups and communities. Selection and application of selected theories and models, including the Roy Systems Model, Calgary Family Assessment and Intervention Models and Heivie's Community Assessment model are discussed. Principles from epidemiology, crisis intervention, and teaching/learning theories are introduced and integrated into application of the nursing process. *Prerequisite: Registered Nurse Status*

Nu 481 CLINICAL EXPLORATION **4 CR. HR.**
This clinically-focused course provides opportunities for the evaluation and achievement of competencies, knowledge and role-development inherent in the role of the baccalaureate-prepared professional nurse, as presented in the AACN essentials of baccalaureate Education (1998). Registered Nurse students will assess their personal level of achievement and will develop, under faculty guidance, an individualized plan for a preceptored clinical experience designed to increase competency, knowledge and role-development. *Prerequisite: Registered Nurse Status*

Nu 482 LEADERSHIP SEMINAR **5 CR. HR.**
The role of the Baccalaureate-prepared professional nurse is examined n detail during this capstone course. Concepts and theories related to role, change, communication, leadership and management are explored and discussed. Students examine the role of nursing leaders and managers within the context of culture, change, decision-making power, politics and economics within a seminar format. *Prerequisites: Registered Nurse status, Nu 480, Nu 481*

Nu 499 SPECIAL TOPICS IN NURSING **1-3 CR. HR.**
Selected topics in nursing are considered. The course enhances students' knowledge of professional nursing, building upon previous knowledge of the nursing and research processes. Emphasis is placed on increasing awareness of current professional issues in nursing. *Prerequisite: RN or Senior Nursing Status*

Ot 100 INTRODUCTION TO OCCUPATIONAL THERAPY **1 CR. HR.**
Students will be introduced to: the profession of occupational therapy; experiences of disability by people with disabilities; and computers. Students will utilize various media such as on-line searches, on-line chat room discussions, and small group seminars.

Ot 101 OCCUPATIONAL THERAPY SEMINAR I **1 CR. HR.**
This course will utilize an on-line and seminar format to provide a survey of various aspects of occupational therapy. Students will demonstrate, differentiate, and apply the principles of occupational therapy. Students will also learn the cultural conditions of occupational therapy as they apply to USA, Canadian, Finnish, Swedish, and New Zealand cultures. *Prerequisite: By Permission*

Ot 160 SERVICE LEARNING I **1 CR. HR.**
This course will provide students with a service learning experience consistent with the aims of the occupational therapy program. *Prerequisite: By Permission*

Ot 201 SOCIAL ISSUES IN OCCUPATIONAL THERAPY **3 CR. HR.**
This course will provide students with an overview of social issues that influence occupational therapy practice from a health perspective. Students will be given an opportunity to explore the relationship between socio-cultural forces and institutions and the practice of occupational therapy within the context of these forces. *Prerequisites: Ot 101*

Ot 260 SERVICE LEARNING II **3 CR. HR.**
This course will provide students with a service learning experience consistent with the aims of the occupational therapy program. *Prerequisite: By Permission*

Ot 261 SERVICE LEARNING III **3 CR. HR.**
This course will provide students learning experiences based in service learning projects. Concepts of service learning, community assessment and community leadership will be applied. Students will be involved in mentoring first year students in the service-learning model as it is applied in the OT curriculum. *Prerequisite: Ot 160*

Ot 270 INTRODUCTION TO RESEARCH IN OCCUPATIONAL THERAPY **3 CR. HR.**
Students will be introduced to research literature, its applicability to occupational therapy and evidence-based practice, and the skills necessary to conduct a literature review.

Ot 271 RESEARCH SEMINAR IN OCCUPATIONAL THERAPY **2 CR. HR.**
Students will discuss various aspects of research as they pertain to developing a research proposal and carrying out a research project. *Prerequisite: Ot 270*

Ot 310 HUMAN LIFE CYCLE **3 CR. HR.**
This course will provide students with the opportunity to describe, explain, and demonstrate knowledge of life span development in the context of occupation. *Prerequisites: Py 241, 332 & Ot 101*

Ot 320 OCCUPATIONAL ANALYSIS **3 CR. HR.**
This course will provide students with the opportunity to learn the concepts of occupational analysis that underlie the practice of occupational therapy. Occupations are appreciated for their cultural and developmental significance. Students will develop skills in the use of occupations and occupational analysis. *Prerequisites: Ot 100, 101*

Ot 321 THEORETICAL FOUNDATIONS OF OCCUPATIONAL THERAPY **3 CR. HR.**
In this course, students will be introduced to the history, philosophy and theoretical underpinnings of occupational therapy. *Prerequisites: Ot 100, 101*

Ot 322 PROFESSIONAL FOUNDATIONS OF OCCUPATIONAL THERAPY **3 CR. HR.**
The course will provide students with the opportunity to apply and value: the core values of the profession; the AOTA code of ethics; the theoretical base of OT; the culture of health and medicine (especially the language); the state licensing act; the scope of practice. *Prerequisite: Ot 201*

Ot 323 ASSESSMENT, EVALUATION, AND OCCUPATIONAL ANALYSIS **3 CR. HR.**
Students will be introduced to the assessment and evaluation processes that form the foundation of occupational therapy practice. The purpose of this course is to provide students with the opportunity to investigate and use the assessments that occupational therapists use in practice. Students will be introduced to the theory that underlies evaluation and assessment of OT practice. Standardized and no-standardized assessment tools typical of OT practice will be studied and utilized. Students will begin to use the data collected through assessment tools to generate evaluations relevant to OT practice.

Ot 330 FUNCTIONAL ANATOMY **4 CR. HR.**
This course will provide students with the opportunity to review, conceptualize, reconstruct, and arrange conceptualizations of the musculo-skeletal system and relevant components of the nervous and vascular systems. *Prerequisites: Sc/SL 121, Sc/SL 122 & Ot 101*

Ot 331 NEUROSCIENCE **3 CR. HR.**
Students will be introduced to the basic human neurological system in order to understand the basic anatomy, physiology, and functions of its major components. They will have the foundation to develop the ability to understand and evaluate both normal and abnormal neurological function. *Prerequisite: Instructor Permission*

Ot 340 PSYCHOSOCIAL ASPECTS OF OCCUPATIONAL THERAPY 4 CR. HR.
Students will investigate mental health diagnoses presented in a variety of mental health classifications. They will also be provided with theoretical and practical foundations of psychosocial aspects of Occupational Therapy. The course will focus on the continuum of health and illness with an emphasis on psychosocial barriers to occupational performance. *Prerequisite: Instructor's Permission*

Ot 350 OCCUPATIONAL ADAPTATIONS I 4 CR. HR.
This course will provide students with the opportunity to apply occupational therapy principles of practice to selected persons who have experienced diseases and illnesses. Students will demonstrate an understanding of a variety of acute and chronic diseases that affect occupational performance. They will investigate and apply occupational therapy interventions which restore or promote occupational performance. *Prerequisite: Instructor's Permission*

Ot 360 LEVEL I FIELDWORK A 1 CR. HR.
In this level I Fieldwork, students will apply the concepts that they learn in the Fall semester of their third year. The overarching theme of the semester is to begin to understand occupation across the life span as a foundation of practice. Additionally, students will begin to develop skill in the area of occupational analysis as a tool of practice by working in a variety of settings. *Prerequisites: Ot 101 and 201*

Ot 361 LEVEL I FIELDWORK B 1 CR. HR.
Students will apply and integrate the didactic concepts that they learn in the spring semester of their third year. The overarching theme of the semester is for students to begin to demonstrate and apply knowledge and skills in occupational theory, occupational analysis, and the OT process in order to address occupational disruption in a variety of settings. Additionally, students will begin to apply knowledge of biopsychosocial concepts in order to describe occupational disruption and facilitate occupational health and wellness. *Prerequisite: Instructor's permission*

Ot 410 PEDIATRICS 3 CR. HR.
This course will provide students with the opportunity to recognize and understand pediatric conditions and will provide them with further opportunity to design, revise, and demonstrate OT strategies for assessment, screening, intervention, and termination of services. *Prerequisite: Instructor's Permission*

Ot 420 PREVENTION AND WELLNESS IN OCCUPATIONAL THERAPY 3 CR. HR.
This course will provide students with the opportunity to describe, demonstrate and apply principles of health promotion, wellness and prevention of occupational disruption with individuals and communities in order to facilitate occupational engagement that supports active participation and quality of life in everyday activities. *Prerequisite: Seniors only*

Ot 441 GROUP PROCESS AND INTERPERSONAL SKILLS 3 CR. HR.
This course will provide students with the opportunity to recognize, evaluate, and illustrate group interaction roles and interpersonal skills in clinical and non-clinical settings. *Prerequisite: Instructor's Permission*

Ot 450 OCCUPATONAL ADAPTATIONS II **4 CR. HR.**
This course will provide students with the opportunity to recognize, create, modify, and organize OT practice strategies for selected physical diseases and illnesses, which may interfere with occupational performance. They will investigate and apply occupational therapy interventions which restore or promote occupational performance. *Prerequisite: Instructor's Permission*

Ot 460 LEVEL I FIELDWORK C **1 CR. HR.**
In this Level 1 Fieldwork course, students will apply and integrate the didactic concepts that they learn in the fall semester of their fourth year. The theme of the semester is for students to demonstrate and apply knowledge and skill in the OT process in working with individuals or groups in order to improve occupational performance. *Prerequisite: Instructor's Permission*

Ot 461 LEVEL I FIELDWORK D **1 CR. HR.**
In this Level I Fieldwork course, students will apply and integrate the didactic concepts that they learn in the spring semester of their fourth year. The overarching theme of the semester is for students to demonstrate and apply knowledge and skills in the OT process with individuals and groups in order to promote wellness and health.

Ot 470 RESEARCH METHODS **2 CR. HR.**
This course will provide students with the opportunity to construct and justify research methods for current and future research projects. *Prerequisite: Instructor's Permission*

Ot 471 RESEARCH WRITING I **3 CR. HR.**
In this course students will investigate, study and apply research-writing skills to the development of the research project report. *Prerequisite: Instructor's Permission*

Ot 499 SPECIAL TOPICS IN OCCUPATIONAL THERAPY **1-3 CR. HR.**
This course of variable content will provide students with the opportunity to explore selected topics in occupational therapy under the guidance of occupational therapy faculty. *Departmental permission is required.*

Ot 550 INTRODUCTION TO ASSISTIVE TECHNOLOGY **3 CR. HR.**
This course provides an introduction to a wide range of assistive technology (AT) used by persons with disabilities . Students will begin to identify social and environmental barriers to inclusion of people with disabilities in their communities and begin to identify strategies to transform these barriers into facilitators.

Ot 560 LEVEL I FIELDWORK E **1 CR. HR.**
In this course, students will apply and integrate the didactic concepts they learn in the fall semester of their fifth year. The overarching theme of the semester is for students to demonstrate and apply knowledge and skills in the OT process with individuals and groups in order to promote wellness and health. Additionally issues related to transition to practice are explored and applied in seminars and fieldwork settings. *Prerequisite: Seniors Only*

Ot 561 LEVEL II FIELDWORK A **6 CR. HR.**
The goal of Level II Fieldwork is to develop competent, entry-level, generalist occupational therapists under the supervision of a qualified occupational therapist. In this first Level II

fieldwork course, students will have the opportunity to integrate classroom, service-learning, laboratory, and fieldwork knowledge and skills while applying the OT process in an in-depth occupational therapy service provision experience. *Prerequisite: Seniors only*

Ot 562 LEVEL II FIELDWORK IIB **6 CR. HR.**
The goal of Level II Fieldwork is to develop competent, entry-level, generalist occupational therapists under the supervision of a qualified occupational therapist. In this second Level II fieldwork course students will have the opportunity to further integrate classroom, service learning, laboratory and fieldwork knowledge and skills while applying and analyzing the OT process in an in-depth occupational therapy provision experience. *Prerequisite: Seniors only*

Ot 570 RESEARCH WRITING II **3 CR. HR.**
In this course, students will explain, study and apply research-writing skills to the development of the research project report. *Prerequisite: Seniors only*

Ot 571 RESEARCH SEMINAR **1 CR. HR.**
In this course, students will discuss various applications of research including evidence-based practice, presentations, publication, grant proposal and on going professional development. For their final activity in the course, students will develop, organize, implement and evaluate a research seminar of occupational therapy research based on student research projects and will be open to the clinical and general community in the region. *Prerequisite: Seniors only*

Ot 599 SPECIAL TOPICS ON OCCUPATIONAL THERAPY **4 CR. HR.**
This course of variable content will provide students with the opportunity to explore selected topics in occupational therapy under the guidance of occupational therapy faculty. *Prerequisite: Seniors only*

Pe 222 PERSONAL HEALTH AND FITNESS **3 CR. HR.**
This course is designed to introduce the student to the core of competencies he or she will want to instill in K-12 students in the area of personal health, fitness, and wellness. These include a commitment to self for behavior, and appreciation of positive or negative consequences from lifestyle choices. The course will provide the student with the knowledge base to organize and teach wellness, fitness, and personal health. Teacher preparation students will be expected to incorporate these areas into their curriculum design and individual lesson plans as described in the State of Maine Learning Results.

Pe 241 HISTORY & PHILOSOPHY OF PHYSICAL EDUCATION **3 CR. HR.**
This course is an introduction to the philosophical and historical implications, and the principles serving as the foundation of modern health, physical education, and recreation.

Ph 201 INTRODUCTION TO PHILOSOPHY **3 CR. HR.**
This course is designed to confront students with perennial human questions about existence, meaning, knowledge, conduct and value, and to acquaint them with selected perspectives on these questions provided by the Western philosophical tradition. A wide range of philosophers, representing many different modes of philosophical inquiry, will be examined. Problems in the contemporary world will provide starting points for the exploration of philosophical theory.

Ph 301 ETHICS **3 CR. HR.**
This course reviews the important traditional and contemporary ethical positions, with emphasis on relating morality to life in the world today.

Ph 302 BUSINESS ETHICS **3 CR. HR.**
This course is designed to raise a moral consciousness and sensitivity within the various disciplines of the business curriculum. The disciplines focused on here are business, accounting, marketing, multinational corporations, and those areas of human resource management inclusive of diversity in the workplace within the context of environmental and social responsibility.

Ph 499 SPECIAL TOPICS IN PHILOSOPHY **3 CR. HR.**
This is a course of variable content depending on the interests of students and faculty.

Pl 100 INTRODUCTION TO PARALEGAL **3 CR. HR.**
This course is designed to educate students in the American legal system focusing on the origins and history of the American legal system, the meaning and application of important legal terminology, and attorney and paralegal ethics.

Pl 200 CRIMINAL LAW **3 CR. HR.**
The substantive goal of this course is to cover the basic principles of criminal law, including the common law of crimes as well as the Maine Criminal Code and the Model Penal Code. The methodological role of the course is that of statutory construction - the techniques of applying legislative enactments to varying fact situations in light of text, history, purpose and structural context. All of this will proceed with the underlying assumption that it is always necessary to judge rules of law according to their effectiveness and desirability.

This course examines the basic concept and procedures of criminal law, principles of criminal liability, physical and mental elements of a crime, common law and statutory defenses, capacity, justification, parties to offences, and specific offences. *Prerequisite: Ba 201*

Pl 201 REAL ESTATE LAW **3 CR. HR.**
This course presents a systematic study of the basic principles of real property law through explanation, discussion and problem-solving techniques. The course provides a decision-oriented approach to legal concepts, featuring student completion of a complete abstract of title at the Penobscot County Registry of Deeds; real estate forms; and comprehension of relevant Maine statutes.

Pl 203 CIVIL LITIGATION **3 CR. HR.**
A survey of civil litigation issues covering the concepts and procedural rules designed to proceed from the initial client interview through trial. The student will gain a basic understanding of federal and Maine procedural rules and substantive law. In addition, the student will learn about the following: types of litigation, negligence cases, collection cases, commercial litigation, preparation of pleadings, discovery and settlements. *Prerequisite: Ba 201*

PI 204 INTRODUCTION TO WILLS, ESTATES AND TRUSTS **3 CR. HR.**
This course examines the general theory and procedures, legal and administrative, employed in the preparation and handling of wills, trusts, and estates. This course will prepare students to understand the basic concepts in the field and be able to apply these concepts to perform the tasks of a probate paralegal.

PI 205 LEGAL RESEARCH AND WRITING **3 CR. HR.**
This course introduces manual legal research including understanding legal citations, primary and secondary authorities, federal and state reporters, shepardizing, and other research tools. Use of the Penobscot County Law Library is mandatory. Finally, students will explore the basic of legal writing including legal correspondence and legal memoranda. *Prerequisite: Hy 211 or Permission*

PI 210/498 PARALEGAL INTERNSHIP **3 CR. HR.**
The student serves as an intern with a professional in a work setting (120 hours) that requires and develops both legal knowledge and approaches to problem identification, analysis and recommendations. It is a unique way of combining practical experience and academic credit. It also allows students to apply legal knowledge and techniques to areas and issues that interest them.

The internship work setting may be in the public or private sector. The project, which is settled by written agreement among the student, professional, and internship director, may be multidisciplinary but must have a strong law element. The student must be sufficiently motivated to seek out a placement site with some guidance from the director. *Prerequisite: All PI Courses or Permission*

PI 299 SPECIAL TOPICS IN PARALEGAL STUDIES **3 CR. HR.**
This course is designed for students who wish to pursue research in the paralegal studies field. *Prerequisite: By Permission*

PI 301 TORTS **3 CR. HR.**
Topics may vary from year to year, but will generally include a detailed treatment of defamation and privacy, and the torts relating to the intentional infliction of purely economic loss. Contemporary issues in the law of negligence (i.e. liability in negligence for purely economic loss; actions for wrongful birth and wrongful life); and new applications of the law of trespass, with implications for civil liberties and privacy; for regulating non-consensual medical procedures; and for intervening in abusive domestic relationships.

PI 302 FAMILY LAW **3 CR. HR.**
Family law covers all major subjects from marriage through divorce and from child support through child abuse and neglect. The main purpose of this course is to introduce major terms, topics, and issues.

PI 403 ADVANCED LEGAL WRITING **3 CR. HR.**
Cultivating analytical research and writing skills through problem-based learning is the aim of this course. Actual factual situations will be used to hone skills such as : identification of legal issues; research strategy and methodology formulation; use of relevant secondary sources; integration of print sources with non-print sources (electronic databases, CD-ROMs and the Internet); analyzing and synthesizing primary sources that are applicable;

critical thinking applications; and writing clearly, concisely, logically and effectively. Skill development in these areas will assist students in their academic course work and prepare them for their professional careers. *Prerequisite: PI 205*

PI 405 WORKER'S COMPENSATION **3 CR. HR.**
Study of the nature, development and exclusive nature of worker compensation and concepts. Topics include: arising out of employment, personal injury by accident, disease, employment status, specific inclusions or exemptions, benefits, employee and employer misconduct, third party action, adjective law, conflict of laws, insurance, and relation to other kinds of wage loss protection.

PI 499 SPECIAL TOPICS IN PARALEGAL **3 CR. HR.**
This is a course of variable content. Students in consultation with faculty will select topics of timely interest in the field of legal studies. *Prerequisite: By Permission*

Pt 200 INTRODUCTION TO PHYSICAL THERAPY **0 CR. HR.**
A seminar based non-credit course to introduce pre-professional students to the curriculum and profession of Physical Therapy.

Pt 300 CLINICAL EDUCATION I **4 CR. HR.**
A five or six week full-time basic physical therapy skills affiliation scheduled in the summer following the first professional (junior) year. Designed to provide the learner with competency in the beginning clinical skills of client-therapist interactions, case history development, simple musculoskeletal and functional assessments, application of simple treatment techniques and modalities, and participation in the planning and design of treatment programs.

Pt 410 ANATOMY **4 CR. HR.**
An in-depth study of gross anatomy with an emphasis on muscular, skeletal, neural, and cardiovascular structures and systems. Course content will pay particular attention to functional anatomy of the appendages and their associated girdles, the back, and the head and neck. *Prerequisite: Year 3 PT Student Status or Instructor's Permission*

Pt 411 KINESIOLOGY AND BIOMECHANICS **3 CR. HR.**
A comprehensive study of human movement with an emphasis on biomechanical and kinesiological concepts of normal and pathological movement of each body region. The course will include lecture and laboratory components that will integrate fundamental mechanical and kinesiological principles in the analysis of joint motion throughout the body. The course builds on anatomical knowledge to give students an in-depth appreciation of how normal and abnormal structure of the body influence movement. An appreciation will be gained of how human movement emerges as a property of the biomechanical and kinesiological constraints imposed by the structure and function of the body. *Prerequisite: Year 3 PT Student Status or Instructor's Permission*

Pt 412 MOTOR CONTROL AND LEARNING **3 CR. HR.**
This course comprises an intensive study of the quantitative techniques available for the analysis of human movement along with the behavioral substrates underlying such movement. Particular attention will be paid to the kinematic, kinetic, and behavioral analysis of gait and posture as they are the two most important action systems within

which other activities of daily living are nested. At the behavioral level, the theoretical approaches of information processing and dynamic systems will be contrasted. This will allow students to constructively criticize current assumptions underlying motor control for neurologic rehabilitation and discover how theoretical frameworks bias evaluation and treatment options. *Prerequisite: Year 3 Pt Student Status or Instructor's Permission*

Pt 415 THERAPEUTIC SKILLS I **2 CR. HR.**
A course designed to introduce students to the assessment and treatment techniques integral to the practice of physical therapy. This course is the first of a four-part series designed to teach the appropriate selection and use of devices and techniques that all physical therapists should be capable of using. The aim of the course is for the student to safely apply the skills learned in the course to patients during the first clinical education placement at the end of year 3. *Prerequisite: Year 3 Pt Student Status or Instructor's Permission*

Pt 416 THERAPEUTIC SKILLS II **2 CR. HR.**
A course designed to introduce students to the assessment and treatment techniques integral to the practice of physical therapy. This is the second course of a four-part series. *Prerequisite: Year 3 Pt Student Status or Instructor's Permission*

Pt 417 PHYSICAL AGENTS I **2 CR. HR.**
A course designed to introduce the students to the scientific and clinical principles involved in the use of physical agents (modalities) in patient assessment and treatment. The course focuses on thermal agents used by physical therapists to treat patients, and explores the physics, physiology, and clinical aspects of commonly used modalities. The aim of the course is for the student to understand the indications and contradictions for each modality and to safely apply the skills learned in the course to patients during the first clinical education placement at the end of year 3. *Prerequisite: Year 3 Pt Student Status or Instructor's Permission*

Pt 418 PHYSICAL AGENTS II **2 CR. HR.**
This course continues the study of the scientific and clinical principles involved in the use of physical agents (modalities) in patient assessment and treatment. This is the second part of a two part series and focuses on electrical and light agents used by physical therapists. *Prerequisite: Year 3 Pt Student Status or Instructor's Permission*

Pt 420 LIFE CYCLES I **3 CR. HR.**
The first of two courses which track the physical and psychological development of humans and its relationship to patient evaluation and treatment. This first course emphasizes the development of normal functional movement throughout the life span. *Prerequisite: Year 3 Pt Student Status or Instructor's Permission*

Pt 430 PROFESSIONALISM IN PHYSICAL THERAPY **2 CR. HR.**
This course is an introduction to the profession of physical therapy with an overview of the past, present and the emerging roles of the physical therapist. Values, ethics and the standards of practice are explored as determinants of professional behavior. Communication skills are emphasized as the foundation of effective patient interactions. *Prerequisite: Year 3 Pt Student Status or Instructor's Permission*

Pt 432 PROFESSIONAL ISSUES II **2 CR. HR.**
This course in an introduction to the profession of physical therapy with an overview of the past, present and the emerging roles of the physical therapist. Values, ethics and the standards of practice are explored as determinants of professional behavior. Communication skills are emphasized as the foundation of effective patient interactions. *Prerequisite: Instructor's consent required*

Pt 450 NEUROPHYSIOLOGY **3 CR. HR.**
A course aimed at providing students with an in-depth understanding of the neuroanatomical and neurophysiological control of human movement, language and cognition. The course will pay particular attention to the neural substrates, both sensory and motor, that contribute to the control of posture and movement. *Prerequisite: Year 3 Pt Student Status or Instructor's Permission*

Pt 500 CLINICAL PRACTICUM II **5 CR. HR.**
This ten week full-time clinical practicum is the second in a series of four clinical education experiences. Students are presented with structured opportunities to practice the basic to entry-level clinical skills learned in the classroom. Under the direction of a clinical instructor, students are expected to administer the total physical therapy management of patients with musculoskeletal disorders. Students will also gain experience at the introductory level of physical therapy management of patients with cardiorespiratory and neuromuscular disorders. *Prerequisite: Successful completion of year 4 PT professional coursework.*

Pt 501 RESEARCH METHODS I **2 CR. HR.**
This course is the first of a series of courses that will introduce students to research principles in Physical Therapy. This series of courses will give students the knowledge and skills necessary to conduct independent research projects of presentable and publishable quality. This first course will consolidate and expand upon the information presented in the Epidemiology course (SC 292) by reviewing fundamental aspects of scientific inquiry from a physical therapy perspective. Emphasis for this course will include experimental design, data analyses and ethical issues in clinical research. Throughout the course, students will be encouraged to critically review and analyze published papers and to develop their own research questions. *Prerequisite: Year 3 Pt Student Status or Instructor's Permission*

Pt 502 RESEARCH METHODS II **2 CR. HR.**
This course is the second of a series of courses that will introduce students to research principles in Physical Therapy. This course develops from the general review of clinical research presented in the first Research Methods course (PT 501) by focusing on research communication. The goal of this course is to have students develop a research proposal of sufficient quality that it might be carried out successfully in later Research Methods courses. As in the first Research Methods course, reflective thinking will be encouraged by requiring group presentations of both the existing literature and of their own research ideas. *Prerequisite: Year 3 Pt Student Status or Instructor's Permission*

Pt 505 ADVANCED HUMAN PHYSIOLOGY **3 CR. HR.**
This course provides an overview of human physiology required for the understanding of clinical conditions in patients referred for physical therapy. *Prerequisite: Year 3 Pt Student Status or Instructor's Permission*

Pt 510 NEUROMUSCULAR I **3 CR. HR.**
This course provides an introduction to the evaluation and treatment of selected pediatric and adult neurological conditions. *Prerequisite: Year 4 Pt Student Status or Instructor's Consent*

Pt 515 THERAPEUTIC SKILLS III **3 CR. HR.**
This course teaches the clinical evaluation and treatment techniques required for the practice of physical therapy, with special emphasis on orthopedic and neurologic conditions. *Prerequisite: Year 4 Pt Student Status or Instructor's Consent*

Pt 516 THERAPEUTIC SKILLS IV **3 CR. HR.**
This course teaches the clinical evaluation and treatment techniques required for the practice of physical therapy, with special emphasis on orthopedic and cardiorespiratory conditions. *Prerequisite: Year 4 Pt Student Status or Instructor's Consent*

Pt 520 LIFE CYCLES II **3 CR. HR.**
This course studies selected chronic disorders and their consequences through the lifespan, including physical and psychosocial development. *Prerequisite: Year 4 Pt Student Status or Instructor's Consent*

Pt 525 EXERCISE PHYSIOLOGY **3 CR. HR.**
This course provides an overview of how exercise alters the structure and function of the human body. *Prerequisite: Year 4 Pt Student Status or Instructor's Consent*

Pt 528 ETHICAL/LEGAL/MANAGEMENT ISSUES IN PHYSICAL THERAPY 3 CR. HR.
This course allows the student to explore in further detail the many legal and ethical issues inherent in the United States health care system. Tools, such as the APTA code of Ethics and Standards of Practice, and the Maine Practice Act for Physical Therapy, will be utilized while students resolve frequently encountered ethical and legal dilemmas through case study. *Prerequisite: Year 4 Pt Student Status or Instructor's Consent*

Pt 530 REHABILITATION OF CHRONIC CONDITIONS **3 CR. HR.**
This course studies various chronic disorders and their sequelae, including thermal, metabolic, autoimmune, malignant, traumatic, developmental, and communication disorders. Areas covered include: pathology, medical and surgical management, psychosocial issues, and the role of the physical therapist and other health care team members in patient evaluation and treatment. *Prerequisite: Year 4 Pt Student Status or Instructor's Consent*

Pt 550 MUSCULOSKELETAL I **3 CR. HR.**
This course provides an introduction to the evaluation and treatment of various orthopedic conditions focusing on peripheral conditions. *Prerequisite: Year 4 Pt Student Status or Instructor's Consent*

Pt 552 MUSCULOSKELETAL II **3 CR. HR.**
This course provides an introduction to the evaluation and treatment of various orthopedic conditions, focusing on spinal conditions and special populations. *Prerequisite: Year 4 Pt Student Status or Instructor's Consent*

Pt 560 CARDIORESPIRATORY I **3 CR. HR.**
This course is an introduction to the evaluation and treatment of patients with pulmonary and cardiovascular diseases. *Prerequisite: Year 4 Pt Student Status or Instructor's Consent*

Pt 599 ADVANCED PHYSICAL THERAPY ELECTIVE **3 CR. HR.**
This course provides advanced study in small groups of varying areas related to physical therapy practice. Each student chooses two electives in the fifth year of the PT program. *Prerequisites: Year 5 Pt Student Status or Instructor's Consent*

Pt 600 CLINICAL EDUCATION III **4 CR. HR.**
The third required clinical education experience consisting of an assigned placement in a physical therapy clinical for eight forty hour weeks. *Prerequisites: Year 5 Pt Student Status or Instructor's Consent*

Pt 601 RESEARCH METHODS III **1 CR. HR.**
The primary purpose of this course is to provide participants with the opportunity to obtain Institutional Review Board (IRB) approval for the group research projects. Students will also plan to implement the data collection phase of the research process. *Prerequisite: Pt 502*

Pt 602 RESEARCH METHODS IV **1 CR. HR.**
The primary purpose of this course is to provide participants with the opportunity to implement the date collection phase of the research process. *Prerequisite: Pt 601*

Pt 603 RESEARCH METHODS V **1 CR. HR.**
This course provides an opportunity for students to discuss actual case scenarios and the approaches they pursued in patient evaluation and treatment. *Prerequisites: Year 5 Pt Student Status or Instructor's Consent*

Pt 604 RESEARCH METHODS VI **2 CR. HR.**
This course provides an opportunity for students to discuss actual case scenarios and the approaches they pursued in patient evaluation and treatment. *Prerequisites: Year 5 Pt Student Status or Instructor's Consent*

Pt 605 DISSECTION ANATOMY **3 CR. HR.**
This course has two major purposes. The first is to provide a review of neural, vascular, and musculoskeletal anatomy initially covered in the first gross anatomy course. This review will make use of previously prosected cadaveric specimens. The second purpose of this course is to provide an opportunity for intensive and detailed dissection of selected anatomical regions such as the spine, appendicular articulations, the face, the pelvic floor, and the brain. *Prerequisite: Pt 410*

Pt 608 MANAGEMENT OF CHILDREN WITH NEUROLOGIC DYSFUNCTION
This course is designed to provide the PT student with clinical specialty skills in pediatric neuro-rehabilitation. Students will develop competencies in the assessment and management of the child diagnosed with any of the primary neurological conditions found in pediatrics. A holistic view of the child is stressed, especially the inter-relationships amoung the child, the family and the community.

Pt 610 NEUROMUSCULAR II **3 CR. HR.**
This course will expose students to a variety of neurological conditions, discuss the neuropathology underlying each condition, and discuss physical therapy and medical management. This course will involve a lab component for practice of specific skills and techniques used for this patient population. *Prerequisites: Pt 450, Pt 510*

Pt 620 PRIMARY HEALTH CARE **2 CR. HR.**
This is a capstone course for the topic areas of medical screening and differential diagnosis of patients seen by a physical therapist. This course will prepare students to practice as primary care providers of health care. Student will review previous medical screening information and will add to their knowledge base in this area. Basic pharmacology, nursing assessment techniques, and basic radiology will be presented. The student will be introduced to the various settings in which physical therapists practice as primary care providers. *Prerequisites: Pt 450, 550, 552*

Pt 630 THE PHYSICAL THERAPIST AS EDUCATOR, CONSULTANT, AND ADVOCATE **3 CR. HR.**
The goal of this course is to guide the student in their utilization of educational principles and methodologies specific to multiple audiences within the health care setting. Students will have the opportunity to practice tailoring a presentation based on the learner's knowledge level, lifestyle issues, needs, and values. The student will also be encouraged to extend the role of educator to that of consultant and advocate within the health care environment, with particular emphasis placed on the role of the therapist in community health care. *Prerequisite: Year 5 Pt Student Status or Instructor's Consent*

Pt 650 PATIENT CARE SEMINAR I **2 CR. HR.**
This course provides an opportunity for students to discuss actual case scenarios and the approaches they pursued in patient evaluation and treatment. *Prerequisite: Year 5 Pt Student Status or Instructor's Consent*

Pt 652 PATIENT CARE SEMINAR II **1 CR. HR.**
This course provides an opportunity for students to discuss actual case scenarios and the approaches they pursued in patient evaluation and treatment. *Prerequisite: Year 5 Pt Student Status or Instructor's Consent*

Pt 660 CARDIORESPIRATORY II **3 CR. HR.**
This course is the second in a two-part series devoted to evaluation and treatment of patients with cardiac and/or pulmonary conditions. *Prerequisite: Year 5 Pt Student Status or Instructor's Consent*

Py 111 GENERAL PSYCHOLOGY **3 CR. HR.**
This is an introduction to the scientific study of the entire field of psychology. It involves the study of basic patterns of behavior including motivation, learning, emotions, the physiological basis of behavior, human growth and development, personality theory and measurement, and abnormal and deviant behavior.

Py 212 APPLIED PSYCHOLOGY **3 CR. HR.**
This course focuses on the application of psychological principles, facts, and research methods with the purpose of understanding and modifying human behavior. Particular emphasis is placed on the problems of adjustment in life situations including the areas of

mental health, marriage, and the family, as well as the areas centering around work activities including job selection, employment motivation and adjustment to the work environment. *Prerequisite: Py 111*

Py 222 EDUCATIONAL PSYCHOLOGY **3 CR. HR.**
This course looks at the educational needs of students (K-12) from a psychological perspective. Topics include the learning process, instructional processes and strategies, learning styles and skills, motivating students to learn, social and emotional development and their impact on learning skills, and the learning process and behavioral disorders. In addition, the course will explore assessment of student learning, behavioral intervention techniques and coping with aggressive behavior, character education, and how students can become life long learners. *Prerequisite: Py 111*

Py 231 SOCIAL PSYCHOLOGY **3 CR. HR.**
This course exposes the student to classic research in the field of social influence and perception. Students are introduced to several concepts that provide understanding of the world in new ways. *Prerequisite: Py 111*

Py 234 PHYSIOLOGICAL PSYCHOLOGY **3 CR. HR.**
This course examines behavior as viewed by the biological perspective. It is an introduction to and survey of the physiological bases of behavior, including biochemical and neurophysiological determinants of sensation, motor control, sleep, eating and drinking, learning and memory, language and mental disorders. *Prerequisite: Py 111*

Py 241 HUMAN GROWTH AND DEVELOPMENT **3 CR. HR.**
This course includes physiological processes of development including conception, prenatal growth, birth, maturation, and aging, provide a framework for examining the cognitive, affective and social development of the individual during his/her life-span. *Prerequisite: Py 111*

Py 331 INTERPERSONAL RELATIONS **3 CR. HR.**
This course provides an inclusive core of scientific information and functional skills concerning communication and interpersonal relations based on psychological principles. Practice in applying this information and these skills toward improved personal functioning in all life environments is strongly promoted. *Prerequisite: Py 111*

Py 332 ABNORMAL PSYCHOLOGY **3 CR. HR.**
This is a comprehensive course focusing on the better understanding of the field as an area of active inquiry both in clinical practice and in research. A complete presentation of the most important theoretical models along with topics that reflect contemporary interests are examined. Developmental perspectives along with current views of abnormality and current treatment approaches are studied. *Prerequisite: Py 111*

Py 333 PSYCHOLOGY OF PERSONALITY **3 CR. HR.**
This is a critical review of methods and content in the study of personality. The development of the field, with attention to recent applications of scientific methods to problems of personality, is examined. A survey of major theories of personality is undertaken. *Prerequisite: Py 111 or Permission*

Py 334 LEADERSHIP **3 CR. HR.**
This course is designed to integrate recent leadership ideas and practices with established research findings focusing on the development of leadership qualities in the student. Valuable ideas such as leadership vision, individual courage, ethical and moral issues, leading change, leading a learning organization, the differences between leadership and management, leadership and multiculturalism, a leader's personal capacity for mind, heart and spirit, followership and shaping values and culture are examined. In addition, the direct involvement of the student in the design and development of his/her leadership style is encouraged. *Prerequisite: Py 241*

Py 335 INTRODUCTION TO REHABILITATION **3 CR. HR.**
The course will provide a basic foundational study of rehabilitation counseling with a conceptual overview of the professional, historical, theoretical and research foundations, as well as the counseling applications of the rehabilitation profession. *Prerequisites: Py 111, Py 241 and Py 332*

Py 341 GERONTOLOGY **3 CR. HR.**
This course is designed to expose the students to the most relevant and current problems in the field of aging and present a variety of divergent views on the appropriate solutions to these problems. The topics covered include demographic trends, the aging process, longevity, social attitudes toward old age, problems and potentials of aging, retirement, death, living environments in later life and social policies, programs and services for older people. Also, mental and physical health, cognitive and personality development, relationships and sexuality are studied. The key theories on aging and the influence of scientific knowledge, changing world views and historical events on theoretical viewpoints are examined.

Py 342 RESEARCH METHODS IN PSYCHOLOGY **3 CR. HR.**
In this course students will cover basic topics in research methodology in psychology. They will learn how to develop research questions, identify problems inherent in many research designs, and how to present their findings. They will also cover ethical issues related to research with human beings and animals. *Prerequisites: Py 111, Ms 132*

Py 344 EARLY CHILDHOOD **3 CR. HR.**
This course is designed to expose students to the interplay among biological, cognitive and social factors in children's development and examine its multiple determination. Basic research, theoretical models and applications of knowledge in areas such as prenatal environment, heredity and environment, sensation, perception and learning, emotional development, language and communications, intelligence, family, peers, morality, altruism, aggression, gender roles and differences, and technology and television are examined. *Prerequisite: Py 241*

Py 345 THERAPEUTIC PSYCHOLOGY **3 CR. HR.**
This course covers an introduction to the principles and techniques to counseling and psychotherapy with attention given to professional identity factors, theoretical and research foundations, counseling applications, current issues in therapeutic practice, and the place and obligations of the psychotherapist in the profession. *Prerequisites: Py 111, Py 332, Py 241, Py 412*

Py 346 ADOLESCENT PSYCHOLOGY **3 CR. HR.**
This course examines the contextual development of adolescents as they transition through biological, cognitive, and social changes. These contextual transitions include the family, peer groups, schools, and work and leisure. Also, the developmental issues of identity, autonomy, intimacy, sexuality, achievement and psychosocial problems are explored. *Prerequisite: Py 111*

Py 411 PSYCHOLOGICAL TESTS AND MEASUREMENTS **3 CR. HR.**
This course is designed to provide an introduction to the principles of psychological testing. The topics it covers include the definition of psychological testing, the role of testing in evaluation of persons, the types of tests and purposes for which they are applied, principles of test construction including a review of relevant statistical concepts, item selection, standardization, reliability and validity. In addition, this course will consider and examine some major tests used in assessment of personality, intelligence, interests, and neuropsychology and the standards for ethical practice in psychological testing. *Prerequisites: MS 111, MS 132, and 18 hours in Psychology.*

Py 412 SOCIAL SERVICE PRACTICUM **3 CR. HR.**
The purpose of this course is twofold: (a) to help at-risk youth cope and, ultimately, succeed and (b) to provide Husson psychology majors (mentors) with valuable, real-world experiences in the domain of helping others. *Prerequisite: Py 241*

Py 413 PRACTICUM **3 CR. HR.**
This course involves the student's participation in a planned clinical experience in an approved agency under the supervision of a Husson College faculty member. It provides the student with a supervised, field-based work experience that allows the student to synthesize and integrate theories and techniques learned in the classroom in a real work setting, to develop more fully the personal qualities and characteristics of a professional counselor, and to make the transition from trainee to professional practitioner. *Prerequisites: Psychology credits and Practicum 412.*

Py 421 PSYCHOLOGY OF HEALTH, IMMUNITY AND DISEASE **3 CR. HR.**
This course will cover the basic topics in health psychology. Students will learn how the biopsychosocial model acknowledges the importance of caring for the whole person in maintaining good health Gender and cultural differences and how they affect ones overall health will also be covered, as well as how the aging process influences health from infancy to old age. *Prerequisite: 18 hours of psychology or instructor's permission*

Py 431 BEHAVIOR MODIFICATION SEMINAR IN LEARNING **3 CR. HR.**
This is an advanced course examining how learning principles influence human behavior. The extension of these principles and concepts emerging from the experimental analysis of behavior to problems of behavior modification in academic, social, and industrial settings is studied. *Prerequisite: Py 111*

Py 442 SEMINAR IN PSYCHOLOGY **3 CR. HR.**
This is a capstone course designed to review the academic work and empirical experiences of psychology majors in the field, but not excluding the incorporation of other academic and collegiate experiences from psychology's point of view. Additionally, this course provides students the opportunity to explore topics they deem important. The course helps prepare students for program completion and a smooth transition from

collegiate to professional life. It also provides a review of the students' academic experiences and verifies that all of the collegiate co-curricular expectations have been met. *Prerequisite: Psychology majors, seniors only with instructor's consent*

Py 499 SPECIAL TOPICS IN PSYCHOLOGY **1-3 CR. HR.**
This course has variable content depending on the interests of students and faculty. Topics that may be offered include behavioral modification, learning theory, and leadership. *Prerequisite: Py 111 or Permission*

Sc 101 INTRODUCTION TO NUTRITION **3 CR. HR.**
This course serves as an introduction to nutritional concepts and to the interconnections of health, nutrition, weight, and physical activity. This course is particularly appropriate for students with no science background.

Sc 102 INTRODUCTION TO BIOLOGY I/BOTANY **4 CR. HR.**
This is an introductory level course designed to introduce students to biology and familiarize them with the basic structures and associated functions of plants. Topics to be considered include the structure of plant cells; the way cells are organized into tissues; the aggregation of tissues into organ systems; and the unification of organ systems in the total body of the plant. Variation in cell, tissue, organ, and whole body structure will be examined for representative species in the different divisions of the plant kingdom. Functional attributes of plants that will be considered include germination, growth and development, cell division, reproduction, photosynthesis, respiration, hormonal control, mineral nutrition, and internal transport. Laboratories will allow hands-on exploration of plants at both the cellular and organismic level.

Sl 102 BIOLOGY I/BOTANY LAB **0 CR. HR.**

Sc 103 INTRODUCTION TO BIOLOGY II/ZOOLOGY **4 CR. HR.**
This is an introductory level course designed to explain the stunning diversity of the animal life and the compelling unity underlining that diversity. The course will cover basic chemistry cell structure and function, genetics and an examination of the anatomy, physiology, evolution and ecology of animal groups.

Sl 103 BIOLOGY II/ZOOLOGY LAB **0 CR. HR.**

Sc 111 ANATOMY AND PHYSIOLOGY FOR SPORTS MANAGEMENT **3 CR. HR.**
This course is designed to cover basic anatomy and physiology as it relates to sports and sports management. Anatomy and physiology of systems involved with movement, exercise, health and physical fitness will be discusses. The course will include sections on general nutrition, inflammation and repair of injuries, and kinesiology (muscles and the mechanics of movement).

Sc 121 ANATOMY AND PHYSIOLOGY I **3 CR. HR.**
This course provides an in-depth understanding of the structures and functions of the human body and its parts. The course begins with the organization of the human body and descriptive terminology relating to various segments of the body. Cellular anatomy and physiology and study of tissues lead to the study of the organ systems. Topics included in the course are skin, the skeletal system, joints, the nervous system, and muscle.

Sl 121 ANATOMY AND PHYSIOLOGY LAB I **1 CR. HR.**

Sc 122 ANATOMY AND PHYSIOLOGY II **3 CR. HR.**
This course is a continuation of Anatomy and Physiology I. The course will provide a thorough understanding of structure-function relationships down to the molecular level. The semester will cover the special senses, blood, the cardiovascular system, lymphatics, the respiratory system, the digestive system, the urinary system, the endocrine system, and reproduction. *Prerequisite: Sc 121*

Sl 122 ANATOMY AND PHYSIOLOGY LAB II **1 CR. HR.**

Sc 131 HUMAN GENETICS **3 CR. HR.**
This course is designed to support the natural interest of most people in those human physical, behavioral, and social characteristics that have a hereditary basis. Lectures, discussions and the solving of simple genetic and statistical problems are used to form a basis for the consideration of current social issues with genetic implications.

Sc 132 BIOLOGY **3 CR. HR.**
This course is designed for nonscience majors and enables them to become aware of their role in the complex biological system in which they live. It is the basic science on which all other life sciences are built. Topics include the unity and diversity of life, methods and organizing concepts in biology, the cellular basis of life, patterns of inheritance and subsequent development in organisms, plant and animal systems and their control, evolution, and the biology of populations.

Sc 141 ENVIRONMENTAL SCIENCE **3 CR. HR.**
This course is a survey of the important topics in environmental science. Concepts of energy flow and nutrient cycling are explored in the context of human impacts upon these processes. Sources of pollution and their total effect on ecosystem and biosphere function are also explored. Management of material wastes and energy efficiency is an integral theme of the class. This class satisfies the laboratory science requirement with a series on in-class lab experiences and field trips.

Sc 142 CONSERVATION AND RESOURCE MANAGEMENT **3 CR. HR.**
This course emphasizes the basic principles of conservation that are applied to utilization and management of natural resources such as soil, water, range lands, forests, wildlife, minerals, and human populations. The study of the interrelationships between living organisms and their environment is known as ecology. This course applies ecological concepts to conservation problems and policies. *Prerequisite: Sc 141 or Permission*

Sc 151 CONCEPTUAL PHYSICS **3 CR. HR.**
Conceptual Physics is an introductory physics course with lab, intended primarily for non-science majors. In this course we will study motion, mechanics, gravity, heat, electricity, magnetism, optics, atomic, nuclear and molecular physics, and relativity. We will also learn about the process by which physicists attempt to understand the intriguing laws of nature. The course will be taught using a combination of lectures, classroom demonstrations and laboratory experiments. Understanding of the fundamental concepts rather than number crunching is emphasized in this course and the equations will serve to refine the concepts and facilitate student's thinking process. Ultimately, it is hoped that by taking this course the student will develop a better appreciation for the natural world.

Sc 180 PRINCIPLES OF GENERAL CHEMISTRY **3 CR. HR.**
This course explores fundamental quantitative and qualitative principles of inorganic, organic and biological chemistry and provides a basic understanding of theoretical and applied aspects of general chemistry. Topics in inorganic chemistry include measurement, atomic theory and chemical bonding, chemical reactions and mass relationships, kinetic theory and gas laws, acids, bases, pH and buffers. Organic chemistry will provide an overview of the nomenclature, properties and reactivity of major groups of organic compounds, while biochemistry will focus on the chemistry of carbohydrates, lipids, proteins, and enzymes. An overview of biochemical energetics, nucleic acids and protein synthesis is also included.

SI 180 PRINCIPLES OF GENERAL CHEMISTRY LAB **0 CR. HR.**

Sc 181 CHEMISTRY I **3 CR. HR.**
This introduction to chemistry provides a basic understanding of theoretical and practical aspects of inorganic chemistry. The course includes the metric system, chemical elements and symbols, the structure of the atom, chemical bonds, molecules and compounds, and chemical reactions.

SI 181 CHEMISTRY LAB I **1 CR. HR.**

Sc 182 CHEMISTRY II **3 CR. HR.**
This course is a continuation of Chemistry I. It focuses on organic chemistry and biochemistry and provides a background for understanding the chemical mechanisms of health and disease. Organic chemistry will emphasize the study of carbon, its special properties, and its compounds. Biochemistry will focus on the chemicals of living organisms, carbohydrates, lipids, proteins, and nucleic acids. Selected physiological topics such as energy metabolism, the genetic code, and protein synthesis are included. *Prerequisite: Sc 181*

SI 182 CHEMISTRY LAB II **1 CR. HR.**

Sc 233 PATHOPHYSIOLOGY **3 CR. HR.**
Pathophysiology is the study of abnormal, diseased physiological processes. The course begins with altered cell functioning, injury and death. The course continues with pathophysiology of the body systems and inability of diseased systems to maintain homeostasis. Also included are inflammation, immunity, neoplasia, and adaptations of the body to stress. Although aging is not considered a disease, some aspects of aging will be discussed. *Prerequisite: Sc 112 or Sc 122*

Sc 234 NUTRITION **3 CR. HR.**
This course examines the basic nutritional principles (biological, chemical and regulatory mechanisms); the changing nutritional requirements throughout the life cycle; the relationship between nutrition and disease; the principles of therapeutic nutrition (diet therapy) and the assessment of nutritional status. *Prerequisite: Sc 182 Recommended*

Sc 240 EVOLUTION AND ECOLOGY **3 CR. HR.**
This course explores the interaction of biotic and abiotic components in functioning ecosystems. It will examine topics in nutrient cycling, energy flow, population dynamics, and habitat types. The second half of the semester will be dedicated to how ecological

factors can give rise to evolutionary change over time. Topics in both micro- and macro-evolution will be explored. The concurrently run lab will train students in local flora, forestry practices, and in the analysis of environmental samples (e.g. water, soil). *Prerequisites: SC 102, SC 103 and Instructor's Consent*

SI 240 EVOLUTION AND ECOLOGY LAB **1 CR. HR.**

Sc 241 MICROBIOLOGY **4 CR. HR.**
This course provides a broad understanding of both beneficial and harmful microorganisms and their roles in human welfare. Emphasis is placed on the structure, physiology, and control of human pathogens, particularly bacteria and viruses. The lab provides experience in important techniques of culturing, identifying, and controlling microorganisms.

SI 241 MICROBIOLOGY LAB **0 CR. HR.**

Sc 242 BIOTECHNOLOGY **3 CR. HR.**
The current explosion in wonder drugs, diagnostic tests and medical treatments has resulted, primarily, from advances in biotechnology. This course will explore the origins and current status of biotechnology and how it is applied in the world or research, product development, medical diagnosis, disease treatment and law enforcement. This course will primarily focus on those areas of biotechnology that pertain to molecular biology and biochemistry. The laboratory portion of this course will expose students to many of the techniques used in molecular biology/biotechnology laboratories around the world.

SI 242 BIOTECHNOLOGY LAB **1 CR. HR.**

Sc 251 ASTRONOMY **3 CR. HR.**
This is an introductory course that will describe, develop and create physical models for many of the observable astronomical events in the sky. The topics may include motion in the night sky, the solar system, light, stars, star groups, the origin of the universe, life in the universe, and UFO's.

Sc 271 PHYSICS I **4 CR. HR.**
Physics I is the first course in a two semester general physics sequence. The goal of this course is to introduce the student to the concepts of force and motion, work and energy, fluids and gases, heat and thermodynamics, and periodic motion. The class meets for three hours each week in lecture and recitation, and two hours each week in the lab. This course assumes no prior background in physics. *Prerequisite: Ms 242 and Ms 243*

SI 271 PHYSICS I LAB **0 CR. HR.**

Sc 272 PHYSICS II **4 CR. HR.**
This course continues the development of the basic physical concepts begun in Sc 271. Topics include electricity and magnetism, optics, atomic theory, relativity. Quantum mechanics, nuclear physics, and elementary particles. The class meets for three hours each week in lecture and recitation, and two hours each week in the lab. *Prerequisite: Sc 271*

SI 272 PHYSICS II LAB **0 CR. HR.**

Sc 291 CELL BIOLOGY **3 CR. HR.**
A detailed analysis of cellular organelles in relation to active transport, endocytosis, cell-to-cell communications, cell division and protein synthesis. Chromosome organization, gene structure, RNA synthesis and regulation of gene expression are also considered. Discussions will emphasize techniques and key experiments that have helped in the development and formulation of contemporary concepts.

Sc 292 EPIDEMIOLOGY **3 CR. HR.**
Basic concepts of epidemiology and methods for identification of factors influencing health and disease in human populations. Considerations are centered on physical, biological, psychosocial and cultural factors in relation to infectious and noninfectious diseases; interactions between agent, host, and environmental factors as determinants of health and disease; application of the epidemiologic approach to health services; and retrospective and prospective analysis of morbidity data. Instruction is by lecture, laboratory exercises and seminars.

Sc 332 PHYSIOLOGICAL ECOLOGY OF ANIMALS AND PLANTS **3 CR. HR.**
This course explores the structural and functional relationships within plants and animals that make them adapted to their environment. This course uses numerous examples to illustrate how plants and animals survive given the constraints of their environment. Examples will be taken from temperate, arctic, alpine, tropical, desert, and aquatic ecosystems. *Prerequisite: Sc 102 and Sc 121*

Sc 360 BIOMECHANICS & KINESIOLOGY IN HUMAN PERFORMANCE **3 CR. HR.**
This course examines the application of anatomical and physiological principles of kinesiology and physical movement. Topics include the scientific study of human movement, analysis of motor skills, and programs of exercise and evaluation of human performance. *Prerequisite: Sc 122*

Sc 362 DYNAMICS OF THE EARTH **3 CR. HR.**
This course presents the basic concepts of earth science that includes a broad and nonquantitative survey at the introductory level of topics in geology, oceanography, meteorology and astronomy. In geology, the topics emphasized are plate tectonics, volcanic activity, mountain building, minerals and rocks, earthquakes, geologic time and earth history. In meteorology, the specific areas include weather elements, weather patterns and storms. The astronomy unit reviews constellations, the moon, the solar system and beyond. Laboratory activities are included to demonstrate concepts. Within each unit human use and manipulation of physical resources is examined from both a scientific and economic perspective.

Sc 371 HORTICULTURE **3 CR. HR.**
This course presents the fundamentals of horticulture including topics such as environmental factors affecting plants, methods of growing plants, pruning, grafting, harvesting and storing, pests and horticulture plants and their control, horticulture for home grounds, and the vegetable garden. Laboratory activities enable students to practice experimental design and planting techniques used in horticulture.

Sc 381 ORGANIC CHEMISTRY I **3 CR. HR.**
This course comprises the first semester of a one-year introduction to the chemistry of carbon-containing compounds. It provides fundamentals of modern organic chemistry with

an emphasis on chemical bonding, stereochemistry, and reaction mechanisms. Chemistry, as one of the exact sciences, requires quantification. Therefore, development of the critical thinking and problem solving strategies, as well as the experimental "know-how" and laboratory skills are major objectives of the course. Introduction to microscale lab techniques, modern analytical instrumentation, as well as computation technology additionally supports objectives of the course.
Prerequisites: Sc/SL 182

SI 381 ORGANIC CHEMISTRY 1 LAB **1 CR. HR.**

Sc 382 ORGANIC CHEMISTRY II **3 CR. HR.**
This course comprises the second semester of a one-year introduction to the chemistry of carbon-containing compounds. It provides fundamentals of modern organic chemistry with an emphasis on stereochemistry, modern instrumental methods in identification of organic compounds, energetics, reaction mechanisms, and selected applications in biochemistry. Critical analysis of structure-properties' relationships in organic chemistry, and their applications, as well as more advanced "know-how" (FT-NMR or FT-IR, and UV/Vis spectroscopies) and laboratory skills (applications of semi-empirical molecular computations, and multistep synthetic procedures) are major objectives of this course.
Prerequisites: Sc/SI 381

SI 382 ORGANIC CHEMISTRY II LAB **1 CR. HR.**

Sc 312 ADULT, INFANT AND CHILD CPR **3 CR. HR.**
This is a standard American Heart and American Red Cross course in adult, infant and child emergency care of injuries and CPR. Standard certificate awarded on successful completion of course.

Sc 330 EXERCISE PHYSIOLOGY **3 CR. HR.**
This course examines changes within the human body due to the effects of acute and chronic exercise. The student is challenged to expand both their knowledge of and appreciation of human physiological reaction, regulation, and adaptation to exercise. Laboratory experiments, involving all students, serve to verify or refute hypotheses in a pre-selected range of problems. *Prerequisites: SC 121/122 and SL 121/122*

Sc 351 OCEANOGRAPHY **3 CR. HR.**
This course examines the physical and biological characteristics of the marine environment. Topics include the origin of earth and its oceans, life in the oceans, the history of oceanography, plate tectonics, the nature of water, ocean circulation, waves, tides, shorelines, and coastal regions. A large portion of the course examines the interrelationships between organisms and the marine environment, mariculture marine pollution, and pollution control.

Sc 362 DYNAMICS OF THE EARTH **3 CR. HR.**
This course presents the basic concepts of earth science that includes a broad and nonquantitative survey at the introductory level of topics in geology, oceanography, meteorology and astronomy. In geology, the topics emphasized are plate tectonics, volcanic activity, mountain building, minerals and rocks, earthquakes, geologic time and earth history. In meteorology, the specific areas include weather elements, weather patterns, and storms. The astronomy unit reviews constellations, the moon, the solar

system and beyond. Laboratory activities are included to demonstrate concepts. Within each unit human use and manipulation of physical resources is examined from both a scientific and economic perspective.

Sc 371 HORTICULTURE **3 CR. HR.**
This course presents the fundamentals of horticulture including topics such as environmental factors affecting plants, methods of growing plants, pruning, grafting, harvesting and storing, pests and horticulture plants and their control, horticulture for home grounds, and the vegetable garden. Laboratory activities enable students to practice experimental design and planting techniques used in horticulture.

Sc 410 MOTOR LEARNING IN HUMAN PERFORMANCE **3 CR. HR.**
This course explores the application of learning and performance of motor skills. Topics include the scientific study of motor skills and abilities, motor control, attention and memory, motor skill learning, instruction and augmented feedback, and practice conditions. *Prerequisite: Sc 122*

Sc 481 BIOLOGICAL RESEARCH & LAB SAFETY I **3 CR. HR.**
This course serves as the "capstone" course in the Biology major and is necessarily followed by SC482. In a seminar setting, students will review the primary literature and design a serious, original biological research project for the field, or laboratory. Students will share the results of experiments with classmates in a critical seminar setting. At the end of the semester, students will submit a progress report on their research. *Prerequisite: Instructor's Consent*

Sc 482 BIOLOGICAL RESEARCH AND LAB SAFETY II **3 CR. HR.**
This course serves as the continuation of the "capstone" course in the Biology major and is necessarily preceded by SC 481. Students continue with their laboratory, or field research, in biology. The emphasis during this semester will be on the final collection of data, analysis of those data, and the composition of the final senior paper. Students will continue to share the results of experiments with classmates in a critical seminar setting. The authors of projects of very high quality will be encouraged to publish their work in the peer-reviewed literature. *Prerequisites: Sc 481 and Instructor's Consent*

Sc 499 SPECIAL TOPICS IN SCIENCE **1-6 CR. HR**
This course is of variable content depending on the interests of students and faculty.

SI 499 SPECIAL TOPICS IN SCIENCE LAB **0-3 CR. HR.**

Sm 101 INTRODUCTION TO SPORTS MANAGEMENT **3 CR. HR.**
Historical and philosophical aspects of sports management, an overview of current issues, and career opportunities in sports management. Students will formulate personal and career goals. *Prerequisite: Sports Management Major or Permission*

Sm 202 SPORTS FACILITIES MANAGEMENT **3 CR. HR.**
A resource guide to managing sports facilities for sports managers, athletic directors, sports club managers, and sports consultants. The course will include methodologies for planning and construction of new sports facilities as well as guidelines for evaluating the adequacy of existing sports facilities. *Prerequisite: Sm 101*

Sm 303 SPORT IN SOCIETY **3 CR. HR.**
This course is intended to provide an in depth study of sport in society. The course includes gender equity, deviance and aggression, race and culture, economics and social class, and the role of the media. *Prerequisite: Sm 101*

Sm 304 PRINCIPLES OF SPORTS MEDICINE **3 CR. HR.**
This course is designed to integrate basic medical concepts and related scientific information to provide a foundation in the prevention, recognition, assessment, management, disposition, and reconditioning of sport-related injuries and illnesses.

Sm 305 INTRODUCTION TO SPORTS LAW **3 CR. HR.**
This course expands the student's understanding of the principles of law that regulate both the amateur and professional sports industries. It will be assumed that the student has taken Business Law and is familiar with those principles. The course materials will be taken exclusively from the sports industry and will concentrate on the many legal issues that regulate this unique industry. Special emphasis will be placed on the risks of litigation.

Sm 407 PSYCHOLOGY OF SPORT **3 CR. HR.**
How people behave in sport and exercise settings: motivation, anger, fear, and how such emotions affect performance; how emotions can be moderated and how behaviors can be made more effective.

Sm 409 LEADERSHIP IN SPORTS ORGANIZATIONS **3 CR. HR.**
This course provides and in-depth study of leadership styles and their importance in the field of sports. *Prerequisite: Senior Status or by Permission*

Sm 496-498 SPORTS MANAGEMENT INTERNSHIP **3-9 CR. HR.**
This course is designed to provide sports management students with practical work experience in a sports management environment. *Prerequisite: By Permission*

Sm 499 SPECIAL TOPICS IN SPORTS MANAGEMENT **1-3 CR. HR.**
This course provides sports management students the opportunity to research and develop special projects within the realm of sports management. Open to Junior and Senior students only. *Prerequisite: By Permission*

Ss 101 SPEEDWRITING I **3 CR. HR.**
Fundamentals and principles of Speedwriting Shorthand: speedwriting outlines, brief forms, abbreviations, phrases, how to formulate word endings, and apply correct punctuation. Emphasis will be placed on correctly reading and writing outlines. The desired outcome will be to transcribe new-matter dictation for letters, memos and reports at the rate of 80 wpm in mailable form. *Prerequisite: Ss 131*

Ss 102 SPEEDWRITING II **3 CR. HR.**
Speedwriting ability is increased through vocabulary building and speed development. Accurately transcribed letters are required at the minimum speed of 80 wpm. *Prerequisite: Ss 131*

Sy 201 PRINCIPLES OF SOCIOLOGY **3 CR. HR.**
This course is an introduction to the study of society and the interaction of individuals within society. It is a prerequisite for all other courses in sociology. Topics studies include

basic sociological theory and concepts, socialization, cultures, institutions, patterns of social structure, and social change. Some emphasis is placed on cultural relativity in modern society and the implications of cultural differences for business.

Sy 205 ADDICTIONS: INSIGHTS AND ISSUES **3 CR. HR.**
This course examines current models used to describe alcohol abuse, alcohol dependence, other drug abuse and dependence, and substance/process abuse in general. Assessment, treatment, addictive behaviors, and outcomes will be examined. The course is helpful to health care students, to any business student who expects to supervise others, and to anyone expected to function within a group. The course will also give each student the opportunity to gain insight into an issue of personal choice.

Sy 211 CONTEMPORARY SOCIAL ISSUES **3 CR. HR.**
The course presents an analysis of major social issues. Statistical data and their interpretation are analyzed to explain and illustrate the concepts of social disorganization, value conflicts, and personal deviation. Those issues to be investigated include problems related to urbanization, marriage and the family, civil liberties, discrimination, mass communication, quality of environment and social policy. *Prerequisite: Sy 201*

Sy 222 CULTURAL ANTHROPOLOGY **3 CR. HR.**
This course is an introduction to the fundamental concepts and perspectives of culture. It surveys the dynamics of cultural evolution and its significance to civilization. Special attention will be directed towards the geographical basis of culture, the origins of civilization, the structure of civilization and culture - economic, political, familial, and religious structures and factors that lead to the demise of civilization.

Sy 312 SOCIOLOGY OF WORK **3 CR. HR.**
This course examines work-related processes, social structures, and role behavior associated with blue-collar, white-collar, executive, and professional levels of employment. Among the topics considered are socialization in work roles; occupational professional ideologies; the interrelationship of work, status, and life-style; and adjustment to life cycle changes as they affect work and career. Particular attention will be focused on changing work patterns and values in the late twentieth century. *Prerequisite: Sy 201*

Sy 499 SPECIAL TOPICS IN SOCIOLOGY **1-3 CR. HR.**
This is a course of variable content depending on the interests of the students and faculty. *Prerequisite: Sy 201*

Wp 211 WORD PROCESSING **3 CR. HR.**
Word processing is designed to introduce the basic concepts used to create, save, edit, and print word processing documents. Successful application of word processing techniques will be demonstrated by completion of Unit Reviews and Unit Evaluations.
The student will be informed of innovations in the field of computer technology by reading and summarizing two articles from current computer-oriented periodicals. The article review is an exercise in effective written communications. *Prerequisite: Ss 131 or by Permission*

Wp 213 WORD PROCESSING II **3 CR. HR.**
A continuation of Wp 211. The student progresses from basic word processing concepts to advanced word processing features such as layout, merge, and graphics. Successful

application of word processing techniques will be demonstrated by completion of Unit Reviews and Unit Evaluations.

The student will be informed of innovations in the field of computer technology by reading and summarizing articles from current computer oriented periodicals. The article review is an exercise in effective written communications. *Prerequisites: Wp 211 or by Permission*

Wp 299 SPECIAL TOPICS IN INFORMATION PROCESSING **3 CR. HR.**
This is a course of variable content. Faculty and students prepare a special topic of timely interest in information processing. This course may consist of seminars, individualized instruction, and/or research related to a specific area of specialization. *Prerequisite: By Permission*

Graduate Courses

Gr 708 MANAGING CHANGE **3 CR. HR.**
Managing Change focuses on the skills required to deal effectively with organizational change. The course addresses first the pressures in the business environment that make change a fundamental reality for managers. Then it examines the manager as change agent responsible for initiating innovation and explores both the personal skills required in the role of change agent and the tools and techniques available to support the manager in that role. The course also examines the problems and opportunities of those who are the recipients of change in an organization and the skills required to cope effectively with that situation.

Gr 710 HUMAN RESOURCE MANAGEMENT **3 CR. HR.**
This course explores human resource management as an integrated process of planning and control designed to achieve high employee productivity and job satisfaction. The course focuses on the essential functions of human resource management as they apply both to the general supervisory responsibilities of every manager and to the specific operations of the personnel department.

Gr 716 MANAGEMENT COMMUNICATIONS **3 CR. HR.**
This is an advanced communications course that builds upon a student's experience and prior undergraduate course work in writing and oral communications. Topics include: advanced business writing, use of visual materials, selection of secondary sources of information, report preparation, and presentations to small and large groups.

Gr 718 RESEARCH METHODS IN BUSINESS AND EDUCATION **3 CR. HR.**
This course is designed for beginning graduate students who have little or no formal preparation in those areas of research and problem-solving essential for a comprehensive study of business and education at the graduate level. Emphasis is placed on the identification of common problem types and the selection and use of appropriate methods of analysis (primarily statistical in nature).

Gr 720 COMPUTER APPLICATIONS FOR BUSINESS AND EDUCATION **3 CR. HR**
This course deals with the use of electronic data processing systems for solving problems related to management. Emphasis is placed on the use of microcomputers for a variety of applications including database management, spreadsheets, and word processing. Students complete a project related to their field of interest. Lab fee: $40.00

Gr 721 DATABASE SYSTEMS **3 CR. HR.**
This course covers in detail the design and implementation of a database to support the operational, reporting and inquiry requirements of an information system. Students will gain hands-on experience in creating and processing a database by using appropriate commercial software. *Prerequisite: GR 720 or Permission*

Gr 724 LEADERSHIP IN BUSINESS AND PROFESSIONS **3 CR. HR.**
This course is designed to provide graduate management students with a comprehensive review of the essentials for effective leadership. It focuses on the identification of basic leadership styles, explores the theoretical and practical findings of research in leadership development, and seeks to synthesize the student's leadership style with the most effective working models of leadership.

Gr 726 ORGANIZATIONAL POLICY AND STRATEGY **3 CR. HR.**
This is a capstone for other business-related courses. It is designed to acquaint the student with types of managerial decisions, the basis for making them and ways to avoid stereotyped decisions. Students have an opportunity to practice decision-making through the use of case studies and simulations, and whenever possible, through participation in actual decision-making situations. An understanding of elementary statistics, managerial accounting, and managerial economics is advisable before the student participates in the course. *Prerequisite: 18 Graduate Credit Hours*

Gr 728 CORPORATE STRATEGY AND PUBLIC POLICY **3 CR. HR.**
This course is designed to develop in the student an understanding of the corporation's position in the dynamics of the political system and to increase his or her capacity to deal effectively with public policy initiatives impinging on business. The course examines the roots of public perception of business, reviews the nature of policy-making in the public sector, and explores methods of influencing public opinion and intervening in the public policy process. Readings are drawn from classical and current literature on the subject, and case studies are used to demonstrate management responses to public policy developments.

Gr 730 FINANCIAL MANAGEMENT **3 CR. HR.**
Topics considered include financial planning, operating and capital budgets, cash flow, purchasing and accounting procedures, the sources and uses of corporate and institutional funds, and financial analysis for evaluation and control. Students develop projects specifically related to their needs in educational administration, small business, or corporate management. *Prerequisite: Gr 740 or Equivalent*

Gr 732 MARKETING MANAGEMENT **3 CR. HR.**
This course focuses on complex problems facing decision-makers in the marketing of goods and services. Emphasis is placed on the decision-making process, including assessment of the social, economic, and political environment in which the organization operates; problem definition; development and evaluation of alternatives, and the implementation of the best alternative. Cases in advertising, sales, marketing research, and strategic marketing management provide practice in marketing analysis and decision-making.

Gr 734 PRODUCTION MANAGEMENT **3 CR. HR.**
Emphasis is placed on the use of quantitative techniques for solving manufacturing problems. The student is given an opportunity to practice mathematical model-building and manipulation. Other topics considered include queuing system design, plant layout, statistical quality control, inventory modeling, Program Evaluation and Review Technique (PERT), linear and nonlinear programming, and control theory.

Gr 735 MANAGEMENT IN THE SERVICE SECTOR **3 CR. HR.**
This course explores issues and problems specific to the management of organizations which design, produce and deliver services rather than manufactured products. The course focuses in particular on the service concept or vision, the development of operating strategies, delivery systems, quality control processes, and the role of services in the larger economy. Particular attention is paid to the integration of marketing, operations and human resource management in service firms. Additional topics include: achieving

customer satisfaction, the role of information in services, and organization and motivation for work in service firms.

Gr 736 BUSINESS LAW **3 CR. HR.**
This course examines the Uniform Commercial Code which forms the basis of the legal framework within which the formal business organization must operate. Topics include: sales contracts, partnerships, corporations, and law governing the sale of personal property.

Gr 738 MANAGERIAL ECONOMICS **3 CR. HR.**
This course begins with a comprehensive overview of micro- and macroeconomic concepts with the aim of developing within students a picture of how business and nonprofit organizations relate to the economy as a whole. The course then focuses on practical applications of economic analysis to problems of concern to managers. Case studies and projects are used to demonstrate the methods used to determine economic feasibility and cost-effectiveness of products, services, and programs.

Gr 740 MANAGERIAL ACCOUNTING **3 CR. HR.**
This is an accelerated accounting course for those with little or no formal accounting background. The emphasis is on concepts which managers need to know in order to be effective. Topics include the preparation and interpretation of financial statements, working capital, cost planning and control, break-even analysis, and capital budgeting.

Gr 742 ACCOUNTING IN PLANNING, BUDGETING & CONTROL **3 CR. HR.**
This course examines the role of accounting in the planning, budgeting, and control process of a business or nonprofit organization. Various types of budgets are discussed, including line-item and program budgets. The integration of budgeting with planning and control functions is emphasized. Case studies are used to provide the opportunity to apply these tools to managerial problems. *Prerequisite: Gr 740*

Gr 744 QUANTITATIVE DECISION MAKING **3 CR. HR.**
This course presents important mathematical concepts and tools used by managers of business, education and nonprofit organizations. Topics include problem Definition, linear programming, regression analysis, subjective probability, decision analysis, and Program Evaluation and Review Technique (PERT). *Prerequisite: Gr 718 or 12 Credits of Undergraduate Mathematics*

Gr 746 INVESTMENT ANALYSIS **3 CR. HR.**
This course provides a detailed description of securities market organization and approaches to investment opportunities. Students will examine theories used in the valuation of financial securities and employ projects and applications to develop a real world understanding of portfolio management.

Gr 748 MANAGEMENT INFORMATION SYSTEMS **3 CR. HR.**
This course explores information resource management systems which support planning and control functions in an organization. Lectures, readings, and case studies are used to provide students with exposure to and practice in the application of appropriate concepts.

Gr 752 CURRENT ISSUES IN BUSINESS **3 CR. HR.**
This course, conducted in seminar fashion, draws on current literature to analyze contemporary and emerging issues facing management in the late twentieth century. Content will vary.

Gr 754 NEW VENTURE PLANNING AND MANAGEMENT **3 CR. HR.**
This course deals with the foundation of new ventures and related aspects of managing the small growing enterprise. Techniques taught in this course are equally applicable to small businesses, nonprofit organizations, and new ventures of larger organizations. Topics include: use of scarce resources, such as money, talent and technological expertise; identification of environmental threats and opportunities; and operational considerations such as organizational structure, legal requirements, financing, and accounting procedures. *Prerequisite: Gr 740 or Equivalent*

Gr 756 HEALTH CARE MANAGEMENT **3 CR. HR.**
This course examines management problems and policy-making in the health care industry. Several areas are considered including: (1) functions of the health care manager, (2) types of health care delivery systems, (3) the administration of hospitals, (4) the financing of medical care, and (5) the role of government. Through readings, lectures, discussions, and projects, students clarify their own role in the delivery of health services. The course regularly draws on experts in health planning and health care administration.

Gr 757 LEGAL ENVIRONMENT OF HEALTH CARE MANAGEMENT **3 CR. HR.**
The course provides a foundation in the legal and regulatory framework in which health care institutions operate. Students will also examine the legal issues confronting health care managers including director and administrative liability, malpractice, negligence, patient rights and confidentiality, licensure requirements, and the like.

Gr 758 HEALTH CARE ECONOMICS **3 CR. HR.**
In this course, the principles and tools of economic decision-making are applied to management in the health care sector. The course explores the application to health care management functions of such concepts and processes as supply and demand, resource allocation and utilization, costing and pricing, resource productivity, forecasting and economic aspects of planning, and utilization review. While the principal emphasis in the course is on micro-economic analysis, some consideration is also given to an economic analysis of public policy alternatives for the delivery of health care service. *Prerequisite: Gr 738*

Gr 759 FINANCIAL MANAGEMENT IN HEALTH CARE ORGANIZATIONS **3 CR. HR.**
This course applies the perspectives and tools of financial analysis to the management of health care organizations and evaluation of organizational performance. Topics covered include capital budgeting, sources of operating revenue, management of cash and inventories, risk analysis and forecasting. Particular attention is paid to cost containment regulatory strategies and their implications for financial planning and management. *Prerequisite: Gr 740*

Gr 761 THE NON PROFIT SECTOR: PHILANTHROPHY AND VOLUNTEERISM IS THE AMERICAN SOCIETY **3 CR. HR.**
This course examines the philosophical and legal foundations of the nonprofit sector. The course reviews the social, legal, and economic significance of nonprofit organizations in

the larger economy and considers the relationship of the nonprofit sector with the public and private sectors. Board/staff relations, volunteer development and other issues specific to the management of nonprofit organizations are also addressed.

Gr 763 STRATEGIC MARKETING FOR NON-PROFIT ORGANIZATIONS 3 CR. HR.
This course applies the concepts of marketing and strategy to the management of non-profit organizations. Through class lectures, discussion, case studies, and applied projects, students will build an understanding of the marketing process in the nonprofit environment in order to be able to design, implement, and evaluate an organization's approach to marketing and strategic positioning.

Gr 765 FUNDRAISING 3 CR. HR.
This course takes a systems approach to the process of fund-raising. Topics covered include: donor cultivation, use of the annual fund, major gifts, corporate giving, and grant writing.

Gr 772 SPECIAL TOPICS IN BUSINESS EDUCATION 3 CR. HR.
Topics considered by participants may include the legal ramifications of local and governmental regulations, contract negotiations, professional ethics, curriculum and public interest, and other current problems or issues.

Gr 790 INDEPENDENT STUDY 3 CR. HR.
The student studies with a faculty member who specializes in an appropriate field. Emphasis is on individual reading and directed action or research programs which involve student and professor. The student must have the approval of the Dean, the faculty member involved, and must file a written plan of the project with the Graduate Dean. A maximum of three (3) credits may be earned.*

Gr 792 PROFESSIONAL PROJECT 3 OR 6 CR. HR.
The student, or group of students, in consultation with a faculty advisor, determines the nature and scope of the project to be undertaken. The project is essentially practical in nature and is usually related to the student's work experience. The plan for the project must be filed with the Graduate Committee. A maximum of six (6) credit hours may be earned.*

Gr 794 BUSINESS/EDUCATION INTERNSHIP 3 OR 6 CR. HR.
The internship is designed for the person who lacks recent work experience in business or education. It is on-the-job work in a special area of concentration. The nature of the work and the location of the internship must be approved by the student's advisor and the Graduate Committee. Included in the experience are precounseling, on-site supervision, periodic summary and evaluation reporting, supplemental reading, and pertinent research or practical work-related projects. A maximum of six (6) credit hours may be earned.*

Gr 795 HEALTH CARE MANAGEMENT INTERNSHIP 3 OR 6 CR. HR.
This internship is designed for individuals who lack experience in health care administration. The location of the internship and the nature of the work experience must be approved by the Graduate Dean and the Graduate Committee. Included in the internship are precounseling, on-site supervision, periodic summary and evaluation reporting, supplemental readings, and/or seminars, and pertinent research or work-related projects. A maximum of six (6) credit hours may be earned.

Gr 796 THESIS **6 CR. HR.**
The thesis may be library-oriented research with extensive reliance on documents and a relatively limited amount of primary field research, or it may be action-oriented field research with relevant documentation from the literature. The title of the thesis topic must be filed with the Graduate Committee. A student, with the approval of his/her advisory committee, may register for the thesis after completion of twenty-four (24) semester hours.

Gr 799 MANAGEMENT SEMINAR **3 CR. HR.**
Students work together in a seminar setting under the direction of a member of the graduate faculty. The content of the seminar will vary according to the interests of students and faculty involved.

Nu 700 THEORIES AND ROLES FOR ADVANCED NURSING PRACTICE **3 CR. HR.**
This course has dual foci. The first is to provide an opportunity to analyze theoretical concepts, principles and processes from nursing and related disciplines to guide advanced clinical practice and role development. The second emphasis is the acquisition of knowledge needed to conceptualize and identify with the relevant current practice issues inherent in the role of a nurse practitioner.

Nu 701 THEORIES FOR ADVANCED NURSING PRACTICE **2 CR. HR.**
This course provides an opportunity to analyze theoretical concepts, principles and processes from nursing and related disciplines to guide advanced clinical practice and role development. Students will have the opportunity to analyze specific case studies within a theoretical perspective.

Nu 702 PHARMACOTHERAPEUTICS **3 CR. HR.**
This course provides an opportunity for students to focus on the clinical applications of the major classifications of drugs. The emphasis is on clinical pharmacology and therapeutics. Clinical correlations using case studies with applications to special populations, in primary, secondary, and tertiary settings will be addressed. Legal parameters for prescription writing protocols and factors promoting patient compliance with drug therapy will be included. Application of this knowledge for special patient populations will be further developed in Nu 800, 802, 804, and 806.

Nu 703 ROLES FOR ADVANCED NURSING PRACTICE **2 CR. HR.**
This course provides an in-depth analysis of the role of the advanced practice nurse. That knowledge is needed to conceptualize and identify with relevant historic, current and future practice issues inherent in the role of a nurse practitioner. Both state and national legislation and trends are addressed, as they relate to the effective and appropriate use of advanced practice nurses within the rapidly changing healthcare system.

Nu 704 ADVANCED HEALTH ASSESSMENT **3 CR. HR.**
The focus of this course is the assessment of total health status of clients throughout the lifespan. It is designed to enable the student to refine and further develop diagnostic reasoning skills and utilize a regional approach to physical exams in the delivery of primary health care. The course builds on undergraduate health assessment skills and includes a clinical practicum which provides the student the opportunity to apply advanced nursing knowledge and practice in the areas of physical and psychosocial assessment of clients. Students will perform complete health assessments on selected clients, obtaining

an in-depth health history, performing a comprehensive physical examination, recording findings and developing a problem list and treatment plan.

Nu 705 ADVANCED PSYCHOPHARMACOLOGY **3 CR. HR.**
This course will review the application of pharmacotherapeutic principles to psychiatric disorders. Each major class of medications will be covered: antidepressants, mood stabilizers, psychostimulants, antipsychotic medications and anxiolytics. The indications, contraindications, side effects and adverse reactions and drug interactions will be reviewed in detail. The use of herbal remedies, homeopathy and diet will be addressed. The applications of psychopharmacology to clinical case studies across the life span will be emphasized. *Prerequisite: Nu 702*

Nu 706 ADVANCED PATHOPHYSIOLOGY **3 CR. HR.**
This course examines the reaction of the body to disease throughout the lifespan. Using a conceptual approach that is designed to integrate knowledge from basic and clinical sciences, it focuses on alterations in biological processes which affect the body's dynamic equilibrium. Alterations at the cellular and organ level are presented and include genetic, metabolic, infectious, immunologic, degenerative, and neoplastic processes. Clinical problems will be developed and explored to facilitate the acquisition of critical thinking, problem-solving and evaluation skills needed by practitioners in the management of clients with chronic and acute health problems.

Nu 707 NEUROBIOLOGY (Neuro Science) **3 CR. HR.**
This course focuses on the study of brain, mind and behavior and examines the neuroanatomical, neurophysiological, and biochemical foundations of cognition, mood, emotion, affect, and behavior and the interactions among them. It takes into consideration both internal and external influences across a person's life span. Included is an overview of brain functioning and mechanisms of neurotransmission, genetics, the effects of other body systems such as the endocrine and immune systems, temperament, and the environment. *Prerequisite: Nu 706*

Nu 710 NURSING RESEARCH **3 CR. HR.**
This course explores the principles and uses of the research process in nursing. It is designed to provide the nurse practitioner student with the knowledge and enthusiasm by being active participants in the research process. Content will focus on critically analyzing published research, utilization of research findings within the clinical setting, development of a clinical research question into a researchable proposal, and active participation in a group research project.

Nu 722 ADVANCED MENTAL HEALTH ASSESSMENT **3 CR. HR.**
This course is designed for the development of advanced mental health assessment skills. The processes of psychiatric history-taking, mental status examination, biological and neurological assessment for clients throughout the life span is addressed. Students are prepared to use the Diagnostic Statistical Manual (DSM) multiaxial system. During practicum experiences students perform comprehensive mental health assessments, determine DSM IV diagnosis and medication management for clients. *Prerequisite: Nu 704*

Nu 730 RURAL COMMUNITY HEALTH NURSING **2 CR. HR.**
A national and regional perspective of rural health in America will be presented. Various characteristics of rural life will be used to provide a framework to examine and explore rural nursing theory and issues relevant to the delivery of rural health care. A course emphasis will be exploration of the challenges in providing primary health care to medically underserved populations. Community-driven strategies for addressing rural health needs, as well as interdisciplinary collaboration, will also be addressed.

Nu 740 PUBLIC HEALTH POLICY **3 CR. HR.**
This course is designed to provide the graduate student with an opportunity to explore and evaluate the political process, fiscal policies, and their impact on public health and the health care system. The uses of sociopolitical and ethical frameworks are interwoven with policy development. Opportunities are provided for individuals to critique public policy and determine how health professional's behavior impacts governmental decisions and regulatory processes. Students will explore legislative processes, state/federal policies, and analyze current legislative and policy issues.

Nu 799 SPECIAL TOPICS IN NURSING **1-3 CR. HR.**
Selected topics in nursing are offered under the guidance of graduate faculty. The course enhances students knowledge of advanced practice nursing, building on previous knowledge of nursing and healthcare in today's complex and rapidly changing healthcare system. This course may be used as an elective in the student's program of study and may be taken more than once as long as different topics are taken.

Nu 800 FAMILY HEALTH I **6 CR. HR.**
Class - 4 Credits, Clinical - 12 Hours
This course explores the theories and practice of health care for reproductive families and children from infancy through adolescence. The course will focus on health-illness issues experienced by this population in underserved rural and urban areas. The clinical practicum will present the nurse practitioner student with precepted clinical experience in assessing, planning and managing care for clients and families in these age groups at a variety of clinical sites. *Prerequisites: Nu 702, 704, and 706*

Nu 802 FAMILY HEALTH II **5 CR. HR.**
Class - 3 Credits, Clinical - 12 Hours
This course explores relevant theories and practice issues in the health care of individuals and families in early and middle adulthood. It will focus on acute and chronic health problems experienced by this population within a family and community context. Sociopolitical, cultural and ethical issues will be addressed. The clinical practicum will present the nurse practitioner student with precepted clinical experience in assessing, planning, and managing care for clients and families in these age groups at a variety of clinical sites. *Prerequisites: Nu 702, 704, and 706*

Nu 804 FAMILY HEALTH III **5 CR. HR.**
Class - 3 Credits, Clinical - 12 Hours
The focus of this course includes relevant theories and practice issues in the health care of individuals and families in late adulthood. It will explore the acute and chronic health care needs and conditions experienced by this group of clients within a family and community context. Sociopolitical, cultural, and ethical issues will be analyzed as they relate to this population. The clinical practicum will present the nurse practitioner student

with precepted clinical experience in assessing, planning, and managing care for clients and families in this age group at a variety of clinical sites. *Prerequisites: Nu 702, 704, and 706*

Nu 806 INTERNSHIP/PRACTICUM **6 CR. HR.**

Class - 3 Credits, Clinical - 18 Hours

This is the culminating clinical course in the program. The focus is on integrating the knowledge and clinical management skills from previous courses in preparation for the transition from graduate student to nurse practitioner. Students take part in seminars, allowing them to thoroughly explore the clinical issues that arise while caring for clients across the lifespan, having varied health care needs. The course will also provide students with experience in scholarly writing and the publication process. Students select one clinical and professional issue and develop it into a publishable paper. Papers must be submitted to a scholarly journal for peer review prior to graduation. This is in addition to the clinical component of the course. *Prerequisites: Nu 800, 802, and 804*

Nu 810 PSYCHIATRIC NURSING I **5 CR. HR.**

Advanced Practice Nursing Interventions for the Acute Mentally Ill

This course focuses on the advanced practice psychiatric nurse's role in the delivery of mental health care for acute mentally ill individuals and families across the life span. Theories relevant to family therapy, individual psychotherapy and crisis intervention will be examined. Practicum experiences will focus on student application of family interventions and therapy, individual interventions and psychotherapy, and crisis intervention programs in acute care settings, the clients' homes, group homes, and crisis centers. *Prerequisites: Nu 700, 704, 706, 707, 710, and 722*

Nu 812 PSYCHIATRIC NURSING II **5 CR. HR.**

Primary Care Mental Health Nursing

This course focuses on the advanced practice psychiatric nurse's role in the delivery of primary mental health care with an emphasis on promotion of optimum mental health, the prevention of mental illness, health maintenance, and preventing new occurrences of mental illness. Theories relevant to group therapy interventions and consultation will be examined. The advanced practice nursing student will develop interventions and programs that reduce stressors and maximize mental health for individuals and communities. *Prerequisite: Nu 810*

Nu 814 PSYCHIATRIC NURSING III **6 CR. HR.**

Management of the Severely and Persistently Mentally Ill

In this capstone course the advanced practice psychiatric nursing role is further developed as the learner integrates psychiatric theory and practice skills while intervening with the chronically mentally ill in the rural community. Emphasis is on combining psychotherapeutic, pharmacological, and alternative therapeutic approaches. Through seminar and practicum experiences, students incorporate the comprehensive goal of case management which is to decrease fragmentation and insure access to appropriate individualized cost effective care (ANA Standards of CARE 2000). During the practicum experiences students coordinate care and advocate for special populations of individuals, families, and groups across the lifespan. As a part of this course, the student completes a "capstone" project that demonstrates the integration of previous learning. *Prerequisite: Nu 812*

Nu 816 PSYCHIATRIC NP INTERNSHIP/PRACTICUM **3 CR. HR.**

This is an intensive clinical internship that prepares students to practice in the role of a psychiatric nurse practitioner. Building on biopsychosocial theories, the student will deliver comprehensive holistic primary mental health care to clients. Students will conduct comprehensive assessment, including diagnosis of and referral for physical health problems. Additionally, clinical experiences will include ordering and interpreting laboratory and diagnostic studies. Comprehensive medication management of psychiatric clients will include an in-depth knowledge of psychotropic medications, acceptable prescribing practices and monitoring for side effects and efficacy. Students will present case studies with decision-making trees during seminars to explore relevant clinical and non-clinical issues. *Prerequisites: Nu 702, Nu 704, Nu 706; Recommended/optional courses: Nu 705 and Nu 707*

Academic Calendar 2003-2004

		FALL SEMESTER – 2003	
Aug/Sept	30 - 1	Saturday-Monday	Student Orientation
September	2	Tuesday	CLASSES BEGIN
September	2 - 9	Tuesday-Tuesday	Add/Drop Period
October	13 - 14	Mon-Tues	Columbus Day – No Classes
October	24	Friday	Midterm
November	3 -18	Monday – Tuesday	Registration
November	26 - 28	Wednesday – Friday	Thanksgiving Vacation
December	12	Friday	Last Day of Classes
December	15 - 17	Monday – Wednesday	Final Exams
		WINTER SESSION 2003 – 2004	
January	5 – 16	Monday – Friday	Winter Session Classes
		SPRING SEMESTER – 2004	
January	19	Monday	Financial Clearance/Faculty meet with new students
January	20	Tuesday	Classes Begin
January	20 – 27	Monday – Friday	Add/Drop Period
March	5	Friday	Midtem
March	8 – 19	Monday – Friday	SPRING VACATION
March/April	29 - 9	Monday – Friday	Registration
May	7	Friday	Last Day of Classes
May	10 – 12	Monday – Wednesday	Final Exams
May	15	Saturday	Commencement
May Term	14 – 25	Monday – Friday	Classes
May	29	Tuesday	Summer School I
May	9	Monday	Summer School II
		SUMMER SCHOOL - 2004	
June	1	Tuesday	Session I Classes Begin
July	12	Monday	Session II Classes Begin

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Russell Strout, Director, South Portland Center

FINANCIAL AID
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Aubrey Anderson, Associate Director
Amber Wood, Assistant Director

HUMAN RESOURCES
Carol Mandzik, Director
Esther Jule, Human Resource Coordinator
Emuel Vassey, Director, Career Development and Employer Relations

INFORMATION RESOURCES
Kevin Casey, Executive Director of Information Resources and Library Services
Nicholas DeFlaminis, Network Administrator
Laurene Grendell, System Operator/Programmer Analyst
Reginald Lizzotte, Director, Administrative Data Processing
Heather Upham, Instructional Technologist

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Paul Husson, Director for Alumni Affairs
Terri Sleeper, Associate Director for Development

INTERNATIONAL CENTER FOR LANGUAGE STUDIES
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Robert Sedgwick, Associate Director, Dining Services
Jayne Thibodeau, Counselor
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Fran Tracy, Director, Student Development
Ryan Ward, Director, Mail Service Center

Faculty

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B.S. University of Maine
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B.A. Ricker College
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M.S. Idaho State University
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B.S. York University
M.A. Indiana State University
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Ph.D. Penn State University

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B.A. University of California at Berkeley
B.S. Washington University
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Dean, Graduate Studies
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J.D. Rutgers
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Ed.D. University of Maine

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2005/2006 Husson College Catalog Addendum

This is the official addendum to the Husson College catalog. It contains changes in tuition, curriculum, academic policy and related matters introduced since the 2004-2006 Catalog was published.

Financial Information for Fall 2005

Tuition and Fees: Day Division – Regular	$371 per credit hour
Day Division – 3rd, 4th, and 5th year O.T.	$13, 820 per academic year – flat rate
Day Division – 3rd, 4th, and 5th year P.T.	$14,380 per academic year – flat rate
CED – All Sites	$486 per 3 credit course, or $162 per credit hour
Graduate Division – Business	$699 per 3 credit course, or $233 per credit hour
Graduate Division – Nursing	$371 per credit hour
Room and Board – Standard	$2,015 per semester
Single Room Surcharge	$430 per semester
Room and Board – 4th Year P.T.	$2,415 per semester
Single Room Surcharge	$345 per semester
Room and Board – 5th Year P.T.	$3,015 fall semester
Single Room Surcharge	$430 fall semester
	$1,660 spring semester
Single Room Surcharge	$240
Room and Board – P.T. Clinical	$1,660 per semester
Single Room Surcharge	$240
Student Accident and Health Insurance	$605 per year

Program Additions and Changes

- Doctorate in Physical Therapy
- M.S. Criminal Justice Administration
- B.S. Criminal Justice/B.S. Psychology – Criminal Justice
- B.S. English
- B.S. Kinesiology – Human Movement Science
- B.S. Psychology-General/M.S. Occupational Therapy
- Advanced Master's Degree in Occupational Therapy
- M.S. Nursing – Acute Care Nurse Practitioner
- Delete Small Business Management Concentration
- Delete Family Business Management Concentration
- Add Small/Family Business Management Concentration
- Add History Minor

Course Additions

·	Cj	235	Criminology
·	Cj	405	Crime and Literature
·	Cj	410	Criminal Justice Internship
·	Cj	445	Advanced Criminal Procedure

- Cj 498 Basic Law Enforcement Training
- Ed 202 Methods of Teaching Outdoor Activities
- Ed 212 Developmentally Appropriate Elementary Activities
- Eh 103 Rhetoric and Composition I Studio
- Eh 104 Rhetoric and Composition II Studio
- Eh 123 Rhetoric and Composition I
- Eh 124 Rhetoric and Composition II
- Mi 131 Introduction to Information Systems
- Mi 132 Introduction to Information Systems Development
- Mi 241 Information System Management I
- Mi 242 Information System Management II
- Mi 341 Information System Management III
- Mi 361 Java
- Mi 362 Advanced Information System Development
- Ms 223 Research Design
- Nu 426 Policy Leadership and Management in Nursing
- Nu 724 Diagnostics and Interventions
- Nu 820 Acute Care I
- Ot 299 Special Topics in Occupational Therapy
- Pe 243 Individual Sports & Lifetime Activities
- Pt 615 Advanced Spinal Manual Therapy
- Pt 616 Sports Medicine
- Pt 617 Orthotics & Prosthetics
- Pt 618 Health & Wellness
- Py 347 Sexual Abuse, Trauma and Recovery
- Sc 135 Introduction to Meteorology
- Sc 334 Genomic Biology
- Sc 352 Biochemistry
- Sm 300 Principles & Qualities of Coaching

Change in Course Credit

- Ot 260 Service Learning II 1 credit
- Ot 499 Special Topics in Occupational Therapy 1 – 6 credits
- Ot 599 Special Topics in Occupational Therapy 1 – 6 credits
- Pl 210 Paralegal Internship Varying 3-9 credits

Change in Course Titles

- Eh 112 Approaches to Literature—Change to Eh 200
- Pt 432 Healthcare Communication & Documentation

Change in Grading

- Ot 260 Service Learning II Change grading from pass/fail to graded course
- Ot 261 Service Learning III Change grading from pass/fail to graded course

Change in Prerequisites

- CJ 235 Criminology New prerequisites are Sy 201 and Py 111
- Eh 200 Approaches to Literature New prerequisite is Eh 112

Deleted Courses

- Ot 270 Introduction to Research in Occupational Therapy
- Ot 271 Research Seminar in Occupational Therapy

Curriculum Changes

The degree requirements for the following programs have been modified. For the most recent information on requirements see the respective dean and program director:

- A.S. Computer Information Systems
- B.S. Accounting
- B.S. Accounting/MSB
- B.S. Computer Information Systems
- B.S. Computer Information Systems/MSB
- B.S. Business Administration – Sports Management
- M.S. Occupational Therapy

Course Descriptions

Cj 235 CRIMINOLOGY **3 CR.HR.**

This course introduces the major theories of crime causation developed over the past two centuries. It explores the scope and nature of the current crime problem in the United States. Cj 235 examines the characteristics of specific criminal behavior such as violent crime, property crime, organized crime, white-collar crime, and public order crime. Additionally, the course focuses on breaking down myths and stereotypes students may have formed about crime, and has them critically examine their own beliefs about crime. *Prerequisite: CJ 101, or by permission, Sy 201 is highly recommended*

CJ 405 CRIME AND LITERATURE **3 CR. HR.**
No standard course description. *Prerequisites: Py 111 and Eh 112.*

CJ 410 CRIMINAL JUSTICE INTERNSHIP **3-15 CR. HR.**
The student serves as an intern with a professional in a work setting (120 hours in a semester for each 3 credit hours) that requires both knowledge in related criminal justice fields and approaches to problem identification, analysis and recommendations. It is an unique way of combining practical experience and academic credit. It also allows the students to apply their knowledge in their major to areas and issues that interest them. The internship work setting may be in the public or private sector. The project, which is based on a written agreement among the student, professional and internship director, may be multidisciplinary but must have a strong criminal justice element. The student must be sufficiently motivated to seek out a placement site with some guidance from the internship director. *Prerequisites: Cj 101, Cj 215, Pl 200 and Cj 225 or by permission.*

CJ 445 ADVANCED CRIMINAL PROCEDURE **3 CR. HR.**
This course studies the legal doctrines and principles that guide American courts and other professionals in the administration of law enforcement and criminal justice. Criminal procedure can be described as the methods and rules by which society balances the conflicting governmental functions of maintaining law and order while protecting the individual rights of citizens. The course focuses on fourth, fifth and Sixth Amendment law, and how rights guaranteed under these constitutional amendments affect the prevention, detection, investigation, and prosecution of crime. Emphasis is placed on the law of arrest, search and seizure, admissions and confessions and pretrial identification. Upon successful completion of this course, the student will be able to (a) discuss in depth those rights guaranteed by the constitution on the fourth, Fifth, and sixth Amendments, (b) apply the law of arrest, search and seizure, admissions and confessions, and pretrial identification, to particular fact situations. *Prerequisites: Cj 225 and Pl 200.*

CJ 498 BASIC LAW ENFORCEMENT TRAINING **15 CR. HR.**
(Held at the Maine Criminal Justice Academy)
An 18-week program designed to qualify a student as a Maine law enforcement officer. The Academy will test a student's ability and willingness to assume the complex and challenging responsibilities of a modern law enforcement

officer, who is charged with keeping the peace, protecting State and Federal constitutional rights and enforcing applicable laws. *Prerequisites: Cj 101, Cj 215, Pl 200, Cj 221, Cj 225, Cj 235 or by permission. Student must contact Criminal Justice Director one semester in advance to perform all other prerequisite testing. Juniors and Seniors only. Instructors Consent Required.*

Ed 202 METHODS OF TEACHING OUTDOOR ACTIVITIES **3 CR. HR.**

Provides an opportunity to learn and utilize necessary skills for camping and outdoor recreation. Includes coverage of necessary equipment, orientation skills, basic first aid techniques, wilderness safety, wilderness survival, environmental care, and application of these concepts to the instruction of physical education.

Ed 212 DEVELOPMENTALLY APPROPRIATE ELEMENTARY ACTIVITIES **3 CR. HR.**

Exploration, participation, and analysis of a broad-based variety of physical activities that promote an optimal childhood development of movement foundations. *Prerequisite: Instructor's consent.*

Eh 103 RHETORIC AND COMPOSITION I STUDIO **1 CR.HR.**

A supplement to Rhetoric and Composition I (Eh 123), this course is required for students placed as basic writers and optional for all other students. Placed students must pass both this course and Rhetoric and Composition I in order to move on to Rhetoric and Composition II (Eh 124). Class meets once a week and class size is limited to eight students. Curriculum is coordinated with Eh 123 instructor and tailored to the needs of students.

Eh 104 RHETORIC AND COMPOSITION II STUDIO **1 CR. HR.**

A supplement to Rhetoric and Composition II (Eh 124), this course is required for students placed as basic writers and optional for all other students. Placed students must pass both this course and Rhetoric and Composition II. Class meets once a week and class size is limited to eight students. Curriculum is coordinated with Eh 123 instructor and tailored to the needs of students.

Eh 123 RHETORIC AND COMPOSITION I **3 CR. HR.**

This course teaches techniques for effective oral and written communication. In a workshop environment that features continual instructor and peer

evaluation, students develop a process approach to writing and speaking. Logical argumentation and academic conventions are the primary focus. Public speeches are based on written assignments that incorporate various source materials. As students explore connections between the written and spoken word, the significance of nonverbal language and listening skills are emphasized. A grade of C- or better is required to pass the course.

Eh 124 RHETORIC AND COMPOSITION II **3 CR. HR.**

This course teaches techniques for effective oral and written communication. In a workshop environment that features continual instructor and peer evaluation, students develop a process approach to writing and speaking. Logical argumentation, academic conventions, and research-related skills are the primary focus. Public speeches are based on written assignments that incorporate various source materials. As students explore connections between the written and spoken word, the significance of nonverbal language and listening skills are emphasized. A grade of C- or better is required to pass the course. *Prerequisite: Eh 123.*

Mi 131 INTRODUCTION TO INFORMATION SYSTEMS **3 CR. HR.**

Course surveys the historical, social and technological contexts of modern computing and computer science. Students are exposed to material through lectures and a number of online lab activities.

Mi 132 INTRODUCTION TO INFORMATION SYSTEM DEVELOPMENT **3 CR. HR.**

Students construct web pages using Hypertext Markup Language (HTML) and JavaScript. Emphasis is on structures and concepts used in development. Internet technologies, including TCP/IP protocols, client/server programming, and security are discussed. *Prerequisite: Mi 131*

Mi 241 INFORMATION SYSTEM MANAGEMENT I **3 CR. HR.**

This course explores concepts and technologies for modern desktop computers including microprocessors, memory, storage devices, and peripherals. Both DOS and WIN9x are discussed.

Mi 242 INFORMATION SYSTEM MANAGEMENT II 3 CR. HR.
A continuation of Mi 241, this course explores more advanced technologies. Provides preparation for industry certification exam. *Prerequisite: Mi 241*

Mi 361 JAVA 3 CR. HR.
This course focuses on problem solving using an object-oriented programming language. Emphasis is on programming using modern practices. *Prerequisite: Mi 262*

Ms 223 RESEARCH DESIGN 3 CR. HR.
This course introduces basic concepts and skills needed for understanding and conducting research in the social, educational and health sciences. Students will receive a basic introduction to the fundamentals of research—what it involves, what types exist, and how to design and conduct such research. Examined are the essential terms and concepts of research necessary for students to critically evaluate research literature, develop solid research questions, and plan simple research projects. Students will acquire foundation knowledge through readings and lecture. Active engagement with the research process will occur through class participation, exercises, literature reviews, development of research questions, and creation of inquiry strategies for answering research questions. *Prerequisite: MS 132*

Nu 426 POLICY LEADERSHIP AND MANAGEMENT IN NURSING 3 CR. HR.
This course provides conceptual and practical basis for examining role transition from student to beginning practitioner. Emphasis is placed on the application of leadership principles. A major focus is skills used by nurses in complex organizational environments.

Nu 724 DIAGNOSTICS AND INTERVENTIONS 3 CR. HR.
In this theoretically and clinically based course the Acute Care Nurse Practitioner Student will acquire assessment and procedural skills in the clinical management of selected adult patients. This course introduces the Acute Care Nurse Practitioner (ACNP) role and responsibilities relating to selection of diagnostic studies and performing selected procedures that will be necessary for assessing and treating the seriously or critically ill adult patient. This course content will include reviewing and learning the process of selection studies. Additional content will include preliminary interpretation of EKG,

conventional and CT radiological studies, and evaluating the results of diagnostic studies. Modification of patient care following abnormal studies will be presented. In addition, procedures frequently encountered in the acute care setting will be demonstrated in a lab followed by an opportunity to practice selected procedures. Procedures include intubations, central line placement, I & D of skin abscesses, lesion excision, suturing and casting/splinting injured extremities. Ethical considerations of utilizing diagnostics and performing interventions will be addressed. *Prerequisites: NU 702, 704, 706 and Instructor Consent*

Nu 820 ACUTE CARE I **6 CR. HR.**

This course focuses on theories, knowledge and advance practice skills relevant to the care of patients in acute care and other settings. Students will explore issues relevant to the role of the Acute Care Nurse Practitioner (ACNP) with a focus on identification of the contributions ACNP's provide to the health care system. Course content will emphasize the knowledge and critical thinking skills needed to manage the care of acutely and chronically ill patients through all phases of hospitalization and clinic care. Health promotion, diagnostic reasoning and intervention rationales for the restoration of physiologic function using a system specific approach will be used for evaluating patients with an emphasis on the cardiac and pulmonary systems. Discussions of the pharmacodynamics of medications commonly prescribed in acute care will be integrated into the didactic sessions. Opportunities will be made available in both the classroom and clinical setting to explore the role of the advanced practice nurse who provided acute care to these patients. The clinical practicum will present the acute care nurse student with precepted clinical experience in assessing, planning, managing and evaluating care for adults with critical/acute care needs at a variety of rural and urban sites. *Prerequisites: Nu 702, 704, 706, 724, and Instructor Consent*

Ot 299 SPECIAL TOPICS IN OCCUPATIONAL THERAPY

1-6 CR. HR.

This course of variable content will provide students with the opportunity to explore selected topics in occupational therapy under the guidance of occupational therapy faculty.

Pe 243 INDIVIDUAL SPORTS AND LIFETIME ACTIVITIES **3 CR. HR.**

This is a three-credit course designed to present individual sports with progressive leadups games and strategies. Individual activities for lifetime participation would also be emphasized. Prospect physical educators (students) will be actively involved in instructions through employment of the sport education model of learning. The Maine Learning Results and Performance Indicators will be included in order to conform with State Teacher Certification. *Prerequisites: P.E. majors or with consent.*

Pt 615 ADVANCED SPINAL MANUAL THERAPY **3 CR. HR.**

This elective course is designed to provide the student with a more in-depth approach to evaluation and treatment techniques for the spine, pelvic girdle and ribs from a manual therapy perspective. The main emphasis of the course will be on improving clinical reasoning skills in identifying the specific lesion(s) and the treatment approach. The second goal is to improve manual skills that emphasize the Nordic approach, the Australian lumbar and pelvic stabilization concepts and the use of exercise in rehabilitation. The treatment concepts are based on current scientific research principles. The lab sessions emphasize the development of palpation and technique application skills. The integration of manual therapy skills with exercise programs and patient education is an important component of this course. *Prerequisites: PT 410,411,515,516,550,552 and Senior Status*

Pt 616 SPORTS MEDICINE **3 CR. HR.**

This elective course is designed as an overview of sports medicine from a physician-based model and a sports therapist perspective. This course includes a review of musculoskeletal therapies with an emphasis on manual skills for prevention, evaluation, and treatment of athletic injuries. The physician-based model provides an overview of all body systems as they pertain to athletics. Topics will emphasize variations from young to old and male to female athletes. *Prerequisites: Senior Status and Instructor Consent*

Pt 617 ORTHOTICS & PROSTHETICS **3 CR. HR.**

This elective course provides an analysis of contemporary upper and lower-limb orthotic and prosthetic components and trunk orthoses, including the biomechanical principles upon which the designs are based. Topics include

the static and dynamic evaluation of patients fitted with orthoses and prostheses. Discussion will also include recent trends in early and prosthetic management for adults and children with amputation. The role of physical therapist as part of the rehabilitation team in selecting orthotic and prosthetic devices will be examined. *Prerequisite: Senior Status*

Pt 618 HEALTH AND WELLNESS **3 CR. HR.**

This course is an advanced elective course for 5th year physical therapy students. It is designed as an overview of health and wellness as it can be incorporated into a physical therapy practice. This course will review statistics, risks, treatment options, and prevention strategies for many chronic health problems. Age and gender differences will be reviewed in the discussion of treatment and prevention strategies. Students will work in groups to develop and present a health and wellness business proposal. The final copy of this proposal will be in a format suitable to deliver to the student's next employer. *Prerequisites: Seniors only, Instructor's consent required.*

Py 347 SEXUAL ABUSE, TRAUMA AND RECOVERY **3 CR. HR.**

The theory and methodology of trauma counseling, sexual abuse and the effects of abuse upon the victims is examined. The therapist's role in gaining awareness of abuse and recognizing the sources of trauma and developing a recovery plan through the use of available resources for prevention and treatment in the State of Maine, are also studied. Prerequisites: Py 111, Py 241, Py 332, Py 345 and Instructor Consent.

Sc 135 INTRODUCTION TO METEOROLOGY **3 CR. HR.**

The purpose of this course is to provide the student with a basic understanding about weather phenomena and how weather is predicted. Students will learn the terminology used in weather prediction. They will be able to explain the water cycle and how the sun affects our weather. They will study the effects of atmospheric circulation. Students will be able to identify a variety of cloud formations and be able to make predictions based on observations of temperature, pressure, humidity, wind direction and sky cover. Students will learn how data on weather is collected, how our weather is or may be changing and how forecasters make predictions based on previous and current weather observations.

Sc 334 GENOMIC BIOLOGY **3 CR. HR.**

This class will explore patterns of inheritance (traditional genetics), the molecular mechanisms of biological information management (molecular biology), and the technologies that are used to obtain and use the information contained within genomes (genomic science). Completion of a rough draft of the human genome in February, 2001 changed the way we think about genetics in biology. The ability to sequence a genome quickly and efficiently has generated enormous amounts of genetic data and opened up avenues of inquiry that were previously closed to scientific investigation. This course will trace classical genetics, chromosome maps, the structure of DNA, gene expression and regulation, and the tools of molecular biology and genomic analysis. *Prerequisite: SC/SL 121 & SC/SL 122*

Sc 352 BIOCHEMISTRY **3 CR. HR.**

In this offering, the student will be exposed to reductionism in the field of biology. Biochemistry overlaps and articulates with many fields of endeavor. The discipline embraces physiology, pharmacology, enzymatics, nutrition, immunology, structural biology, biotechnology, and molecular biology all at the same time. The course curriculum will focus upon the role of enzymes in guiding metabolic processes and pathways. The student will come to understand the details of biological functioning at these three levels of organization: Metabolism, metabolic pathways, enzymatic mechanisms and kinetics. *Prerequisites: SC/SL 121 & SC/SL 122*

Sm 300 PRINCIPLES & QUALITIES OF COACHING **3 CR. HR.**

This class is designed to educate, prepare and certify individuals to coach at all levels. Students will obtain an (ASEP) American Sports Education Program Certification upon completing the instruction and passing the test. A CPR and First Aid certificate will also be issued after completing the specific testing required. Principles and Quality of Coaching will cover all aspects of coaching including: Developing a coaching philosophy, effective communication among coaches, players, parents, officials, media and the community. How to conduct tryouts, motivating players, building a program, how to deal with college coaches recruiting players, practice plans, game preparation, etc.