

1994

University of Southern Maine Course Catalog Summer 1994

University of Southern Maine

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University of Southern Maine



1994

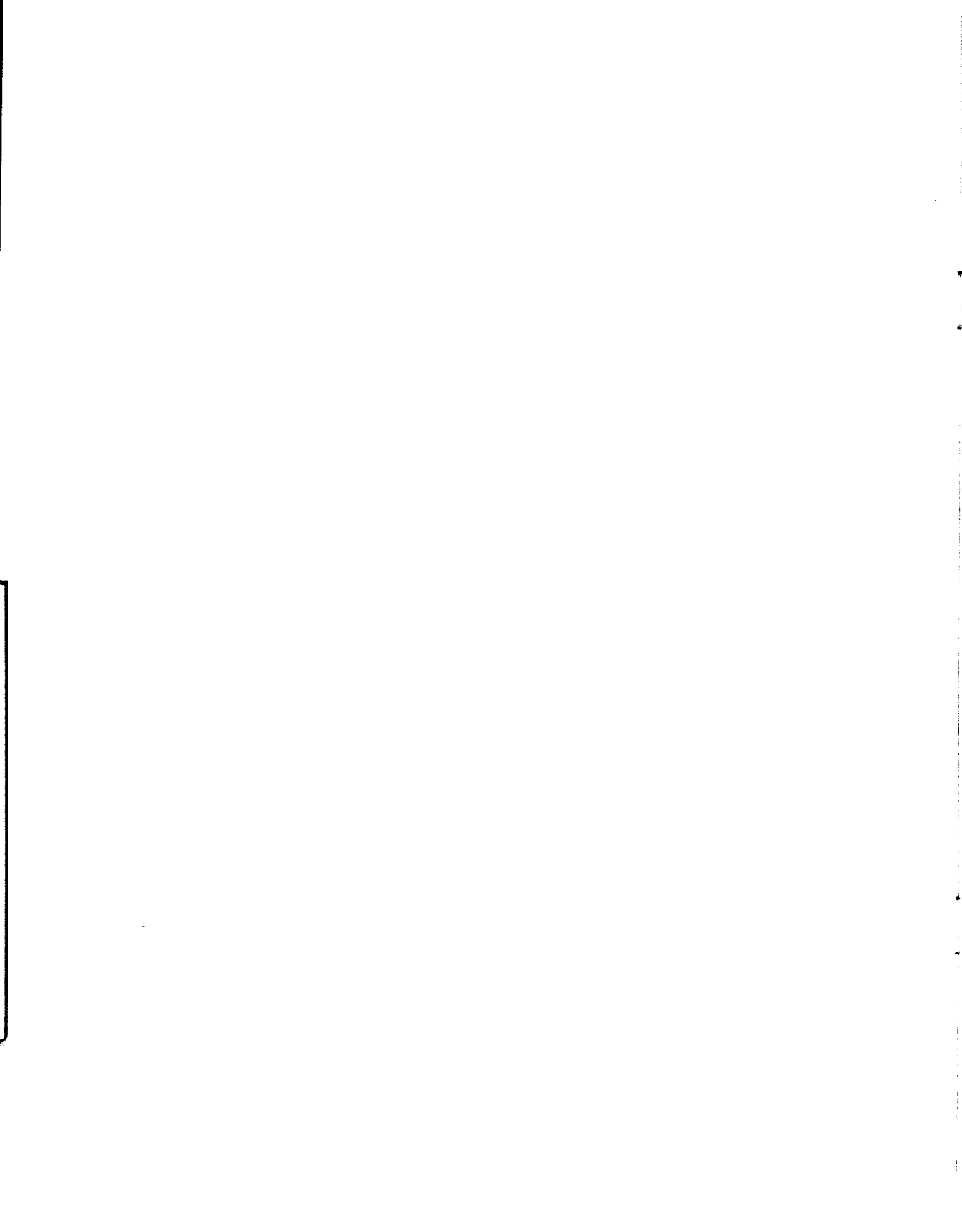


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Directions to the Portland campus (Registrar's office, 101 Payson Smith Hall)—From either north or south, take the Maine Turnpike to I-295, exit 6B (Forest Avenue North). Turn left at the second traffic light (Falmouth Street). Park in Visitor's Lot on Falmouth Street directly after Payson Smith Hall.

Direction to the Gorham campus (Registrar's office, 113 Corthell Hall)—From either north or south, take the Maine Turnpike to Exit 8 (Portland/Westbrook). Follow signs to Gorham on Route 25 west. At Gorham center, turn right onto Route 114. Take first left onto College Avenue and first right at the USM sign. Once on campus, turn right and park in the Visitor's Lot in front of Corthell Hall.

USM does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability, or veteran's status and shall comply with Section 504, Title IX, and the ADA in employment, education, and all other areas of the University. The University provides reasonable accommodations to qualified individuals with disabilities upon request. Discrimination inquiries can be directed to Sue Ellen Bordwell, 780-5094, TDD, 780-5646, or to the Office of Civil Rights, (617) 223-9692. If you need special services, assistance, or accommodations to participate fully in this program contact Rosa Redonnett, at 780-4076 or TT (teletex/TDD) 780-5646. Requests for reasonable accommodations must be received 48 hours before an event.

The University of Southern Maine reserves the right to revise, amend, or change items in this catalog from time to time. Readers of this catalog should inquire as to whether any such revisions, amendments, or changes have been made since the date of publication. The University reserves the right to cancel course offerings, to set minimum size of classes, to change designated instructors in courses, and to make decisions affecting the academic standing of anyone participating in a course or program offered by the University of Southern Maine

Summer Information 1994

Registration begins Monday, April 18 and continues through the beginning of each session.

	<i>Session 1</i>		<i>Session 2</i>	<i>Session 3</i>		<i>Session 4</i>
	<i>7-Week Session</i>	<i>4-Week Session</i>	<i>6-Week Session</i>	<i>7-Week Session</i>	<i>4-Week Session</i>	<i>Variable Session</i>
	<i>May 23-July 8</i>	<i>May 23-June 17</i>	<i>June 27-August 5</i>	<i>July 11-August 26</i>	<i>July 11-August 5</i>	<i>Variable Dates</i>
Residence Halls Open	Sun., May 22 2:00 p.m.	Sun., May 22 2:00 p.m.	Sun., June 26 2:00 p.m.	Sun., July 10 2:00 p.m.	Sun., July 11 2:00 p.m.	Arranged
First Day of Classes	Mon., May 23	Mon., May 23	Mon., June 27	Tues., July 11	Mon., July 11	Variable
Last Day to ADD or Change Credit or Grade Options*	*As a general rule, students may add classes through the second class meeting					
Last Day to DROP to receive 100% tuition refund	May 20	May 20	June 24	July 8	July 8	Variable
Last Day to DROP with no grade notation	May 27	May 25	July 1	July 15	July 13	Variable
Last Day to WITHDRAW with Grade of 'W'	June 17	June 7	July 19	August 5	July 26	Variable
Session Ends	July 8	June 17	August 5	August 26	August 5	Variable

Holidays:

University closed on Monday, May 30, Memorial Day and Monday, July 4, Independence Day.

Please Note: Monday/Wednesday classes during the 7-Week Session 1 (May 23-July 8) will have an additional class meeting on Friday, June 24.

The dates shown in this calendar are subject to change at any time by official action of the University of Southern Maine.

There is no University bus service available during summer session.

Most offices on campus are open from 8:00 a.m. to 4:30 p.m. and will have extended hours to accommodate student registration. The offices are listed below.

- Advising Services Center • 110 Payson Smith (Portland) • 780-4040
- Department of Conferences • 68 High Street (Portland) • 780-5960
- Financial Aid • 202 Corthell Hall (Gorham) • 780-5250
- Graduate Education • 118 Bailey (Gorham) • 780-5306
- Professional Development Center • 305 Bailey Hall (Gorham) • 780-5326
- Registrar's Office • 113 Corthell (Gorham) • 780-5230 • 110 Payson Smith Hall (Portland) • 780-4842
- Student Billing Office • 128 Payson Smith (Portland) • 780-5200 • 110 Corthell Hall (Gorham) • 780-5200
- Student Life • 100 Upton Hall (Gorham) • 780-5240 • Campus Center (Portland) • 780-4090
- Summer Housing • 100 Upton Hall (Gorham) • 780-5240
- Summer Session • 101 Payson Smith (Portland) • 780-4076 or 1-800-800-4USM, ext. 4076

*Extended Hours for Registration**

- Portland Advising Services Center • 110 Payson Smith • May 23-24 • July 11-12 • (8:00 a.m.-7:00 p.m.)
- Summer Session Office • 101 Payson Smith • April 18-21 • May 23-24 • July 11-12 • (8:00 a.m.-7:00 p.m.)
- Student Billing Office • 128 Payson Smith • April 18-21 • May 23-24 • July 11-12 • (8:00 a.m.-7:00 p.m.)

University of Southern Maine

Welcome to the University of Southern Maine (USM). Our Summer Session program is designed with you in mind, with more than 350 courses, special workshops, and institutes. Whether you listen to a reading or improve your writing at the Stonecoast Writers' Conference, participate in an archaeological field program, learn about childhood psychopathologies, brush up on a language, work on your recertification, or take one more (or your first) step toward your degree, the USM Summer Session has something for you.

With a variety of sessions and flexible scheduling, Summer Session allows you the freedom to choose the mix of courses, session lengths, and times that best fit your individual needs and interests. You do not have to be a matriculated, degree candidate to enroll in summer classes. Several special programs are offered in the summer which are not available at any other time—see the Special Programs section of this catalog for information about these exciting offerings.

With registration sites located at the Portland, Gorham, and Lewiston-Auburn campuses of USM and at three University of Maine System sites (Bath/Brunswick, Saco/Biddeford, Sanford), as well as some phone-in registration dates, USM makes it easy for you to register where you want to register. Registration begins April 18. Make USM your choice this summer!



The University of Southern Maine is a coeducational, public university located in Portland, Gorham, and Lewiston-Auburn, Maine, with an enrollment of nearly 10,000 students during the regular academic year and over 4,500 students during the summer. The University is accredited by the New England Association of Schools and Colleges.

The campuses of USM offer a number of unique points of interest—a blend of the old and the new. On the Gorham campus, which is more than 100 years old, is the McLellan House, dating from 1773 and believed to be the oldest brick house in the state. The Art Gallery, built in 1878, was an early Gorham town hall. Corthell Hall was named in 1878 for the first president. The President's house was built in 1906 and is the home of the president.

Among the Portland campus buildings are the Alumni Center, the only remaining building of the Deering Estate, an eighteenth century farm; the seven story law building which houses the School of Law and many University administrative offices; and the Science Building, which houses the Southworth Planetarium, considered to be one of New England's finest planetariums.

In addition, the Intown Center at 68 High Street was the early site of Portland Children's Hospital, was later the first location of the University of Maine School of Law, and now provides a convenient location for noncredit programs, as well as a site for USM's Community Television System.

Students and visitors to campus are encouraged to take advantage of the University's ideal location. An attractive vacation area, southern Maine offers many activities for visitors in the summer. A nationally recognized orchestra, resident theatre and dance companies, an exciting art museum and picturesque shopping areas make the city of Portland a cultural center for the area. The surrounding lakes, mountains, and beautiful Maine coast offer a variety of recreational activities during the summer. Two coastal state parks (Crescent Beach and Two Lights) are about a half-hour's drive from either campus. To the west, Sebago Lake State Park is about a 45-minute drive from the Gorham campus.

Summer Session is part of the Office of Extended Academic Programs. Other departments include Winter Session, International Programs, National Student Exchange, English as a Second Language, and Off-Campus Programs. With creative and diverse programming, all of these departments offer a variety of educational options for our students, both here and abroad.

Registration Information

Registration begins April 18, 1994

Phone-in Registration (using VISA or MasterCard only)

Students may register by telephone for undergraduate courses and graduate courses except those offered by the School of Business, Economics and Management and the School of Nursing by calling the Registration Services Office at: (207) 780-4408. Please have your card number ready. **Phone-in registration begins April 18 and will run for the following weeks only: April 18-22, May 16-20, July 5-8. Please note that the phone lines are extremely busy during the first week of registration. If you live or work close to one of the USM campuses or UMS off-campus sites, you are encouraged to go to that site to register.**

Mail-in registrations for undergraduate and graduate courses are not accepted.

Undergraduate Registration

Academically qualified students may take courses in the summer, even though they have not been accepted into a degree program. Before registering, students should read carefully the course prerequisites in the course description.

Advising Academic advising for students with declared majors is available by contacting specific academic departments. Academic advising for undeclared or non-matriculated (special) students is available through the Advising Services Center in Payson Smith Hall on the Portland campus. This center provides academic advising to assist students in interpreting University curricula requirements and in making decisions regarding the appropriate selection of courses for which they may register.

Undergraduate Registration Procedures

Undergraduate Registration (walk-in): All students taking undergraduate courses may register in person at the Registration Services Office or Summer Session Office in Payson Smith Hall on the Portland campus, the Registrar's Office on the Gorham campus, the Lewiston-Auburn College, or any off-campus site. Students registering for courses in the School of Business, Economics and Management or the School of Nursing must register at those schools (Luther Bonney Hall and Masterton Hall, respectively). This registration may be made through the second class meeting. Please note the office hours for registration in the Summer Hours, Offices and People section of this catalog.

Graduate Registration

Students holding a baccalaureate degree may register for graduate courses (courses with a number of 500 or higher) even though they have not been accepted into a degree program, providing there is space in the course and that all course prerequisites have been satisfied. Exception: Due to national accreditation standards, no MBA graduate courses may be taken by individuals not meeting the "1050 rule." Contact the MBA Program for details on this restriction (780-4184).

Graduate Registration Procedures

Graduate Registration (walk-in): Students taking graduate courses may register in person at the Registrar's Office (Corthell Hall, Gorham), the Registration Services (110 Payson Smith Hall, Portland) or the Summer Session Office (101 Payson Smith Hall). Registrations will be processed from April 18, 1994 through the Friday preceding the beginning of each session. **Please note that payment must be made at the time of registration.**

Graduate Programs

Graduate Admission: To be admitted to a graduate program, an applicant must have received a baccalaureate degree from an accredited college or university and must show ability to pursue advanced study and research. All applicants, except those for the MBA program, are required to provide the results of their performance on either the Graduate Record Examination or Miller Analogies Test. Applicants for the MBA program should present scores from the Graduate Management Admission Test in lieu of GRE scores or MAT scores.

An application is not considered complete until all the required transcripts, appropriate test scores, and letters of recommendation are on file. All material sent in support of an application for admission becomes the property of USM and will not be returned to the student.

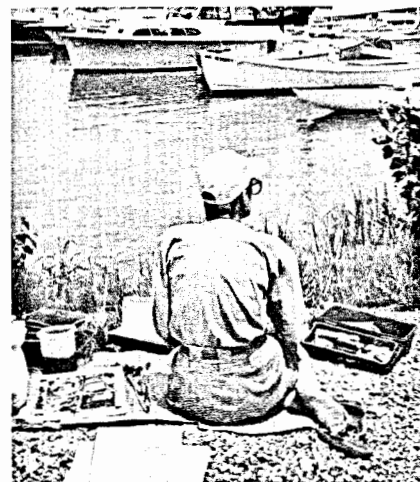
For information regarding admission to any of USM's graduate programs contact:

Office of Graduate Affairs
University of Southern Maine
96 Falmouth Street
Portland, Maine 04103
(207) 780-4386

For specific program information, contact:
College of Education, 780-5306; School of Business, Economics and Management, 780-4184; School of Nursing, 780-4130; School of Law, 780-4346.

General Policies Related to Undergraduate and Graduate Registration

Audit Students may register for courses on a noncredit basis. With a noncredit registration, the student may participate in classwork,



but is not required to take examinations. A noncredit registrant should know, however, that state Departments of Education do not accept for certification or other purposes any course taken on a noncredit basis. An audit registrant is required to pay full tuition for the course.

Course Cancellation The University reserves the right to cancel courses in the case of low enrollment.

Degree Applications Students who expect to complete associate, baccalaureate, or graduate degree requirements this summer should submit an Application for Degree. These forms are available in the Registrar's Office.

Failure to Withdraw Penalty Failure to submit notice of withdrawal may result in a failing grade and a financial liability. Discussion with faculty members is not proper notification of change. In the case of a student withdrawal after the automatic grade "W" period, the student will receive a grade designation to be determined by the instructor.

Grades and Transcripts Grades for summer classes are processed within seven days of the end of each summer class. These grades can be accessed through *USM Responds*, the interactive voice response system of the University of Southern Maine. Call 791-USMR (791-8767) and follow the directions given on that line to access your grade. Grade reports will not be mailed during the summer.

Students who desire official documentation of work completed during a summer session must complete a Transcript Request form at the Registrar's Office. Transcripts will be updated with summer session work when a grade is received by the Registrar. The fee for a transcript to be sent outside the University of Maine System is \$3.00 per copy. There is no charge for transcripts sent within the University System. All University charges must be paid before a transcript is released.

Independent Study All courses entitled Independent Study require the use of a special advance approval form, available upon request from the Registrar's Office or the Reg-

istration Services Offices. This form must be completed in advance of registration.

Registration (Changes) Students may not add a course after the second class has met. Changes to or from pass/fail, audit, and repeat must be done before the second class meeting. To add or drop a course or make other changes after registration is completed, the student must complete the proper forms at the Registrar's Office on the Gorham campus or the Registration Services Office on the Portland campus. All courses added must be paid for at the time of registration.

Registration for pass/fail, audit, and repeat courses must be declared by the students at the time of registration.

Registration (Late) Students in attendance at the first and/or second class meeting must complete and submit registration forms not later than the second class meeting.

Variable Credits Students wishing to register for variable credit courses must complete a Variable Credit Approval form, obtain proper approval, and specify the credit hours for which they will register.

Maine Immunization Law Current Maine State Law requires all degree students (and non-degree students taking 12 or more credit hours), and who were born on or after January 1, 1957, to show proof of immunization against measles (rubeola), rubella, mumps, tetanus, and diphtheria BEFORE the student registers for classes. Any student who has already demonstrated proof of immunization to the University of Southern Maine does NOT need to show proof again.

Educational Network of Maine

The Educational Network of Maine offers associate, baccalaureate, and graduate courses via live, interactive television (one-way video and two-way audio). Network courses are available at the University of Maine System off-campus centers in Saco/Biddeford and Sanford. In addition, these courses may be offered at Kennebunk, Massabesic, Noble, Bonney Eagle, and Wells High Schools. For a complete listing of courses by location, contact any off-campus center, the Registrar's office, or the University of Maine at Augusta, 1-800-696-6000.



Tuition and Fees

There are three types of tuition charged: undergraduate, graduate, and law. Tuition charges are calculated by multiplying the number of credit hours attempted by the rate established. Courses being audited are included in this calculation.

Tuition Charges Per Credit Hour

(As of January 1994)

Undergraduate	
Maine Resident	\$96.00
Non-Resident	\$272.00
NEBHE	\$144.00
Graduate	
Maine Resident	\$132.00
Non-Resident	\$373.00
NEBHE	\$198.00
Law	
Maine Resident	\$228.00
Non-Resident	\$452.00
NEBHE	\$342.00

The tuition charged for undergraduate courses offered at Lewiston-Auburn College or the University of Maine System Centers at Bath-Brunswick, Saco-Biddeford, or Sanford is slightly lower. For more information, contact the site where the course is being offered.

Tuition rates are established by the University of Maine System Board of Trustees. The University reserves the right to adjust these charges to respond to changing costs, state and/or federal legislative action, and other matters. Such adjustment may be made any time prior to the date of final registration for a given academic term. A student acknowledges this reservation by applying for admission or registering for courses.

Technology Fee

This is a mandatory \$3.00 per credit charge. The money generated by this fee is used to purchase computer hardware and software used by students.

Some specialized courses require payment of a fee in addition to tuition and are designated in the course schedule. For information, contact the Summer Session office.

Payment Procedures

University charges are due at the time of registration. A \$25.00 late fee will be assessed if payment is not received.

Cash Cash payment may be made at the Student Billing Office or at an off-campus center. Cash should not be mailed.

Checks Checks should be made payable to the University of Southern Maine. The student's name and social security number should be shown on the check. If a check is returned for non-payment, a \$10.00 fee is charged.

Credit Cards The University accepts both MasterCard and Visa for payment of tuition and mandatory fees. The minimum allowable transaction is \$25.00.

Third Party Payments The University will bill an employer or agency that guarantees the payment of a student's charges. The employer/agency must provide written payment authorization before the student registers. Conditional payment offers cannot be accepted.

Senior Citizen Tuition Waiver The University of Maine System Board of Trustees has authorized the waiver of tuition charges for any person age 65 or over who shows evidence of financial need. Permission to enroll is granted on a space available basis. An application for a Senior Citizen Tuition Waiver must be completed at the time of registration. Proof of age is required.

Payment Plans

Students registering prior to May 1, 1994, are eligible to participate in the University's three-payment plan. At the time of registration, the student must pay one-third of the total balance due. Subsequent payments are due on May 27, 1994 (one-half of the outstanding balance) and June 24, 1994 (remaining balance). Students electing this option are charged a \$15.00 installment payment plan fee.

Bills are mailed no less than five days in advance of the payment due date. The bill is sent to the student's local address, as shown on the Registrar's files. If payment is more than five working days late, a \$25.00 late payment fee is assessed (the late fee is charged no more than once during the summer). Students who don't make timely payment may be prohibited from using the payment plan and required to make payment in full before future registrations are accepted.

Adjustment of Charges

Students who withdraw are assessed charges in accordance with schedules established by the University of Maine System Board of Trustees. The date the Registrar receives written notification of withdrawal is used when calculating refunds. For more information, please consult the University catalog.

Refunds

Students who drop a course or withdraw from the University may receive partial refunds of tuition based upon the following schedule:

Sessions which are more than three weeks.
 Cancellation prior to first day of class: 100%
 Withdrawal prior to end of first week: 75%
 Withdrawal prior to end of second week: 50%
 Withdrawal prior to end of third week: 25%
 Withdrawal after third week: 0%

Sessions which are three weeks

Cancellation prior to first day of class: 100%

Withdrawal prior to end of first week: 50%

Withdrawal after first week: 0%

Proportional adjustments are made to charges for courses and institutes lasting less than three weeks.

University fees are not refundable.

On-Campus Accommodations Refunds

Cancellation prior to arrival

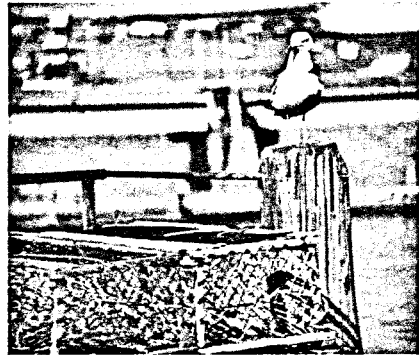
Full refund less any required deposit

Cancellation in writing after arrival but prior to mid-point of reserved stay

50% refund

Cancellation in writing, at or after mid-point

No refund



Accommodations and Dining

On-Campus Accommodations

Nightly, weekly, and full Summer Session accommodations are available on the Gorham campus and at Portland Hall, 645 Congress St., Portland, from May 22-August 27. Furnishings include a bed, desk, desk chair, closets, drawer space, and overhead lights. **Study lights and fans are not provided and it is recommended that you bring your own.** Major kitchen appliances are provided in Portland Hall suites. Bathrooms in Gorham are the community type and separate for men and women. All Portland Hall rooms/suites have in-unit baths. Pets are not permitted in residence halls. Health and fire regulations prohibit cooking in residence hall rooms (except Portland Hall suites). Room/suite types (e.g., singles) may be limited and assigned on a first-come, first-served basis. If you choose a double and do not specify a roommate, one may be assigned to you.

On-Campus Dining

Meals and snacks are available on both campuses. Portland Hall and the Gorham Summer Session Hall have small common kitchens for student use. Information regarding locations, schedules, and prices will be available upon arrival for Summer Session.

Reservation and Payment Policy

- Reservations for full summer—send \$75.00 nonrefundable deposit. You will be billed for the balance with your confirmation notice.
- All other reservations—send no money. You will be billed with your confirmation notice.
- All balances due at or before check-in unless a payment plan has been arranged (4-week stay or more only). Payment plan information will be sent with your confirmation.
- Confirmation notices and bills for reservations made one week or less prior to stay will be held at the Summer Housing Office on campus of residence.
- Refund Policy for on-campus accommodations can be found in the Tuition and Fees section of this catalog.

Off-Campus Dining/Lodging/Camping

For information regarding off-campus services, contact: Convention and Visitors Bureau, 305 Commercial Street, Portland, Maine.

Please note: Summer Session housing is available only during Summer Session (May 22-August 27). Arrangements before and after these dates may be possible via separate arrangements and at an additional cost.

1994 Summer Session Housing Request

Name _____ Current Address _____

Telephone _____ Birthdate _____ Soc. Sec. # _____

Physical/special needs _____ Roommate(s) Preference _____

Date of Arrival _____ Date of Departure _____ Courses/Programs planned _____
(no earlier than 5/22/94) (no later than 8/27/94)

Accommodations (Please specify preference as 1, 2, or 3: we will make every attempt to honor your first preference)

___ Portland Hall	___ Gorham	Rates	Nightly	Weekly	Full Summer
___ Single	___ Single	Single	\$ 15	\$ 90	\$ 1050
___ Double	___ Double	Double	\$ 12	\$ 70	\$ 875
___ Suite (Single)*	___ Telephone	Suite (S)	\$ 30	\$ 100	\$ 1150
___ Suite (Double)*	___ Linen	Suite (D)	\$ 20	\$ 80	\$ 800
___ Telephone		Suite (T)	\$ 10	\$ 70	\$ 700
___ Linen					

Linen = \$1.25/night
 Telephone = \$60.00 flat fee

* Suite accommodations available in Portland only.

Return form to: Summer Housing, University of Southern Maine, 100 Upton Hall, Gorham, Maine 04038. Phone (207) 780-5240.

Campus Resources and Services

Parking

All faculty/staff and Summer Session student vehicles not previously registered for the 1993-94 academic year must be registered and display a valid decal.

Effective May 16, 1994, the vehicle registration fee will be \$10.00. All decals expire August 31, 1994.

Vehicles may be registered at Student Billing, Payson Smith Hall on the Portland campus, and at Police and Safety, Upton Hall on the Gorham campus. Please bring your vehicle registration with you.

Bookstore

Both Portland and Gorham campus stores are open from 8:00 a.m. to 4:00 p.m., Monday through Friday. The stores will be open for extended hours at the beginning of several sessions. Please call to check for specific hours.

We will mail textbooks to any student who is unable to obtain textbooks within our regular business hours. There is a small handling charge for this service. Please call the Bookstore (780-4070, Portland or 780-5476, Gorham) to obtain the correct price, tax, and shipping fee, so that you may mail a check before USM Bookstores will ship the textbooks.

Please note: Textbooks for a Gorham campus course are located only in the Gorham Bookcellar, and the Portland course books are only in the Portland bookstore.

Cash refunds for texts will be made if the following conditions are met:

1. Refunds will be made for a period of one week (5 working days) from the first day of class.
2. If a course is for less than one week, refunds will be made on the first day of class only.
3. All refunds must be accompanied by the cash register receipt and by class registration materials.
4. Books must be in new, resaleable condition unless purchased as used.

Library

The University Library provides a full range of services on both campuses (Portland—the corner of Forest Ave. and Bedford St.; Gorham—Bailey Hall). Among the services available are: circulation and reserves, informational and research reference, bibliographic instruction, electronic database searching, and interlibrary borrowing.

Portland and Gorham Campuses

Monday-Thursday	8:00 a.m.-10:00 p.m.
Friday	8:00 a.m.-5:00 p.m.
Saturday	9:00 a.m.-5:00 p.m.
Sunday	10:00 a.m.-6:00 p.m.

Holiday and intersession hours will be as posted or may be heard by calling 780-4507.

Educational Media Services

Portland Campus: 780-4280

Gorham Campus: 780-5356

Hours: Mon.-Fri., 8:00 a.m.-4:30 p.m.

Classroom audio visual equipment is available from 8:00 a.m. to 10:00 p.m. Weekend and special equipment needs can be met by prior arrangements.

Academic Advising

The Advising Services Center provides comprehensive academic counseling for students who are: undeclared, or undecided about a major; admitted with conditions; and non-degree. The Advising Services Center is also responsible for evaluating prior learning through CLEP and DANTES exams, military records, portfolios and other procedures, and provides transfer credit evaluations for all undergraduate international students.

Veterans Services, the Peer Advising Program, and New Student Orientation are coordinated through the Advising Services Center, as well as information regarding financial aid, admission and registration. The Advising Services Center is located in 110 Payson Smith Hall on the Portland campus (780-4040).

Counseling

Through a staff of professional psychologists and counselors, the Counseling office assists students with personal counseling needs. As part of these services, the office provides testing and referral as deemed appropriate. For more information contact: Counseling, 106 Payson Smith Hall, 780-4050.

Off-Campus Centers

In its continuing effort to meet the needs of a diverse student population, the University of Maine System administers centers in Bath/Brunswick, Saco-Biddeford and Sanford. These centers provide easy geographic access to University courses and services. Students may register for courses taught at any USM location at either center. Students may also phone in registrations if payment is made by Visa or MasterCard during specified phone-in registration dates. For more information, contact the center nearest you.

Bath/Brunswick Center
275 Bath Road
Brunswick, Me. 04011
(207) 725-8620

Saco/Biddeford Center
Mill 2, Saco Island
Saco, Me. 04072
(207) 282-4111

Sanford Center
72 Pleasant Street
Springvale, Me. 04083
(207) 324-6012

Financial Aid

Going to college is an important and exciting decision. It is also a decision that involves some planning to make sure that you have the resources to pay for tuition, fees, and other college-related costs. Students who do not have adequate financial resources may be eligible for financial assistance and are encouraged to contact the Student Financial Aid office on the Gorham campus. This office administers, coordinates, and recommends programs of financial aid to enable those students who lack adequate financial resources to attend USM.

Summer financial aid is available to eligible continuing students from Pell Grant and student loan programs. Limited funds are also available through the Summer Federal Work-Study (FWS) program. All students need to complete a USM Financial Aid Application available through the Student Financial Aid Office. Applicants must also submit a completed 94-95 FAFSA (Free Application for Federal Student Aid) to be processed.

To receive priority consideration for summer financial aid, the USM Financial Aid application must be received by the Student Financial Aid Office and the FAFSA must be received by the processor by March 30, 1994.

Application materials are available at the Student Financial Aid Office, Corthell Hall, Gorham campus, Room 115 Payson Smith Hall, Portland campus, and at all off-campus locations (Sanford Center, Saco Center, Lewiston-Auburn College). Those students interested in applying for Stafford Loans may obtain applications from local banks, credit unions and savings and loan institutions.

For more information about financial aid and the financial aid process, contact the Student Financial Aid Office, 202 Corthell Hall, Gorham campus, 780-5250.

Veterans' Affairs

Located in the Advising Services Center in 110 Payson Smith Hall, the Office of Veterans' Affairs is staffed by a full-time veterans' coordinator. For more information, call (207) 780-4043 or 1-800-800-4USM, ext. 4043.

Special Programs

Institutes for Educators

The Professional Development Center (PDC) is the in-service arm of the College of Education at the University of Southern Maine. Its commitment is to assist educators in their quest for excellence.

In the summer, the PDC sponsors special courses and institutes to contribute to the development of educators throughout the state. The programs are designed to provide participants with new knowledge and skills. They range from one-day seminars to intensive one-week institutes to three-week courses. Programs carry varying types of credit: graduate academic, in-service graduate academic, and continuing education units. For information, please call (207) 780-5326.

Office Staff

Director: George Lyons
Assistant Director: Joyce Martin
Staff Associate: Carol LaMontagne
Secretary: Alicia Marcinczyk
Secretary: Pearl Wuthrich



Request for Information— Professional Development Center

Name _____

Address _____

City _____

State _____ Zip _____

Interest _____

For further details and registration information for the courses indicated with (*), send this request to:

Professional Development Center
305 Bailey Hall
University of Southern Maine
Gorham, ME 04038

Institutes for Educators 1994

- * ASL Enhancement and a Deaf Perspective for Educators
- * Assessment in the Whole Language Classroom
- * Assessment of Young Children: Eligibility for Services & Program Planning
- * Assessment of Young Children: Screening and Observations
- * Beginning the Writing Process, K-1
- * But What About Spelling
- * Coastal Ecology: Rivers to the Sea
- * Creating Units Through Literature
- * Cued Speech: Transliterating and Ethical Decision Making
- * Current Practices in Teaching Adult Basic Literacy
- * Dimensions of Learning
- * Family Literacy Institute
- * Global Dialogues
- * In Celebration of Children's Literature
- * Institute in Applied Behavior Analysis
- * Lessons From the Holocaust
- * Literary Discussions Across the Curriculum
- * Mac Leadership Institute
- * Math Solutions K-8
- * Math Solutions Level 2 (K-8)
- * Math Solutions Level 3
- * Science in a Shoebox
- * Using Stories for Teaching and Learning
- * The Education of Girls: Current Issues
- EDU 619 Topics in Middle Level Education: Integrated Curriculum 5-12
- EPD 542 Social Process & the Culture of Schools
- EPD 553 Curriculum Design with HyperCard
- EPD 564 Counseling Traumatized & Disordered Children
- EPDI 501 Cooperative Learning in the School Setting
- EPDI 502 Using Mac Computer with Special Needs Students
- EPDI 517 Computer Networking: Linking Educators & Students to the Global Village

- EPDI 521 Using HyperCard in Special Education
- EPDI 527 Educational Implications of Language Learning Disordered
- EPDI 530 Storytelling
- EPDI 548-51 Leadership Training in Experiential Education
- EPDI 548-52 Leadership Training in Experiential Education
- EPDI 586 Whole Language Teaching: PS-3
- EPI 502 Multi-Age Teaching
- EPI 507 Portfolios in the Classroom
- EPI 522 HyperCard Projects in Special Education
- EPI 524 Curriculum Integration: K-6
- EPI 526 Using Conflict Resolution and Mediation in the Schools
- EPI 528 Autism & Severe Disabilities: Teaching Strategies
- EPI 529 Critical & Creative Thinking in the Classroom
- EPI 530 Communication Skills for Teachers
- EPI 533 Teaching Tolerance of Diversity in Law-Related Education
- EPI 534 Family, Child, Teacher Interaction in Educational Settings
- EPI 536 Research Seminar: Women's Psychology and the Education of Girls
- HRD 554 Institute in Gerontology Education: Aging and Life Review

* Use the Request for Information form for courses marked with an asterisk. Information for all other courses is available in the College of Education course description section of this catalog.

Field Camps

Paddle Australia Program **GEO 299**

May 7-28, 1994

This three-credit program is being offered by USM's Department of Geography/Anthropology, in cooperation with Maine Island Kayaking, in Victoria, Australia. This three-week trip Down Under will offer eight days of sea and waterway kayaking along the southeast coast of Victoria. Participants will study the environment and monitor the effects of human activity in the region. Ample time is planned to explore Melbourne and take in optional activities. Costs, not including airfare, are expected to run between \$2000-\$2500 per person, including some meals, all accommodations, transfers and local kayak-related land transportation, as well as kayak and equipment, geography instruction, and an experienced travel manager. Tuition is also included in the cost. For more information, contact Matthew Bampton, assistant professor, Department of Geography/Anthropology, USM, 300 Bailey Hall, Gorham, Maine, 04038, or call the Office of Extended Academic Programs, Summer Session, at (207) 780-4076.

Environmental Archaeology Field School GYA 300

June 6-July 1, 1994

This program is offered through USM's Department of Geography and Anthropology. The research will focus on the prehistory of the riverine adapted people of Sebago Lake and the nature of their subsistence patterns. Students will excavate Paleo, Archaic (ca. 8000 B.C.) and Woodland (ca. A.D. 1500) deposits, map and photograph several sites, and will conduct a site survey. These data will be utilized to examine the relationship between prehistoric human populations and changes and evolution of the natural lake ecosystem.

The archaeology field school will provide all lectures and training in the field for a four-week period. All instruction will be in the field with scheduled lab work involving material culture studies and GIS work running concurrent in the evenings. The instructor is Nathan Hamilton. Hamilton will supervise excavations. Program costs, including tuition for 6 credits, boat and land transportation is \$794 for in-state students and \$1850 for out-of-state students. Enrollment is limited to 15 and is by permission. For information and application materials, contact Summer Session at (207) 780-4076.

Field Mapping: Data Collection-GIS GEO/GEY 399

August 1-19, 1993

This four-credit program is offered through USM's Departments of Geography/Anthropology and Geosciences. This program is a field-based course designed to familiarize upper-level students of geology and geography with the various mapping field techniques used in these map-based sciences. Field sites include several different islands within the Casco Bay environment. Transportation will be by sea kayak (training provided), with an emphasis on low impact environmental interaction.

Mapping projects will include a diverse range of techniques that include outcrop mapping, planimetric alidade, aerial photo and topographic base maps and the latest GIS mapping techniques. Mapping emphasis will be on outcrop structure, geologic rock type, surrounding sedimentary environments, shoreline characteristics, soil types, island ecology and historic/present day land utilization. Students will develop a portfolio of maps depicting various geologic and geographic features of several islands to highlight differences due to island size and position within Casco Bay. Instructors are Matthew Bampton, assistant professor, Department of Geography/Anthropology and Mark Swanson, associate professor, Department of Geosciences. For more information, contact Summer Session at (207) 780-4076.

Readers Theatre Institute in London

July 10-22, 1994

Readers Theatre is a process of arranging and presenting literature and nonfiction materials on stage, in the classroom, and wherever else audiences gather. In addition to teaching and theatre, it is gaining recognition in other fields, including the social services, for both its artistic and utilitarian uses. Readers Theatre, therefore, is an art form and a highly effective teaching methodology.

Workshop classes are Monday-Friday mornings for three weeks with afternoon, evenings, and weekends free to enjoy the cultural, historical, and recreational attractions of the area. This year, participants will be able to sample the heritage of London. No previous training in theatre is required. Participants with little or no background in the arts find working with experienced peers exceptionally rewarding. Workshop students come from all 50 states as well as foreign countries. Their educational levels range from high school seniors through post-doctoral study.

The course is divided into two basic areas of emphasis, Classroom and Performance, to meet the needs of teachers, undergraduate and graduate students, both professional and amateur theatre practitioners, and others including family members who seek creative growth.

RT for the classroom introduces Readers Theatre as a dynamic, highly efficient teaching tool. The skills and techniques developed by our Institute during the past 20 years are presented in simple, practical action to enable teachers of all subjects (especially Reading, Language Arts, Social Studies, Foreign Language, and Speech Communication) to become specialists in this popular, innovative approach to successful teaching. Everyone is given the opportunity to create scripts, direct, perform, evaluate, and learn highly effective classroom methodologies.

RT for performance emphasizes theatre with the various styles in which texts can be shared with an audience. Those who are primarily interested in the staging dimensions of Readers Theatre will learn exciting new presentational modes which are becoming prominent throughout the world. Trevor Nunn's *Nicholas Nickleby* and Frank Galati's *Of Mice and Men* are examples of internationally celebrated commercial RT productions.

All share in General Sessions which feature performances, demonstrations, guest artists, and in-house events. Everyone is also involved in Oral Interpretation, Storytelling and Improvisational Theatre. A daily period is devoted to staff-directed productions seen on the final day.

Students have the advantage of a large and highly trained faculty as well as a series of guest lecturers which has included John Gielgud,

Diana Rigg, Eva Marie Saint, Ray Bradbury, and many other important artists. The 1992 session included Richard Eyre, the artistic director of the National Theatre of England. For more information and an application, contact the Summer Session office at (207) 780-4076.

Criminology in Great Britain

CRM/SOC 389

July 11-August 1, 1994

This six-credit course is an intensive three-week summer course to be taught at the University of Sheffield, England. The course permits students to engage in the cross-cultural study of crime by examining how another country attempts to handle "the crime problem." The course will include seminars (on how crime is counted and measured in Britain and Western Europe and how criminal justice agencies operate) and tours of criminal justice agencies. Seminars will be taught by an interdisciplinary team from the faculty of law at the University of Sheffield and a faculty member from USM's Department of Sociology and Criminology.

This course will provide students with the opportunity to live and experience another culture and its educational system; gain an understanding of crime and social control in another country; and obtain a sound foundation for further work in the area of comparative criminology. Students will reside on the campus of the University of Sheffield during the course and will spend two days in London at the end of the course.

For further information, contact the Office of Extended Academic Programs, USM, 96 Falmouth Street, Portland, Maine 04103, (207) 780-4076.

Sport Psychology Institute

PSY 400

June 23-25

This is a three-day institute that will examine a number of current issues in sports psychology. Topics include: 1) understanding and implementing imagery training in sport; 2) psychology of stress and coping in athletes; 3) attentional focusing for sport performance enhancement; 4) competitive youth sport and moral development; 5) children's psychological development through sport participation: esteem and perceived competence; 6) goal setting; 7) understanding athletic burnout; and additional topics. Presenters will be asked to address these issues from the perspective of athlete, coach, sports professional, and parent. For more information or to register, contact the Summer Session office at (207) 780-4076.

Childhood Psychopathology

PSY 400

June 30-July 2, 1994

This three-day workshop will examine 1) overview and clinical implications of attachment theory for childhood psychopathology; 2) perinatal trauma: implications for psychosocial development; 3) child abuse and neglect; 4) the effects of divorce on children: myth vs. reality; 5) childhood depression: assessment, etiology and treatment; 6) childhood firesetting; and additional topics. Intended for teachers, guidance personnel, and mental health professionals, this institute will utilize local, regional, and national experts to facilitate a discussion of theory and practice. For more information or to register, contact Summer Session at (207) 780-4076.

Health Psychology Institute

PSY 400

July 14-16

This is a three-day institute that will examine a number of current issues in health psychology. Topics include: 1) stress management; 2) psychoneuroimmunology; 3) smoking cessation; 4) weight control; and 5) other topics. This course will be of interest to psychology, social work and nursing majors, health care professionals, psychologists and social workers. For more information or to register, contact the Summer Session office at (207) 780-4076.

Theatre Institute: The Michael Chekhov Technique

Master Classes for Teachers and Experienced Actors

THE 399

June 24-July 3, Gorham campus

This program will discuss and explore the life and acting techniques of Michael Chekhov. Each day will include physical/vocal warmups, acting technique classes, rehearsal of class projects and group viewings of Chekhov's films and other pertinent material. Discussion about psychological gesture will also occur. Visiting faculty include Mala Powers, director, Michael Chekhov Drama Group, and Lisa Dalton, executive board member, International Michael Chekhov Foundation. The coordinator of the program is Will Kilroy, assistant professor, USM Department of Theatre. For more information, contact Summer Session at (207) 780-4076.

Therapeutic Touch: Theory and Practice

NUR 595

May 20-22, August 13-14

This three-credit course is designed to introduce nurses and other health professionals to the theory and practice of the Krieger-Kunz method of therapeutic touch, a research and theory-based nursing intervention. Students will be introduced to Martha Rogers' nursing theory, in which human beings are conceptualized as energy fields. Through readings, demonstrations, and guided practice, students will become aware of human field energy as it extends beyond the visible boundaries of the physical body, and learn to use therapeutic touch to assess human energy fields and to promote relaxation. Following the first session, students will be expected to practice and document the skills acquired.

Session two will include clinical conferences, demonstration and practice of additional techniques, and discussion of ways to integrate therapeutic touch into clinical practice.

Students should be of junior, senior or graduate standing in USM's School of Nursing. Others may be admitted upon permission of the instructor. For information call Summer Session at (207) 780-4076.

Media & Journalism

USM is offering a selection of courses appropriate for students interested in journalism in all of its forms. These courses include: ART 271 Photography, COM 299 Broadcast News, ENG 309 Newswriting, ENG 399 Subjective Journalism. See these departments in this catalog for course descriptions.

Stonecoast Writers' Conference

July 22-July 31

The Stonecoast Writers' Conference is for students, teachers, and others seriously interested in writing who want to improve their written work. The staff consists of generous, inspiring, and personable professional writers with distinguished experience in teaching and a substantial record of written achievement. This year's program will be held at Wolfe's Neck Farm, in the Stone House in scenic Freeport, Maine. Students will be housed at Bowdoin College in Brunswick. Evening readings will also take place at Bowdoin College.

Please note that application for admission must be sent to: Stonecoast Writers' Conference, Summer Session, University of Southern Maine, 96 Falmouth Street, Portland, Maine 04103. Manuscript samples are required for admission. For further information and application, call 780-4076 or 1-800-800-4USM, ext. 4076.

The Courses

Creative Nonfiction Workshop

ENG 299

This is an intermediate workshop which will treat a variety of types of nonfiction including autobiographical writing, reviews, journalistic articles, and essays. Workshops will focus on voice, style, organization, research interview techniques; and will explore the boundaries between fiction and non-fiction and discuss marketing completed manuscripts.* Cr 3.

Genre Writing

ENG 299

This is a new course designed to accommodate various types of genre writing, including the detective novel, horror, science fiction and fantasy. Workshops will focus on the basics of good writing—pacing, dramatic tension and character—as well as on elements of crafting particular to each genre. Attention will also be paid to marketing manuscripts. Cr 3.

Fiction Writing: Developing Short Story

Material

ENG 300F

This is for those who have already, in a course such as Creative Writing or on their own, written several pieces of fiction and are ready for more advanced work. Emphasis will be supportive rather than critical, with instruction in writing well-developed short stories and on understanding the basic elements of fiction. Suggested preparation: ENG 201F Creative Writing. Cr 3.

Fiction Workshop: Short Stories

ENG 302F

This is an advanced course in writing fiction. Discussion of student short stories and work-in-progress will occur with emphasis on subject development, technique, plot, and publication standards. The faculty represents varied perspectives on form and style which challenge the contemporary writer. Class discussion of student stories and manuscript conferences will take place.* Cr 3.

Poetry Workshop: Poems for the Reader

ENG 303F

This is an intermediate to advanced course in which emphasis will be placed on effectively engaging the poem's emotional values, its boldness, humor, passion, or relationship to the mysteries of sadness. Class discussion will explore the initial motivation and circumstances behind a poem to clarify what the poem seeks to convey, and how well it touches the reader's emotions with fire and wit. Members of the poetry workshop may be called upon to write and revise poems as assignments.* Cr 3.

Novel Workshops: Writing the Novel **ENG 304**

This is an intermediate course designed to help novelists with the unfolding of their books. This workshop will study form and rhythm in the novel as well as plot, character, point of view, and voice. Students should submit a key chapter or scene (15-25 pages) which contains the threads of the whole book and a one-page synopsis of the book.* Cr 3.

* *A manuscript sample is required for admission.*

Programs for Young People

Child Care Services

Day Program

Infant, Toddler, Preschool,

Kindergarten, and Afterschool

Ages: 6 weeks to 13 years

Dates: Year Round

Hours: 7:30 a.m.-5:30 p.m.

Locations: Portland campus,

Intown Center-Portland, and

Gorham campus.

Full-time, part-time and hourly rates available. Waiting lists may exist in some programs.

Call USM Child Care Services at 780-4125 for more information.

Southern Maine Music Academy

July 9-17

Gorham campus

The Southern Maine Music Academy is a nine-day program designed to provide high school musicians with opportunities for musical growth and development through intensive group and individualized instruction provided by a highly qualified staff of professional musicians. The staff includes Peter Martin, Scott Reeves and John Boden, all professors at the University of Southern Maine. For more information, contact Summer Session at 780-4076 or 1-800-800-4USM, ext. 4076.

Southern Maine Junior Music Academy

July 24-30

Gorham campus

This new program is designed for students of junior high school age (incoming seventh graders through outgoing eighth graders). It will provide participants with the opportunity for musical growth and development, and instruction will be provided by a variety of highly qualified Maine music educators. For more information, contact Summer Session at (207) 780-4076 or 1-800-800-4USM, ext. 4076.

Camps

USM Day Camp

Ages: 6-13 years

Dates: June 27-August 26

Hours: 7:30 a.m.-5:30 p.m.

Location: Gorham campus and beyond

Transportation from the Portland campus to the Gorham campus and return is available.

Full-day, broad-based program providing hiking, crafts, swimming, nature study, sports and the arts, plus experiential learning opportunities for stimulating social and academic skills. Special programs for the 11-13-year-old group, plus a Counselor in Training Program for 14-year-olds.

SWISH Basketball Camps

• *Girls' SWISH Team Weekend: July 15-17*

• *Sr. Girls' SWISH: July 24-29*

(grades 9-12)

• *Sr. Boys' SWISH: July 31-August 5*

(grades 9-12)

• *Jr. Boys' SWISH: August 7-12*

(grades 7-8)

SWISH Day Camps (ages 8-12)

• *June 27-July 1*

• *August 15-19*

The SWISH Basketball Camp provides top-quality instruction in all phases of basketball to boys and girls entering grades 3-12. SWISH day camps are for girls and boys ages 8-12. Each camper will receive individual, team, and group instruction featuring some of the finest high school and college coaches in New England. Directed by Al Sokaitis, men's basketball coach and Gary Fifield, women's basketball coach at the University of Southern Maine, the camps feature development of team concepts, discussion on the care and prevention of injuries, training concepts and programs, modern facilities, divisions of competition, and a positive approach to the world of basketball.

RISE Basketball Camps

• *Three-on-Three Camp: June 27-July 1*

• *Post & Advanced Position Play:*

June 24-26

• *Post Play Camp: July 24-31*

• *One-on-One Camp: August 5-7*

For boys and girls entering grades 9-12 RISE Camps offer individuals an opportunity to improve their skills through a program designed to produce maximum results in a minimum period of time.

USM STIX Field Hockey Camp

Grades 9 through 12

Dates: July 3-8

The objective of STIX Camp is to provide the highest quality instruction in all phases of field hockey to girls entering grades 9 through 12. Emphasis is placed on individual and team

instruction, fair play, training concepts, and a positive approach to competition and world of field hockey.

USM Fundamental Baseball Camp

Grades 8-12

June 26-July 1

Young players will learn from professionals who are dedicated to teaching and motivating young athletes. Directed by Ed Flaherty, head baseball coach at USM, the object of the camp is to provide the best possible instruction in all phases of baseball. Each player will receive individual, team, and group training in pitching, catching, infield, outfield, baserunning, and hitting.

USM Soccer Camp

• *Girls' Soccer: July 10-15 (grades 7-12)*

• *Boys' Soccer: July 17-22 (grades 7-12)*

• *Soccer Day Camp: August 1-5 (ages 8-12)*

In its 19th year, the USM Soccer Camp has developed into one of the best soccer programs in New England. The camp provides progressive instruction in basic soccer techniques and tactics toward the development of young soccer players. These skills are developed through team, special group, game situations, and individualized instruction by an outstanding coaching staff comprised of both college and high school coaches from throughout the country.

USM Softball Day Camp

Grades 9-12

June 20-24

USM Softball Camp will provide campers with the benefits of learning from professionals who are dedicated to teaching and motivating young players. With an 8 to 1 player/coach ratio, campers will receive intensive skill building techniques. Drills and instruction will cover all aspects of the game including defensive positions, pitching, hitting and base running. The emphasis will be on the fundamentals and techniques of successful team softball. One-on-one instruction will help the camper improve individual skills. Campers will also have daily access to an athletic trainer. Daily games with on field instruction will round out the program.

USM Cross Country Camp

Grades 7-12

August 7-12

The USM Cross Country Camp will provide the opportunity for the young runner to learn from some of the top coaches and runners in the area. The program features include: progressive training techniques, racing strategies, videotape analysis of running form, instructional films and discussions, cross training techniques, outstanding coaches, injury identification, analysis and treatment and varied running terrain.

USM Youth Leadership Camp

Grades 9-12

August 7-12

USM Junior Leadership Camp

Grades 7-8

August 14-19

Developing tomorrow's leaders is critical to the continued success of our communities. Students today are faced with many challenges for the future. The mission of the camp is to show participants how to achieve success as young leaders. Leadership is viewed as the expression of positive individual strengths which are used for the betterment of the group. Through team building activities and exercises, the camp participants will look at consensus building as the objective of leadership. Students will learn specific tools which will enable them to enter the role as leader in a more confident, positive manner.

For more information or to register...

- Day Camps, contact USM Child Care Services, 780-4125.
- Music Academies, contact Summer Session, 780-4076.
- All other programs, contact Department of Conferences, 780-5960.

Other USM Programs

Graduate Programs

The University of Southern Maine offers post-baccalaureate degrees in the following areas: law (through the University of Maine School of Law), education, business administration, nursing, computer science, public policy and management, electrical engineering, applied immunology, American and New England Studies, statistics, and manufacturing management. For more information about any of these programs, except education and law, contact the Office of Graduate Education at (207) 780-4386. For more information about programs offered by the College of Education, contact the Office of Graduate Education at (207) 780-5306. For more information about the School of Law, its programs and its summer offerings, contact the School of Law, Office of the Registrar, 246 Deering Avenue, Portland, ME 04102, (207) 780-4346.

Honors Program

The Honors Program provides an enriched education to a selected group of students who are outstanding in their ability, curiosity, creativity, and motivation. Students selected for

the program work closely with faculty in a series of small seminar-type courses specially designed for Honors Program students. These courses integrate knowledge from various disciplines and examine more fully than is possible in the general curriculum the ways of knowing, Western culture, and contemporary situations. Honors Program work provides a superb background for further study and will assist students in gaining admission to graduate or professional school. For more information about the Honors Program, contact University of Southern Maine, 96 Falmouth Street, Portland, ME 04103, (207) 780-4330.

Certificate Programs

Several departments within the Office of Public Service offer noncredit certificate programs for professionals in several fields. For further information, please call the telephone numbers listed below:

Community Programs (780-5900)

Certificate in Paralegal Studies
Certificate in Personal Computer Management
Certificate in Conflict Management
Certificate in Basic Computer Proficiency
Certificate in Advanced Computer Proficiency
Certificate in Nonprofit Development

Continuing Education for Business (780-5910)

Certificate in Management
Certificate in Health Care Management
Certificate in Human Resource Management
Certificate in Marketing Communications
Certificate in Office Management
Certificate in Supervision
Certificate in Advanced Supervision
Certificate in Integrated Management
Certificate in Total Quality Management

Continuing Education for Health Professions (780-5951)

Certificate in Health Care Management
Certificate in Intravenous Therapy

Lifeline Center for Fitness, Recreation, and Rehabilitation (780-4170)

Certificate in Fitness Instruction

Small Business Development Center

SBDC provides comprehensive management and technical assistance services to Maine's small business community. Through seven subcenters, it offers a wide range of

resources to assist small businesses: one-on-one business counseling, a valuable library and information clearinghouse, and a range of computer related services. The SBDC also offers training, the Northern New England Products Trade Show, and conferences on a variety of business related subjects. For further information, contact the SBDC at (207) 780-4420.

Center for Real Estate Education

The Center for Real Estate Education, a part of the Institute for Real Estate Research and Education, offers courses necessary to obtain real estate licensure and appraisal licensure/certification in the state of Maine. Courses are also offered to meet continuing education requirements in both real estate and appraisal. All courses are provided statewide. Also available is a Certificate Program in Property Management, as well as continuing education courses for tax assessors for licensure recertification. There are additional correspondence course and video course offerings in finance, construction, investments and other related areas. For more information, write the Center for Real Estate Education, USM, 68 High St., Portland, ME 04101 or call (207) 874-6520.

Production Technology Center

The Production Technology Center is a dynamic, regional university/industry partnership. It assists firms in increasing productivity and enhancing their ability to compete successfully in a global economy. The PTC utilizes the facilities and faculty of the University of Southern Maine, as well as the expertise of private consultants and individuals from industry. It provides assistance to companies through workshops, short courses, conferences, testing, patent searches, productivity assessments and consultant referral. Noncredit technical continuing education courses are offered in-house. Conferences and workshops are offered throughout the New England area in cooperation with departments within the University of Maine System and are endorsed by local chapters of national professional societies such as American Society for Quality Control (ASQC) and American Production and Inventory Control Society (APICS). The Production Technology Center is located in the Technology Center on the Gorham campus. If you wish to learn more about the services provided, please stop by or call 780-5439.

Office of Public Service

The Office of Public Service is responsible for the development, coordination, and support of noncredit programming at USM. Among the units within the Division offering programs during the 1994 Summer Session are the Department of Conferences, the Department of Continuing Education for Health Professions, the Department of Community Programs, the Department of Continuing Education for Business, and Lifeline.

Community Programs

The Department of Community Programs offers a wide variety of noncredit programs designed for adults who want to develop their minds, find new careers, add meaning to their lives, or just have fun. Late spring and summer 1994 programs include our HIV/AIDS conference, two new certificate programs in Advanced Mediation and Advanced Facilitation and a special evening lecture with Dr. Deepak Chopra.

We also offer computer classes for computer users of all experience levels—from novice to professional. Call us if you would like help in selecting a class.

The Department of Community Programs is located at 68 High Street. Drop by and we'll be happy to answer your questions about upcoming courses, or call 780-5900.

Lifeline

The USM Lifeline Center for Fitness, Recreation and Rehabilitation has a primary mission to help individuals and organizations in southern Maine adopt health enhancing lifestyles by providing services in exercise, rehabilitation, education, recreation, and employee wellness. Lifeline has been serving the greater Portland community since 1976. Activities are offered throughout the year for men and women, ages 14-80. They range from walk/jog aerobics to cardiac rehabilitation to volleyball.

Classes are open to USM faculty, staff, and students and the general public. Application to all programs should be made in advance. For further information, call the Lifeline Customer Service Center, Monday through Friday, 8:00 a.m.-5:00 p.m., at 780-4170.

Continuing Education for Health Professions

The Department of Continuing Education for Health Professions provides continuing education offerings for health professionals such as nurses, pharmacists, physical therapists, occupational therapists, and others at locations throughout Maine. Programs are

offered in a variety of formats, including workshops, seminars, and evening courses. For more information, call 780-5951.

Department of Conferences

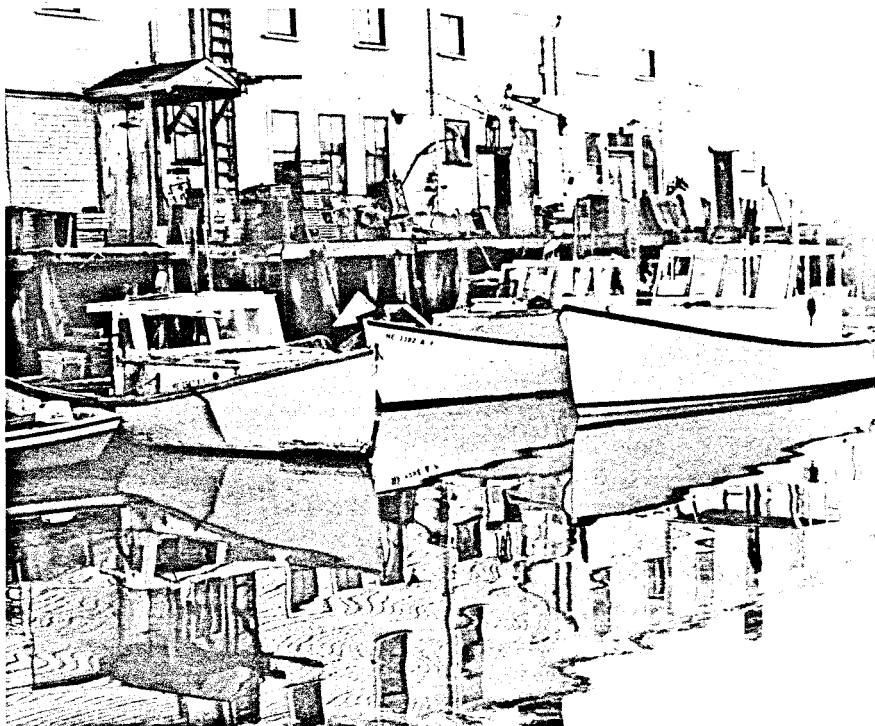
The Department of Conferences provides planning and coordination to University and community groups who wish to use the University's conference facilities and services. The Department of Conferences plans workshops and seminars which bring together qualified individuals to share new information and ideas, upgrade professional skills, or to impart new techniques. The Department's conference planning and management services are extended to professional and trade associations, government agencies, private business and community groups and organizations. Programs can be conducted on either campus, or at a hotel or convention site.

Each summer, the Department of Conferences offers a number of camps for students aged 8-18. Offerings for the summer include Soccer Camp, SWISH and RISE Basketball Camps, Girls' Team SWISH Weekend, STIX Field Hockey Camp, Fundamental Baseball Camp, Softball Camp, Cross Country Camp, Soccer and Basketball Day Camps, Leadership Camp and Junior Leadership Camp. For

information about these and other conference services at USM, please call 780-5960.

Department of Continuing Education for Business

The Department of Continuing Education for Business (CEB) offers a wide variety of noncredit courses and seminars designed to meet the training needs of companies and nonprofit organizations in southern Maine. The programs include: Integrated Management, Certificate in Management, Certificate in Human Resource Management, Certificate in Supervision, Certificate in Marketing Communications, Certificate in Total Quality Management, and Certificate in Office Management. CEB programs and services are available for on-site delivery to meet specific needs of organizations. For additional information and printed materials, contact the Department at 68 High Street, Portland, ME 04101, or call 780-5910.



Registration Begins April 18, 1994

Course Schedule

Schedule Legend

Each course listing contains the following information (refer to head-line at top of each column): campus or off-campus location*; session number; course reference number; course number; course title; college; credit hours; time; days; instructor, course meeting dates.

*P = Portland campus;
G = Gorham campus;
T = Saco Center;
S = Sanford Center;
L = Lewiston-Auburn College;
X = other off-campus location.

Session 1		Session 2		Session 3		Session 4	
7-Week Session	4-Week Session	6-Week Session	7-Week Session	4-Week Session	Variable Session		Variable Dates
May 23- July 8	May 23- June 17	June 27- August 5	July 11- August 26	July 11- August 5			

Please note: Monday/Wednesday classes during the 7-Week Session 1 (May 23-July 8) will have an additional class meeting on Friday, June 24.

LOC/CRN	COURSE	TYP	TITLE	CRED HRS	TIME	DAYS	INSTRUCTOR	DATES
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College of Arts and Sciences

Art, Rose Marasco, 8 Robie-Andrews (780-5460)

G4200	AED 412	LEC	EXCEPTIONALITY:ART EDUCATOR	3.0	8:30-12:30P	MTWTHF	FULLAM, CHARLOTTE G	7/11-7/22
P1121	ARH 111G	LEC	ART HIST:PREHIST TO MEDIEVA	3.0	7:00- 9:40P	TTH	ANDERSON, PATRICIA	5/23-7/8
P3056	ARH 112G	LEC	RENAISSANCE THROUGH 20TH CE	3.0	7:00- 9:40P	MW	WALLER, SUSAN	7/11-8/26
P3412	ART 101G	LEC	APPROACHES TO ART	3.0	8:15-11:30A	MTW	CODY, ROBIN	7/11-8/5
P1132	ART 141F	STU	FUNDAMENTAL DESIGN I	3.0	4:00-10:00P	TTH	SCHNEIDER, DAVID	5/23-7/8
G3058	ART 199	LEC	VISUAL DESIGN	3.0	9:00- 3:15P	MW	KRAMER, JOHN D	7/11-8/26
ART 199 (G4192-G4194) CAN BE TAKEN TOGETHER TO TOTAL 3 CREDITS.								
G4192	ART 199	LEC	SUPPORTING YOURSELF AS ARTI	1.0	4:00- 7:15P	TTH	SAGER, SUSAN	
THIS CLASS MEETS MAY 24, 26, 31 AND JUNE 2.								
G4193	ART 199	STU	PHOTOGRAPH YOUR ARTWORK	1.0	4:00- 7:45P	MTWTH	MELCHER, CHARLES	
THIS CLASS MEETS JUNE 6-9, 13-16.								
G4194	ART 199	STU	PREP ARTWORK FOR EXHIBITION	1.0	4:00- 7:45P	MTWTH	HAYDEN, LARRY	
THIS CLASS MEETS JUNE 20-23, 27-30.								
ART 199 (G4195-G4197) CAN BE TAKEN TOGETHER TO TOTAL 3 CREDITS.								
P4195	ART 199	STU	ACADEMIC DRAWING-BASIC PRIN	1.0	8:00-11:00A	MTWTHF	KAMPARS, ATIS	5/23-6/3
P4196	ART 199	STU	ACAD DRAWING-CARTESIAN SPAC	1.0	12:00- 3:00P	MTWTHF	UBANS, JURIS K	5/23-6/3
P4197	ART 199	STU	ACAD DRAWING-ANATOMICAL DRA	1.0	3:00- 6:00P	MTWTHF	KAMPARS, ATIS	5/23-6/3
P1445	ART 199	LEC	CULTURE OF CYBERSPACE	3.0	12:30- 3:45P	MTW	KESTER, GRANT	5/23-6/17
P1446	ART 199	LEC	CONTEMP MEDIA CULTURE	3.0	12:30- 3:45P	MTW	WILLIAMS, ANNA	5/23-6/17
G4203	ART 249	STU	2-D,3-D FIGURE STUDY	3.0	8:30- 4:30P	MTWTH	BELL, JEFFREY D	7/5 -7/22
THIS CLASS HAS A COURSE FEE OF \$15.00.								
P4201	ART 259	STU	LANDSCAPE DRAWING	3.0	8:30- 4:30P	MTWTHF	BURK, GEORGE	7/25-8/6
G4207	ART 261	STU	PAINTING	3.0	8:30- 4:30P	MTWTH	SPAIEN, GAIL	8/8 -8/26
THIS CLASS HAS A COURSE FEE OF \$15.00.								
P4202	ART 269	STU	LANDSCAPE PAINTING	3.0	8:30- 4:30P	MTWTH	RAKOVAN, LAWRENCE F	5/23-6/10
G1447	ART 271	STU	PHOTOGRAPHY	3.0	8:00- 4:30P	MTW	MEYERS, BERNARD C	5/23-6/17
THIS COURSE HAS A COURSE FEE OF \$15.00.								
P419B	ART 299	STU	DRAWING OFF THE PAGE:NON-TR	3.0	8:00- 4:00P	MTWTH	PARKER, GREGORY	6/13-6/30
P4199	ART 299	STU	THE VISUAL BOOK	3.0	8:30- 4:30P	MTW	GOODALE, REBECCA	7/25-8/17
P4204	ART 363	STU	WATERCOLOR	3.0	8:30- 4:30P	MTWTH	BEARCE, JEANA	5/23-6/10

THE COURSES BELOW ARE OFFERED IN COOPERATION WITH HAYSTACK MOUNTAIN OF CRAFTS. CALL SUMMER SESSION AT 780-4076 OR HAYSTACK AT 348-2306 FOR MORE INFORMATION.

X4205	ART 412	STU	TOPICS IN STUDIO ART:HAYSTA	VAR		TBA		
X4206	EPDI549	LEC	ART EDUCATION/HAYSTACK	VAR		TBA		

Biology, Pat O'Mahoney-Damon, 408 Science Building (780-4260)

THE FOLLOWING COURSES HAVE A COURSE FEE OF \$10.00: BIO 102K, 106K, 212, 282, 291 AND 441.

P1144	BIO 100K	LEC	BIOLOGICAL BASIS-HUMAN ACT.	3.0	9:00-11:40A	MW	RECKITT, LOIS	5/23-7/8
P1145	BIO 102K	LAB	BIOLOGICAL EXPERIENCES	1.0	4:00-5:50P	MW	RECKITT, LOIS	5/23-7/8
P1146	BIO 102K	LAB	BIOLOGICAL EXPERIENCES	1.0	6:30-8:20P	MW	RECKITT, LOIS	5/23-7/8
P1003	BIO 105K	LEC	BIOLOGICAL PRINCIPLES I	3.0	10:00-12:40P	TTH	GAINEY, LOUIS F	5/23-7/8
BIO 106K SERVES AS THE LAB FOR BOTH BIO 105K AND BIO 111.								
P1004	BIO 106K	LAB	LABORATORY BIOLOGY I	1.5	1:30- 4:20P	TTH	BONANG, CLAUDE B	5/23-7/8
P1005	BIO 106K	LAB	LABORATORY BIOLOGY I	1.5	6:00- 8:50P	TTH	BONANG, CLAUDE B	5/23-7/8
P1006	BIO 111	LEC	HUMAN ANAT & PHYSIOLOGY I	3.0	9:30-11:20A	TWTH	TICHENOR, LINDA	5/23-7/8
P3001	BIO 211	LEC	HUMAN ANAT & PHYSIOLOGY II	3.0	9:30-11:20A	TWTH	TICHENOR, LINDA	7/11-8/26
P3002	BIO 212	LAB	PRAC ANAT & PHYSIOLOGY	1.5	12:30- 3:20P	TTH	TICHENOR, LINDA	7/11-8/26
P3003	BIO 212	LAB	PRAC ANAT & PHYSIOLOGY	1.5	12:30- 3:20P	MW	TICHENOR, LINDA	7/11-8/26
P1007	BIO 281	LEC	MICROBIOLOGY & HUMAN DISEAS	3.0	8:15-11:30A	MW	NAJARIAN, HAIGH	5/23-7/8
P1008	BIO 282	LAB	MICROBIOLOGY&HUMAN DISEASE	2.0	8:15-12:30P	TTH	NAJARIAN, HAIGH	5/23-7/8
P1009	BIO 282	LAB	MICROBIOLOGY&HUMAN DISEASE	2.0	1:00- 5:15P	TTH	NAJARIAN, HAIGH	5/23-7/8
P1010	BIO 291	LEC	ORNITHOLOGY	4.5	1:30- 4:10P	MW	RICIPUTI, REMO H	5/23-7/8
4:30- 7:20P MW								

LOC/ CRN	COURSE	TYP	TITLE	CRED HRS	TIME	DAYS	INSTRUCTOR	DATES
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P3005	BIO 341	LEC	LIMNOLOGY	5.0	12:30- 3:10P 3:30- 7:20P	MW	RICIPUTI, REMO H	7/11-8/26
P3004	BIO 345	LEC	PATHOPHYSIOLOGY	3.0	9:00-11:40A	TTH	O'MAHONEY-DAMON, PA	7/11-8/26
P4001	BIO 441	IND	PROBLEMS IN BIOLOGY	VAR		TBA		

Chemistry, Gale Rhodes, 350 Science Building (780-4734)

P4162	CHY 105	LEC	CHEMISTRY FOR HEALTH SCIENC	4.0	6:00- 8:40P	MW	TRACY, HENRY J	5/23-7/29
P4163	CHY 106	LAB	CHEM LAB FOR HEALTH SCIENCE	2.0	1:00- 2:00P 2:00- 5:00P	MTH	TRACY, HENRY J	5/23-7/29
P4164	CHY 106	LAB	CHEM LAB FOR HEALTH SCIENCE	2.0	9:00-10:00A 10:00- 1:00P	WTH	TRACY, HENRY J	5/23-7/29
P1001	CHY 115	LEC	PRINCIPLES CHEMISTRY II	3.0	5:30- 8:00P	MW	RHODES, W GALE	5/23-7/8
P1002	CHY 116	LAB	LABORATORY TECHNIQUES II	1.0	5:30- 8:30P	TTH	RHODES, W GALE	5/23-7/8
THIS CLASS HAS A COURSE FEE OF \$15.00.								
P4002	CHY 411	LEC	SPECIAL TOPICS	VAR			RHODES, W GALE	
P4003	CHY 412	LEC	SPECIAL TOPICS	VAR			RICCI, JOHN S	
P4004	CHY 414	LEC	SPECIAL TOPICS	VAR			TRACY, HENRY J	
P4005	CHY 415	LEC	SPECIAL TOPICS	VAR			GORDON, NANCY R	
P4006	CHY 416	LEC	SPECIAL TOPICS	VAR			NEWTON, THOMAS A	
G4007	CHY 490	LEC	SENIOR RESEARCH PROJECT	VAR			TBA	

Communication, Kathryn Lasky, 51 College Avenue (780-5031)

P1401	COM 102J	LEC	INTRO TO COMMUNICATION	3.0	12:30- 3:45P	MTW	KIVATISKY, RUSSELL	5/23-6/17
P1431	COM 102J	LEC	INTRO TO COMMUNICATION	3.0	8:15-11:30A	MTW	KIVATISKY, RUSSELL	5/23-6/17
P2001	COM 280	LEC	MASS MEDIA&HUMAN INTERACTIO	3.0	8:15-11:30A	TTH	LOCKRIDGE, REBECCA	6/27-8/5
P1015	COM 284	LEC	INTRO TO FILM	3.0	4:00- 6:30P	MW	LASKY, KATHRYN	5/23-7/8
P1402	COM 300	LEC	RESEARCH METHODS IN COMM	3.0	12:30- 3:45P	MTW	WEST, RICHARD	5/23-6/17
P1403	COM 332	LEC	COMMUNICATION IN THE FAMILY	3.0	8:15-11:30A	MTW	WEST, RICHARD	5/23-6/17
P3006	COM 399	LEC	BROADCAST NEWS	3.0	4:00- 6:40P	MW	TBA	7/11-8/26
G4213	COM 430	PRA	COMMUNICATION INTERNSHIP	VAR			LASKY, KATHRYN	
P1016	COM 484	LEC	FILM AND CULTURE	3.0	4:00- 6:40P	TTH	LASKY, KATHRYN	5/23-7/8
P2002	COM 484	LEC	WOMEN AND FILM	3.0	12:30- 3:45P	MW	LOCKRIDGE, REBECCA	6/27-8/5
P1017	COM 485	LEC	SEX DIFFERENCES	3.0	4:00- 6:40P	MW	SHEDLETSKY, LEONARD	5/23-7/8
P1018	COM 485	LEC	SEX DIFFERENCES	3.0	4:00- 6:40P	TTH	SHEDLETSKY, LEONARD	5/23-7/8

English, Kathleen Ashley, 3K Luther Bonney Hall (780-4291)

P1019	ENG 100C	LEC	COLLEGE WRITING	3.0	7:00- 9:40P	MW	BENEDICT, DIANNE	5/23-7/8
P2003	ENG 100C	LEC	COLLEGE WRITING	3.0	12:30- 3:45P	MW	PETERS, GERALD N	6/27-8/5
P3009	ENG 100C	LEC	COLLEGE WRITING	3.0	7:00- 9:40P	MW	SELKIN, MICHAEL	7/11-8/26
P1025	ENG 120H	LEC	INTRO TO LITERATURE	3.0	4:00- 6:40P	TTH	CARROLL, LORRAYNE A	5/23-7/8
P3010	ENG 120H	LEC	INTRO TO LITERATURE	3.0	4:00- 6:40P	MW	SELKIN, MICHAEL	7/11-8/26
P1026	ENG 201F	LEC	CREATIVE WRITING	3.0	7:00- 9:40P	MW	CLEMENTS, KURTIS C	5/23-7/8
P3008	ENG 201F	LEC	CREATIVE WRITING	3.0	7:00- 9:40P	MW	HOPE-MCGRATH, BARBA	7/11-8/26
P1405	ENG 262H	LEC	POETRY-THE GENRE	3.0	8:15-11:30A	MTW	SWARTZ, RICHARD	5/23-6/17
P1020	ENG 299	LEC	INTRO TO LIT. STUDIES	3.0	7:00- 9:40P	TTH	MCGRATH, FRANCIS C	5/23-7/8
P3007	ENG 300F	LEC	FICTION WRITING	3.0	7:00- 9:40P	TTH	BENEDICT, DIANNE	7/11-8/26
P1022	ENG 301F	LEC	POETRY WRITING	3.0	7:00- 9:40P	TTH	ROSEN, KENNETH F	5/23-7/8
P1404	ENG 316	LEC	BIBLE	3.0	8:15-11:30A	MTW	CARNER, FRANK K	5/23-6/17
P1023	ENG 327	LEC	MODERN SHORT STORY	3.0	4:00- 6:40P	TTH	ROSEN, KENNETH F	5/23-7/8
P1406	ENG 371	LEC	MAJOR ROMANTIC WRITERS	3.0	12:30- 3:45P	MTW	SWARTZ, RICHARD	5/23-6/17
P2004	ENG 378	LEC	NOVEL OF SELF-DEVELOPMENT	3.0	8:15-11:30A	MW	PETERS, GERALD N	6/27-8/5
P3057	ENG 395	LEC	ANGLO-IRISH LITERATURE	3.0	7:00- 9:40P	MW	MCGRATH, FRANCIS C	7/11-8/26
P3401	ENG 399	LEC	WOMEN IN AMERICAN FILM	3.0	8:15-11:30A	MTW	SADOFF, DIANNE	7/11-8/5

THE FOLLOWING TWO COURSES ARE PART OF OUR MEDIA & JOURNALISM OFFERING. SEE ALSO ART 271 PHOTOGRAPHY & COM 399 BROADCAST NEWS.

P1024	ENG 309	LEC	NEWSWRITING	3.0	7:00- 9:40P	MW	URENECK, LOU	5/23-7/8
P3011	ENG 399	LEC	SUBJECTIVE JOURNALISM	3.0	4:00- 6:40P	TTH	LANNAN, JOHN	7/11-8/26

THE FOLLOWING COURSES ARE PART OF THE STONECOAST WRITERS' CONFERENCE. THEY ARE FEE COURSES. CONTACT SUMMER SESSION OFFICE AT 780-4076.

P4165	ENG 299	LEC	CREATIVE NON-FICTION WORKSH	3.0	9:15-12:30P	MTWTHF	TBA	7/22-7/31
P4166	ENG 299	LEC	GENRE WRITING	3.0	9:15-12:30P	MTWTHF	TBA	7/22-7/31
P4169	ENG 300F	LEC	FICTION WORKSHOP:DEV FICTIO	3.0	9:15-12:30P	MTWTHF	TBA	7/22-7/31
P4170	ENG 302F	LEC	FICTION WRIT:SHORT STORY	3.0	9:15-12:30P	MTWTHF	TBA	7/22-7/31
P4172	ENG 303F	LEC	POETRY WORKSHOP	3.0	9:15-12:30P	MTWTHF	TBA	7/22-7/31
P4171	ENG 304	LEC	WRITING THE CONTEMP NOVEL	3.0	9:15-12:30P	MTWTHF	TBA	7/22-7/31

English as a Second Language, Bart Weyand, 101 Payson Smith (780-4419)

P4208	ESL 398	LEC	INTENSIVE HIGHER INTERMED E	3.0	8:30-11:30A	MTWTH	WEYAND, ARTHUR	6/20-7/22
P4209	ESL 399	LEC	INTENSIVE HIGHER INTERMED E	3.0	8:30-11:30A	MTWTH	WEYAND, ARTHUR	7/25-8/26

Note: Session Dates are noted in the last column.

LOC/CRN	COURSE	TYP	TITLE	CRID HRS	TIME	DAYS	INSTRUCTOR	DATES
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Modern Languages & Classics, Vicki Bonebakker, 55 Exeter Street (780-4290)

STUDENTS MUST REGISTER FOR BOTH THE LECTURE AND THE LAB FOR FRE 1071, FRE 2071, GER 1071, SPA 1071 AND SPA 2071.

P2005	FRE 1071	LEC	INTENSIVE BEGIN FRENCH	6.0	9:30-12:45P	MTWTHF	DIBENEDETTO, LUCIA	6/27-8/5
P2006	FRE 1071	LAB	INTENSIVE BEGIN FRENCH	2.0	8:30-9:15A	MTWTHF	DIBENEDETTO, LUCIA	6/27-8/5
P4008	FRE 2071	LEC	INTENSIVE INTERM FRENCH	6.0	9:30-12:45P	MTWTHF	MARCHENAY, IRENE A.	5/23-7/1
P4009	FRE 2071	LAB	INTENSIVE INTERM FRENCH	2.0	8:30-9:15A	MTWTHF	MARCHENAY, IRENE A.	5/23-7/1
P4010	GER 1071	LEC	INTENSIVE BEGIN GERMAN	6.0	9:30-12:45P	MTWTHF	REGLER-DANIELS, MAR	6/20-7/29
P4011	GER 1071	LAB	INTENSIVE BEGIN GERMAN	2.0	8:30-9:15A	MTWTHF	REGLER-DANIELS, MAR	6/20-7/29
P2007	SPA 1071	LEC	INTENSIVE BEGIN SPANISH	6.0	9:30-12:45P	MTWTHF	KINSELLA, JOHN M	6/27-8/5
P2008	SPA 1071	LAB	INTENSIVE BEGIN SPANISH	2.0	8:30-9:15A	MTWTHF	KINSELLA, JOHN M	6/27-8/5
P2009	SPA 2071	LEC	INTENSIVE INTERM SPANISH	6.0	8:15-11:30A	MTWTHF	SUSCAVAGE, CHARLENE	6/27-8/5
P2010	SPA 2071	LAB	INTENSIVE INTERM SPANISH	2.0	11:45-12:30P	MTWTHF	SUSCAVAGE, CHARLENE	6/27-8/5
P4012	SPA 303	LEC	SPEAKING THROUGH READING	3.0	8:15-11:30A	MTWTHF	TAYLOR, KAREN D	6/27-7/16

Geography & Anthropology, Diana Crader, 300 Bailey Hall (780-5061)

P4016	GEO 220	LEC	INTERNATIONAL GEOGRAPHY	3.0	6:00-9:15P	MW	URSIA, THOMAS	
THIS CLASS MEETS JUNE 13-29, JULY 25-AUGUST 10.								
X4142	GEO 299	LEC	PADDLE AUSTRALIA PROGRAM	3.0			BAMPTON, MATTHEW	5/7-5/28
THIS CLASS MEETS IN AUSTRALIA AND IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076 FOR MORE INFORMATION.								
X4209	GEO399	LEC	FLD. MAPPING: DATA COLL. TO GIS 4.0	8:00-5:00P	MTWTHFS	BAMPTON, MATTHEW		8/1-8/19
THIS CLASS IS A FEE COURSE. CONTACT SUMMER SESSION FOR MORE INFORMATION. THIS CLASS IS CROSS LISTED WITH GEY 399.								
X4013	GYA 300	FIE	ARCHEOLOGY FIELD SCHOOL	6.0	7:00-4:00P	MTWTHF	HAMILTON, NATHAN D	6/6-7/1
THIS CLASS IS A FEE COURSE. CONTACT SUMMER SESSION FOR INFORMATION.								
G4014	GYA 350	PRA	INTERNSHIP IN GEOG-ANY	VAR			TBA	
G4015	GYA 400	IND	INDEPENDENT STUDY	VAR			TBA	

Geosciences, Irwin Novak, 211A Bailey Hall (780-5025)

GEY 112K AND OCE 101K HAVE A COURSE FEE OF \$10.00.

P1027	GEY 111K	LEC	PHYSICAL GEOLOGY	3.0	7:00-9:40P	TTH	POLLOCK, STEPHEN G	5/23-7/8
P1028	GEY 112K	LAB	PHYSICAL GEOLOGY LAB	1.0	4:00-5:50P	TTH	POLLOCK, STEPHEN G	5/23-7/8
G4021	GEY 210	LEC	FIELD TRIPS IN COAST. GEOLO	3.0	7:00-8:30P	W	SWANSON, MARK T	5/25-6/25
				8:00-5:00P	S			
X4020	GEY 399	FIE	FIELD MAPPING: CASCO BAY TO GIS4.0	8:00-5:00P	MTWTHFS	SWANSON, MARK T		
THIS CLASS MEETS AUGUST 1-19 AND IS CROSS-LISTED WITH GEO 399. THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.								
G4018	GEY 490	SEM	SEMINAR THESIS	3.0			TBA	
G4019	GEY 498	IND	INDEPENDENT STUDY	VAR			TBA	
G1407	OCE 100K	LEC	INTRO TO OCEANOGRAPHY	3.0	8:15-11:30A	MTW	HOWICK, THOMAS	5/23-6/17
G3012	OCE 100K	LEC	INTRO TO OCEANOGRAPHY	3.0	4:00-6:40P	MW	NAIDEN, PETER C	7/11-8/26
G1408	OCE 101K	LAB	OCEANOGRAPHY LAB	1.0	12:30-3:45P	MTW	HOWICK, THOMAS	5/23-6/17
G3013	OCE 101K	LAB	OCEANOGRAPHY LAB	1.0	7:00-9:00P	MW	NAIDEN, PETER C	7/11-8/26

History, Alfred Padula, 520 Luther Bonney Hall (780-4284)

P1029	HTY 1011	LEC	WESTERN CIVILIZATION I	3.0	7:00-9:40P	TTH	COLE, PHILLIP A	5/23-7/8
P4022	HTY 1011	LEC	WESTERN CIVILIZATION I	3.0	9:00-12:15P	MW	JOHNSON, GARY	6/6-7/15
P3014	HTY 1021	LEC	WESTERN CIVILIZATION II	3.0	7:00-9:40P	TTH	COLE, PHILLIP A	7/11-8/26
P1030	HTY 1311	LEC	U.S. HISTORY TO 1877	3.0	7:00-9:40P	MW	WHITMORE, ALLAN R	5/23-7/8
P1031	HTY 1321	LEC	U.S. HISTORY SINCE 1877	3.0	4:00-6:40P	TTH	LIMANNI, ANTHONY M	5/23-7/8
P3015	HTY 1321	LEC	U.S. HISTORY SINCE 1877	3.0	7:00-9:40P	MW	WHITMORE, ALLAN R	7/11-8/26
P1032	HTY 200	LEC	REF. RESEARCH & WRITING	3.0	4:00-6:40P	MW	EASTMAN, JOEL W	5/23-7/8
P4023	HTY 300	PRA	HISTORY INTERNSHIP	VAR			EASTMAN, JOEL W	
P1409	HTY 360	LEC	HISTORY OF MAINE	3.0	8:15-11:30A	MTW	YORK, ROBERT M	5/23-6/17
P1410	HTY 361	LEC	AMERICAN FRONTIER	3.0	8:15-11:30A	MTW	BARNES, DIANE NEWSO	5/23-6/17
P1033	HTY 394	LEC	CHRISTIAN CHUR-NEW TESTAMEN	3.0	9:00-11:40A	TTH	JOHNSON, GARY	5/23-7/8
P4024	HTY 434	LEC	MAINE HISTORY AND TRAVEL	3.0			YORK, ROBERT M	
THIS CLASS MEETS JUNE 27, 1-5PM; JULY 8, 15, 22, 1-5PM; JULY 9, 16, 23, 8:30AM-5:00PM								
P4025	HTY 534	LEC	MAINE HISTORY AND TRAVEL	3.0			YORK, ROBERT M	
THIS CLASS MEETS JUNE 27, 1-5PM; JULY 8, 15, 22, 1-5PM; JULY 9, 16, 23, 8:30AM-5:00PM								

Linguistics, Wayne Cowart, 59 Exeter Street (780-4477)

P2011	LIN 112E	LEC	ANALYZING LANGUAGE	3.0	4:00-7:15P	MW	MCDANIEL, DANA	6/27-8/5
P3402	LIN 201J	LEC	CHILD LANGUAGE	3.0	8:15-11:30A	MTW	MCDANIEL, DANA	7/11-8/5
P4026	LIN 498	THE	THESIS	VAR			COWART, WAYNE	
P4027	LIN 498	THE	THESIS	VAR			MCDANIEL, DANA	

Mathematics, Joel Irish, 115 Bailey Hall (780-5360)

P1432	MAT 010	LEC	ELEMENTARY ALGEBRA	3.0	8:15-11:30A	MTW	IRISH, JOEL W	5/23-6/17
P3016	MAT 010	LEC	ELEMENTARY ALGEBRA	3.0	4:00-6:40P	MW	SOYCHAK, ANTHONY G	7/11-8/26
P1034	MAT 011B	LEC	INTERMEDIATE ALGEBRA	3.0	7:00-9:40P	TTH	NARANG, KAMAL	5/23-7/8
P3017	MAT 011B	LEC	INTERMEDIATE ALGEBRA	3.0	4:00-6:40P	TTH	TBA	7/11-8/26

LOC/ CRN	COURSE	ITYP	TITLE	CRD HRS	TIME	DAYS	INSTRUCTOR	DATES
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TO ENROLL IN A 100-LEVEL, D-DESIGNATED COURSE, SUCCESSFUL COMPLETION OF THE UNIVERSITY'S MATHEMATICS PROFICIENCY IS REQUIRED.

P1035	MAT 100D	LEC	COLLEGE ALGEBRA	3.0	4:00-6:40P	TTH	NARANG, KAMAL	5/23-7/8
P2012	MAT 100D	LEC	COLLEGE ALGEBRA	3.0	8:15-11:30A	MW	MAINVILLE, WALDECK	6/27-8/5
P3018	MAT 100D	LEC	COLLEGE ALGEBRA	3.0	7:00-9:40P	TTH	ESTES, ROBERT A	7/11-8/26
P1411	MAT 105D	LEC	MATH FOR QUANT DEC MAKING	3.0	12:30-3:45P	MTW	IRISH, JOEL W	5/23-6/17
P3019	MAT 105D	LEC	MATH FOR QUANT DEC MAKING	3.0	4:00-6:40P	TTH	ESTES, ROBERT A	7/11-8/26
P1036	MAT 110D	LEC	BUSINESS CALCULUS	3.0	7:00-9:40P	MW	GUAY, MERLE D	5/23-7/8
P2013	MAT 110D	LEC	BUSINESS CALCULUS	3.0	8:15-11:30A	TTH	MAINVILLE, WALDECK	6/27-8/5
P1037	MAT 120D	LEC	INTRO TO STATISTICS	3.0	7:00-9:40P	MW	KRATZER, RICHARD O	5/23-7/8
P1038	MAT 120D	LEC	INTRO TO STATISTICS	3.0	4:00-6:40P	MW	KRATZER, RICHARD O	5/23-7/8
P3020	MAT 120D	LEC	INTRO TO STATISTICS	3.0	7:00-9:40P	TTH	GUPTA, SAT N	7/11-8/26
P3021	MAT 120D	LEC	INTRO TO STATISTICS	3.0	4:00-6:40P	TTH	GUPTA, SAT N	7/11-8/26
P1039	MAT 140D	LEC	PRE-CALCULUS MATHEMATICS	3.0	4:00-6:40P	MW	GUAY, MERLE D	5/23-7/8
P3022	MAT 140D	LEC	PRE-CALCULUS MATHEMATICS	3.0	4:00-6:40P	MW	TBA	7/11-8/26
P1040	MAT 152D	LEC	CALCULUS A	4.0	10:00-11:40A	MTTHF	CHABOT, MAURICE J	5/23-7/8
P3023	MAT 152D	LEC	CALCULUS A	4.0	4:00-6:15P	MWTH	MACDONALD, STEPHEN	7/11-8/26
P3024	MAT 153	LEC	CALCULUS B	4.0	7:00-9:15P	MWTH	MACDONALD, STEPHEN	7/11-8/26
P1041	MAT 211	LEC	PROBABILITY	3.0	7:00-9:40P	MW	GUPTA, BHISHAM C	5/23-7/8
P3025	MAT 211	LEC	PROBABILITY	3.0	4:00-6:40P	TTH	EL-TAHA, MUHAMMAD A	7/11-8/26
P3026	MAT 211	LEC	PROBABILITY	3.0	7:00-9:40P	MW	UDDIN, NIZAM	7/11-8/26
P1042	MAT 212	LEC	STATISTICS	3.0	7:00-9:40P	TTH	GUPTA, BHISHAM C	5/23-7/8
P3027	MAT 212	LEC	STATISTICS	3.0	7:00-9:40P	TTH	EL-TAHA, MUHAMMAD A	7/11-8/26
P1043	MAT 252	LEC	CALCULUS C	4.0	8:00-9:40A	MTTHF	CHABOT, MAURICE J	5/23-7/8
P3028	MAT 381	LEC	INTRO PROBABILITY & STATIST	4.0	4:00-6:15P	MWTH	UDDIN, NIZAM	7/11-8/26
X4210	MAT 386	LEC	SAMPLING TECHNIQUES	3.0	1:00-4:00P	TH	GUPTA, BHISHAM C	
THIS CLASS MEETS IN AUGUSTA, MAY 5 - JULY 7.								
P3403	MME 514	LEC	LAB:PROJ ASPIRE CALCULUS II	3.0	10:15-12:15P	MTTHF	CHABOT, MAURICE J	7/11-8/5
P3404	MME 520	LEC	TEACH CALCULUS IN SEC SCH I	3.0	8:00-10:00A	MTTHF	CHABOT, MAURICE J	7/11-8/5
X4211	STA 674	LEC	SAMPLE THEORY & SURVEYS	3.0	1:00-4:00P	TH	GUPTA, BHISHAM C	
THIS CLASS MEETS IN AUGUSTA, MAY 5 - JULY 7.								

Music, Ronald Cole, 102 Corthell Hall (780-5267)

G4031	MUE 521	LEC	MUSIC FOR EXCEPT LEARNERS	3.0	9:00-4:30P	MTWTHF	ATTERBURY, BETTY W	
THIS CLASS MEETS JUNE 27 - JULY 6 (JULY 4 IS A HOLIDAY).								
P3413	MUS 100G	LEC	MUSIC APPREC AND HISTORY	3.0	8:15-11:30A	MTW	COLE, RONALD F	7/11-8/5
P1412	MUS 103G	LEC	INTRODUCTION TO JAZZ	3.0	12:30-3:45P	MTW	REEVES, SCOTT D	5/23-6/17
P1045	MUS 110F	LEC	FUNDAMENTALS OF MUSIC	3.0	7:00-9:40P	TTH	MARTIN, PETER J	5/23-7/8

New England Studies, Joseph Conforti, 11 Granite Street (780-4920)

P4030	NES 650	LEC	TOPICS:CULTURAL/ARTISTIC SI	3.0			SEVERENS, KENNETH W	
THIS CLASS MEETS JUNE 6 - JULY 15, TUES 7-9:40PM, SAT 9AM-12NOON.								
P4028	NES 690	IND	PROJECT I	VAR			TBA	
P4029	NES 695	THE	THESIS	VAR			TBA	

Philosophy, Robert Loudon, 47 Exeter Street (780-4258)

P1057	PHI 106E	LEC	INTRO:WHY PHILOSOPHIZE ?	3.0	4:00-6:40P	MW	TOUGAS, CECILE	5/23-7/8
P3036	PHI 109E	LEC	LAW POLITICS AND SOCIETY	3.0	7:00-9:40P	MW	BIGGIE, DENNIS	7/11-8/26
P3037	PHI 109E	LEC	LAW POLITICS AND SOCIETY	3.0	7:00-9:40P	TTH	BIGGIE, DENNIS	7/11-8/26
P3407	PHI 109E	LEC	LAW POLITICS AND SOCIETY	3.0	12:30-3:45P	MTW	BIGGIE, DENNIS	7/11-8/5

Physics, Gerald Lasala, 161 Science Building (780-4557)

P1046	AST 100K	LEC	ASTRONOMY	3.0	7:00-9:40P	MW	LASALA, GERALD J	5/23-7/8
P1047	AST 103K	LAB	ASTRONOMY:EXERCISES & EXPER	1.0	7:00-9:40P	TH	LASALA, GERALD J	5/23-7/8
P1048	PHY 111K	LEC	ELEMENTS OF PHYSICS I	4.0	9:00-11:45A	MWTH	LASALA, GERALD J	5/23-7/8
P1049	PHY 111K	LAB	ELEMENTS OF PHYSICS I	0.0	9:00-12:00P	T	LASALA, GERALD J	5/23-7/8
P1050	PHY 111K	LAB	ELEMENTS OF PHYSICS I	0.0	12:30-3:30P	T	LASALA, GERALD J	5/23-7/8
P3030	PHY 112	LEC	ELEMENTS OF PHYSICS II	4.0	9:00-11:45A	MWTH	COAKLEY, ROBERT W	7/11-8/26
P3031	PHY 112	LAB	ELEMENTS OF PHYSICS II	0.0	9:00-12:00P	T	COAKLEY, ROBERT W	7/11-8/26
P3032	PHY 112	LAB	ELEMENTS OF PHYSICS II	0.0	12:30-3:30P	T	COAKLEY, ROBERT W	7/11-8/26
P4032	PHY 123	LEC	GENERAL PHYSICS II	4.0	7:00-9:40P	MWTH	COAKLEY, ROBERT W	5/17-6/30

Political Science, James Roberts, 126 Bedford Street (780-4194)

P1133	POS 101J	LEC	INTRO TO AMER GOVERNMENT	3.0	7:00-9:40P	MW	MAIMAN, RICHARD J	5/23-7/8
P1413	POS 102J	LEC	PEOPLE AND POLITICS	3.0	12:30-3:45P	MTW	MAIMAN, RICHARD J	5/23-6/17
P2014	POS 104J	LEC	INTRO:INTERNATIONAL RELATIO	3.0	8:15-11:30A	MW	WILLIAMS, MICHAEL	6/27-8/5
P1414	POS 256	LEC	MEDIA AND POLITICS	3.0	8:15-11:30A	MTW	WOSHINSKY, OLIVER H	5/23-6/1
P1051	POS 290	LEC	POLITICAL & SOCIAL THGHT II	3.0	4:00-6:40P	MW	WILLIAMS, MICHAEL	5/23-7/8
P4033	POS 356	PRA	WASHINGTON INTERNSHIP	VAR			COOGAN, WILLIAM	

Note: Session Dates are noted in the last column.

LOC/ CRN	COURSE	TYP	TITLE	CRD HRS	TIME	DAYS	INSTRUCTOR	DATES
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Psychology, Joseph Hearn, 514 Science Building (780-4252)

P1052	PSY 101J	LEC	GENERAL PSYCHOLOGY I	3.0	7:00- 9:40P	TTH	SYTSMA, DONALD	5/23-7/8
P1415	PSY 101J	LEC	GENERAL PSYCHOLOGY I	3.0	8:15-11:30A	MTW	SYTSMA, DONALD	5/23-6/17
P2015	PSY 101J	LEC	GENERAL PSYCHOLOGY I	3.0	8:15-11:30A	MW	BROWN, SCOTT W	6/27-8/5
P1053	PSY 311	LEC	INDUSTRIAL PSYCHOLOGY	3.0	4:00- 6:40P	MW	HEARNS, JOSEPH F	5/23-7/8
P1054	PSY 333	LEC	PSYCHOPATHOLOGY	3.0	4:00- 6:40P	MW	GAYTON, WILLIAM F	5/23-7/8
P1055	PSY 335	LEC	DEVIATIONS OF CHILDHOOD	3.0	4:00- 6:40P	TTH	GAYTON, WILLIAM F	5/23-7/8
P1416	PSY 361	LEC	SENSATION & PERCEPTION	3.0	8:15-11:30A	MTW	HEARNS, JOSEPH F	5/23-6/17
P3033	PSY365	LEC	PHYSIOLOGICAL PSYCHOLOGY	3.0	4:00- 6:40P	TTH	BROIDA, JOHN P	7/11-8/26
P4034	PSY400	LEC	SPORT PSYCHOLOGY	3.0	9:00- 4:30P	THFS	GAYTON, WILLIAM F	6/23-6/25
			THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.					
P4035	PSY 400	LEC	CHILDHOOD PSYCHOPATHOLOGY	3.0	9:00- 4:30P	THFS	GAYTON, WILLIAM F	6/30-7/2
			THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.					
P4036	PSY 400	IND	HEALTH PSYCHOLOGY	3.0	9:00- 4:30P	THFS	GAYTON, WILLIAM F	7/14-7/16
			THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.					
P4037	PSY 400	IND	INDEPENDENT STUDY	VAR			BROIDA, JOHN P	
P4038	PSY 400	IND	INDEPENDENT STUDY	VAR			THORNTON, WILLIAM	
P4039	PSY400	IND	INDEPENDENT STUDY	VAR			HUTT, MICHELLE	
P4157	PSY 400	IND	INDEPENDENT STUDY	VAR			GAYTON, WILLIAM F	
P4040	PSY401	IND	INDEPENDENT STUDY	VAR			GAYTON, WILLIAM F	

Social Work, Vincent Faherty, 319 Masterton Hall (780-4120)

P1437	SWO 333	LEC	SOCIAL WORK RESEARCH METHOD3.0	12:30- 3:45P	MTW	FAHERTY, VINCENT E	5/23-6/17	
P1058	SWO 388	LEC	SUBSTANCE USE AND ABUSE	3.0	4:00- 6:40P	TTH	ABEL, NANCY J	5/23-7/8
P4042	SWO 397	IND	INDEPENDENT STUDY	VAR		FAHERTY, VINCENT E		

Sociology and Criminology, David Fullam, 120 Bedford Street (780-4100)

P1422	CRM 215J	LEC	CRIMINOLOGY	3.0	9:00-12:15P	MTW	PERRY, BARBARA	5/23-6/17
			THIS CLASS IS CROSS LISTED WITH SOC 215J.					
P1420	CRM 216	LEC	WHITE COLLAR CRIME	3.0	12:00- 3:15P	MTW	MESSERSCHMIDT, JAME	5/23-6/17
			THIS CLASS IS CROSS LISTED WITH SOC 216.					
P1419	CRM 317	LEC	GENDER AND CRIME	3.0	8:00-11:15A	MTW	MESSERSCHMIDT, JAME	5/23-6/17
			THIS CLASS IS CROSS LISTED WITH SOC 317.					
X4041	CRM 389	LEC	CRIMINOLOGY IN GREAT BRITAIN	6.0	8:00- 5:00P	MTWTHF	ANSPACH, DONALD F	
			THIS CLASS MEETS JULY 11 - AUGUST 1 AND MEETS IN ENGLAND. THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076. THIS CLASS IS CROSS LISTED WITH SOC 389.					
P1056	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	3.0	7:00- 9:40P	MW	BJELIC, DUSAN	5/23-7/8
P1421	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	3.0	8:15-11:30A	MTW	MONSEN, S HENRY	5/23-6/17
P3034	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	3.0	4:00- 6:40P	TTH	BIRD, DONNA	7/11-8/26
P1435	SOC 215J	LEC	CRIMINOLOGY	3.0	9:00-12:15P	MTW	PERRY, BARBARA	5/23-6/17
			THIS CLASS IS CROSS LISTED WITH CRM 215J.					
P1434	SOC 216	LEC	WHITE COLLAR CRIME	3.0	12:00- 3:15P	MTW	MESSERSCHMIDT, JAME	5/23-6/17
			THIS CLASS IS CROSS LISTED WITH CRM 216.					
P2023	SOC 311	LEC	SOCIAL CHANGE-EASTERN EUROP	3.0	8:15-11:30A	MW	BJELIC, DUSAN	6/27-8/5
P1417	SOC 314	LEC	FILM AND SOCIETY	3.0	8:15-11:30A	MTW	BJELIC, DUSAN	5/23-6/17
P3406	SOC 316	LEC	SOCIOLOGY OF GENDER	3.0	8:15-11:30A	MTW	LAZ, CHERYL	7/11-8/5
P1433	SOC 317	LEC	GENDER AND CRIME	3.0	8:00-11:15A	MTW	MESSERSCHMIDT, JAME	5/23-6/17
			THIS CLASS IS CROSS LISTED WITH CRM 317.					
P1418	SOC371	LEC	SOC MINORITY GROUPS	3.0	12:30- 3:45P	MTW	FULLAM, DAVID C	5/23-6/17
X4158	SOC 389	LEC	CRIMINOLOGY IN GREAT BRITAIN	6.0	8:00- 5:00P	MTWTHF	ANSPACH, DONALD F	
			THIS CLASS MEETS JULY 11 - AUGUST 1 IN ENGLAND AND IS A FEE COURSE. THIS CLASS IS CROSS LISTED WITH CRM 389.					

Theatre, Susan Picinich, Russell Hall (780-5197)

P1438	THE 101G	LEC	INTRODUCTION TO DRAMA	3.0	4:00- 7:15P	MTW	ROOTES, MINOR	5/23-6/17
P4043	THE 102F	LEC	ACTING:PERFORMANCE	3.0	6:00- 9:15P	MTWTH	KILROY, WILLIAM	
			THIS CLASS MEETS JULY 5-21. DURING THE FIRST WEEK, CLASS WILL MEET TUES-FRI.					
P1059	THE 170F	LEC	PUBLIC SPEAKING	3.0	7:00- 9:40P	TTH	STEELE, WILLIAM P	5/23-7/8
P1439	THE 170F	LEC	PUBLIC SPEAKING	3.0	8:15-11:30A	MTW	POWER, THOMAS A	5/23-6/17
P3038	THE 170F	LEC	PUBLIC SPEAKING	3.0	7:00- 9:40P	TTH	STEELE, WILLIAM P	7/11-8/26
P3408	THE 170F	LEC	PUBLIC SPEAKING	3.0	12:30- 3:45P	MTW	KINNE, CHRISTENIA	7/11-8/5
G4047	THE 398	PRA	THEATRE INTERNSHIP	VAR			TBA	
G4048	THE399	IND	M CHEKHOV'S ACTING TECHNIQUE	3.0			KILROY, WILLIAM	
			THIS CLASS MEETS JUNE 24-JULY 3 AND IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.					

THE CLASSES BELOW ARE PART OF THE READERS THEATRE INSTITUTE IN LONDON. THEY MEET JULY 10-22 AND ARE FEE COURSES. CONTACT SUMMER SESSION AT 780-4076.

X4045	THE 370	LEC	ADVANCED ORAL INTERPRETATIO	3.0			STUMP, WALTER R	
X4046	THE 371	LEC	READER'S THEATRE	3.0			STUMP, WALTER R	
X4049	THE 599	LEC	TOPICS IN READERS THEATRE	VAR			STUMP, WALTER R	
X4173	EPDI513	LEC	TOPICS IN READERS THEATRE	VAR	9:00- 5:00P	MTWTHF	STUMP, WALTER R	

Please note: Monday/Wednesday classes during the 7-Week Session 1 (May 23-July 8) will have an additional class meeting on Friday, June 24.

LOC/ CRN	COURSE	TYP	TITLE	CRD HRS	TIME	DAYS	INSTRUCTOR	DATES
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Core Curriculum

Judy Tizon, 300 Bailey Hall (780-5060)

P4050	COR 119F	LEC	ILLUMINATED AUTOBIOGRAPHY	3.0	8:30-12:45P	MTWTHF	GILBERT, DENNIS C	6/20-7/1
P4051	COR 119F	LEC	ILLUMINATED AUTOBIOGRAPHY	3.0	8:30-12:45P	MTWTHF	GOODALE, REBECCA	7/11-7/22
P1440	COR 122I	LEC	INTRO:ISLAMIC CIVILIZATION	3.0	8:15-11:30A	MTW	FAKSH, MAHMUD A	5/23-6/17
P1441	COR 124J	LEC	POVERTY IN THE U.S.A.	3.0	12:30-3:45P	MTW	ANSPACH, DONALD F	5/23-6/17
G1060	COR 126J	LEC	GLOBAL ENLIGHTENMENT	3.0	7:00-9:40P	TTH	NANNAY, ROBERT W	5/23-7/8
P1442	COR 127J	LEC	THE DOCUMENTARY:SOCIAL IMPA	3.0	8:15-11:30A	MTW	COLEMAN, LOREN	5/23-6/17

School of Business, Economics, and Management

Accounting, Bradlee Hodson, 118 Bedford Street (780-4750)

P1078	ACC 201	LEC	PRINCIPLES FINANCIAL ACCOUN	3.0	7:00-9:40P	MW	POTTS, ANDREW	5/23-7/8
P3047	ACC 202	LEC	PRINCIPLES OF MANAGEMENT AC	3.0	7:00-9:40P	MW	POTTS, ANDREW	7/11-8/26
P1120	ACC 301	LEC	INTERMEDIATE ACCOUNTING I	3.0	4:00-6:40P	MW	SANDERS, JOHN	5/23-7/8
P4079	ACC 313	LEC	FEDERAL TAX REPORTING	3.0	5:30-9:00P	TH	VIOLETTE, GEORGE R	5/26-7/28
P4080	ACC 395	PRA	INTERNSHIP I	VAR			HODSON, D BRADLEE	
P4081	ACC 396	PRA	INTERNSHIP II	VAR			HODSON, D BRADLEE	
P4082	ACC 410	LEC	AUDITING	3.0	5:30-8:30P	TTH	MCKEE, J	5/23-7/1
P4083	ACC 490	IND	INDEPENDENT READ&RESEARCH	VAR			HODSON, D BRADLEE	
P4084	ACC 499	LEC	ACCT INFORMATION SYSTEMS	3.0	5:30-8:30P	MW	MCKEE, J	

THIS CLASS MEETS MAY 23 - JULY 1. THIS CLASS IS TENTATIVE.

Associate Business Administration, James Westfall, 115 Luther Bonney (780-4181)

P1073	ABU 101	LEC	PRINC OF ECONOMICS I	3.0	7:00-9:40P	TTH	MCKEL, RICHARD L	5/23-7/8
P1074	ABU 112	LEC	PRINC FINANCIAL ACCT II	3.0	4:00-6:40P	TTH	SANDERS, JOHN	5/23-7/8
P1075	ABU 220	LEC	INTRO TO BUSINESS FINANCE	3.0	7:00-9:40P	MW	GOLD, JOEL I	5/23-7/8
P1076	ABU 227	LEC	INTRO TO STOCKS AND BONDS	3.0	7:00-9:40P	TTH	GOLD, JOEL I	5/23-7/8
P1077	ABU 240	LEC	PRINCIPLES OF MANAGEMENT	3.0	4:00-6:40P	TTH	AIELLO, FREDERIC	5/23-7/8
P4078	ABU 271	IND	INDEPENDENT STUDY	VAR			WESTFALL, JAMES R	

Business Administration, Raymond Neveu, 222 Luther Bonney Hall (780-4307)

P1080	BUS 280	LEC	LEGAL ENVIRON OF BUSINESS	3.0	7:00-9:40P	MW	PERSONS, ALICE N	5/23-7/8
P2028	BUS 327	LEC	INVESTMENT MANAGEMENT	3.0	12:30-3:45P	MW	GALLO, JOHN G	6/27-8/5
P2024	BUS 335	LEC	INTERNATIONAL BUSINESS	3.0	12:30-3:45P	MW	ZHAO, SHUMING	6/27-8/5
P1443	BUS 340	LEC	PRINCIPLES OF MANAGEMENT	3.0	8:15-11:30A	MTW	CLAREY, RICHARD J	5/23-6/17
P1082	BUS 346	LEC	PERSONNEL MANAGEMENT	3.0	4:00-6:40P	MW	GROVER, RICHARD A	5/23-7/8
P1083	BUS 380	LEC	BUSINESS LAW I	3.0	7:00-9:40P	MW	BOISVERT-GUAY, MONI	5/23-7/8
P2025	BUS 385	LEC	ENTREPRENEURSHIP&SM BUS FOR3.0	8:15-11:30A	TTH	CLAREY, RICHARD J	6/27-8/5	
P4085	BUS 395	FIE	INTERNSHIP I	VAR			NEVEU, RAYMOND	
P4086	BUS 396	FIE	INTERNSHIP II	VAR			NEVEU, RAYMOND	
P4087	BUS 450	LEC	BUSINESS MGT AND POLICY	3.0	8:15-11:30A	MTW	VOYER, JOHN J	

THIS CLASS MEETS MAY 23-JUNE 22 (NO CLASS WEEK OF JUNE 6-10).

P4089	BUS 452	LEC	ORGANIZATIONAL BEHAVIOR	3.0	4:00-8:30P	MW	GROVER, RICHARD A	8/1 -8/24
P4090	BUS 490	IND	INDEPENDENT READ&RESEARCH	VAR			NEVEU, RAYMOND	

Economics, William Phillips, 423 Luther Bonney Hall (780-4313)

P1084	ECO 201J	LEC	PRINC OF ECONOMICS I	3.0	7:00-9:40P	MW	MCKEL, RICHARD L	5/23-7/8
P1085	ECO 202J	LEC	PRINC OF ECONOMICS II	3.0	4:00-6:40P	TTH	PHILLIPS, WILLIAM A	5/23-7/8
P1086	ECO 370	LEC	INTERNATIONAL ECONOMICS	3.0	7:00-9:40P	TTH	PHILLIPS, WILLIAM A	5/23-7/8
P2016	ECO 450	LEC	READINGS IN ECONOMICS	3.0	12:30-3:45P	TTH	HILLARD, MICHAEL G	6/27-8/5
P4066	ECO 490	IND	INDEPENDENT READ & RESEARCH	VAR			PHILLIPS, WILLIAM A	

Masters in Business Administration, John Voyer, 514 Luther Bonney (780-4597)

P1087	MBA 610	LEC	MANAGERIAL ECONOMICS	3.0	7:00-10:00P	TTH	HILLARD, MICHAEL G	5/23-7/8
P2017	MBA 645	LEC	INTERNATIONAL BUSINESS	3.0	6:30-10:00P	MW	ZHAO, SHUMING	6/27-8/5
P3048	MBA 648	LEC	ADV ORGANIZATIONAL ANALYSIS	3.0	7:00-10:00P	TTH	VOYER, JOHN J	7/11-8/26
P3049	MBA 660	LEC	MARKETING MANAGEMENT	3.0	7:00-10:00P	TTH	MUNGER, JEANNE	7/11-8/26
P4091	MBA 691	IND	INDEPENDENT STUDY	VAR			VOYER, JOHN J	
P1088	MBA 699	LEC	WOMEN & MEN IN ORGANIZATION	3.0	7:00-10:00P	MW	NEWELL, STEPHANIE	5/23-7/8

College of Education

Human Resource Development, Willard Callender, 400 Bailey Hall (780-5316)

G1430	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	3.0	8:15-11:30A	MTW	DAVIS, CAROL LYNN	5/23-6/17
P1098	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	3.0	4:00-6:40P	TTH	BIRTOLO, PAT DELANE	5/23-7/8
P3051	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	3.0	7:00-9:40P	TTH	SEARWAY, DIXIE	7/11-8/26
G4128	HRD 554	LEC	GERONT INST:AGING/LIFE REVI	3.0	8:00-5:00P	MTWTHF	BRADY, E MICHAEL	6/27-7/1
G1099	HRD 600	LEC	ADULT EDUC & HUMAN RESOU	3.0	4:00-6:40P	MW	CALLENDER, W D.	5/23-7/8
G1100	HRD 603	LEC	CONSULTATION	3.0	7:00-9:40P	TTH	HYMOFF, IRA H	5/23-7/8

PREREQUISITE: HRD 690 AND 686 OR PERMISSION OF INSTRUCTOR

LOC/ CRN	COURSE	TYP	TITLE	CRED HRS	TIME	DAYS	INSTRUCTOR	DATES
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G1 101	HRD 608	LEC	CAREER DEVELOPMENT	3.0	7:00- 9:40P	TTH	VANZANDT, C	5/23-7/8
G4116	HRD 614	LEC	PRIN OF PSYCHOSOCIAL REHAB	3.0	6:00- 9:45P	M	LAWLOR, DAVID	5/23-7/25
G4117	HRD 615	LEC	VOC ASPECTS OF DISABILITY	3.0	8:30-12:15P	MTWTHF	PATTERSON, JEANNE B	7/25-8/5
G1 102	HRD 620	LEC	FUND OF COUNS SKILLS MATRICULATED STUDENTS ONLY	3.0	7:00- 9:40P	MW	SUTTON	5/23-7/8
G1 103	HRD621	LEC	FUND OF COUNS THEORIES	3.0	4:00- 6:40P	TTH	STEVENS, REID D	5/23-7/8
G2027	HRD 622	LEC	COUNSEL CHILDREN/ADOLESCENT PREREQUISITE: MATRICULATED STUDENT OR PERMISSION OF INSTRUCTOR	3.0	8:15-11:30A	MW	KATSEKAS, BETTE S	6/27-8/5
G1 104	HRD 626	LEC	GROUP PROCESS & PROCEDURE MATRICULATED STUDENTS ONLY	3.0	4:00- 6:40P	TTH	SOUTHWORTH, ROBERT	5/23-7/8
G1 105	HRD 627	LEC	GROUP COUNSELING PREREQUISITE: HRD 626 OR EQUIVALENT	3.0	4:00- 6:40P	MW	STEVENS, REID D	5/23-7/8
G1 110	HRD 632	LEC	PRO DEV IN ADULT EDU & HRD	3.0	7:00- 9:40P	MW	CALLENDER, W D.	5/23-7/8
G4125	HRD 659	LEC	RESEARCH METH:APPLIED INTER THIS CLASS MEETS AUGUST 8-9; 2 MEETINGS IN FALL 1994; 2 MEETINGS IN SPRING 1995	3.0	9:00- 4:30P	MT	STEEGE, MARK	
P3052	HRD 660	LEC	LIFE SPAN DEVELOP I	3.0	4:00- 6:40P	MW	HORNSTEIN, JOHN	7/11-8/26
P3053	HRD 661	LEC	LIFE SPAN DEVELOP II	3.0	4:00- 6:40P	TTH	SEARWAY, DIXIE	7/11-8/26
G4118	HRD 664	LEC	CULTURE, TRAD & THE LIFE CY	3.0	4:00- 7:15P	MW	ATKINSON, ROBERT G	6/1 -7/13
G1 106	HRD 665	LEC	PSY MEASURE & EVALUATION	3.0	4:00- 6:40P	MW	SUTTON, JOHN M	5/23-7/8
G1 111	HRD 671	LEC	PHYSICAL BASES OF BEHAVIOR	3.0	4:00- 6:40P	MW	VESS, SUSAN M	5/23-7/8
G1 107	HRD 674	LEC	ABNORMAL PSYCHOLOGY	3.0	7:00- 9:40P	MW	VESS, SUSAN M	5/23-7/8
G4119	HRD686	PRA	INTERNSHIP IN COUNSEL EDU	VAR			KATSEKAS, BETTE S	5/23-8/26
G4120	HRD 687	PRA	INTERNSHIP IN ADULT EDUC	VAR			BRADY, E MICHAEL	
G4115	HRD 688	PRA	INTERNSHIP SCHOOL PSYCHOLOG	VAR			STEEGE, MARK	5/23-7/8
G4159	HRD 688	PRA	INTERNSHIP SCHOOL PSYCHOLOG	VAR			STEEGE, MARK	5/23-7/8
G4126	HRD 696	LEC	COUNSELOR SUPERVISION	3.0	9:00- 2:00P	MTWTH	VANZANDT, C	7/11-7/21
G4160	HRD 697	IND	INDEP STUDY:ORIEN TO SCH PS	VAR			STEEGE, MARK	
G4121	HRD 698	IND	DIRECTED STUDY IN HRD	VAR			BRADY, E MICHAEL	
G4122	HRD 699	IND	INDEPENDENT STUDY:SCHOOL PS	VAR			STEEGE, MARK	
G4123	HRD 699	IND	INDEPENDENT STUDY:HRD	VAR			BRADY, E MICHAEL	
G4124	HRD 699	IND	INDEPENDENT STUDY:COUNS EDU	VAR			TBA	
G4129	HRDX646	LEC	INTRO TO INTNL ADULT EDUC	3.0	8:00- 5:00P	MTWTHF	CASSARA, BEVERLY	8/8 -8/12
G4127	HRDX647	LEC	WORK & LEARNING INSTITUTE	3.0	8:00- 5:00P	MTWTHF	BAILEY, MARILYN	6/20-6/24

Professional Education, Margo Wood, 218 Bailey Hall (780-5300)

G1093	EDU 510	LEC	DEVELOP COMPOSITION PROCESS	3.0	4:00- 6:40P	TTH	WOOD, MARGO	5/23-7/8
G4097	EDU 524	LEC	SUPERVISED PRACT RDG DIS	VAR			O'DONNELL, MICHAEL	
G4098	EDU 529	LEC	READING CLINIC THIS CLASS MEETS JUNE 23 - JULY 29.	6.0	8:30-12:30P	MTWTHF	O'DONNELL, MICHAEL	
G1094	EDU 560	LEC	ESL:CLASS TEACH PRACTICES	3.0	4:00- 6:40P	MW	BOUCHARD, DONALD L	5/23-7/8
P1095	EDU 561	LEC	ASPECTS OF THE ENGLISH LANG	3.0	4:00- 6:40P	TTH	WEYAND, ARTHUR	5/23-7/8
G2029	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	3.0	8:15-11:30A	TTH	DURHAM, DONA	6/27-8/5
G4099	EDU 600	LEC	RESEARCH METHODS&TECHNIQ THIS CLASS MEETS MAY 23-JUNE 22, JULY 18-AUGUST 1.	3.0	7:00- 9:40P	MW	COHEN, LIBBY	
G4100	EDU 603	LEC	ANALYSIS OF TEACHING THIS CLASS MEETS JULY 5-21 (NO CLASS JULY 15).	3.0	9:00-12:30P	MTWTHF	KULAWIEC, EDWIN P	
G4102	EDU 610	LEC	CRITICAL ISSUES:TCHG/LEARNI THIS CLASS MEETS MAY 21, 8AM-2PM; JUNE 27-JULY 8, M-F, 9AM-12:30PM (JULY 4 IS A HOLIDAY).	3.0			AMOROSO, HENRY C	
G4112	EDU 617	LEC	TEACHING-MIDDLE LEVEL SCHOO	3.0	8:00- 4:00P	MTWTHF	MAJOR, CHERIE R	8/8 -8/12
G2026	EDU 620	LEC	FOUND LITERACY INSTRUCTION	3.0	8:15-11:30A	MW	WOOD, MARGO	6/27-8/5
G2021	EDU 622	LEC	LANG/LITERACY YOUNG CHILD	3.0	6:00- 9:15P	TTH	TBA	6/27-8/5
G2022	EDU 630	LEC	ORGANIZE LITERACY INSTRUCT	3.0	12:30- 3:45P	TTH	HONAN, ELLEN M	6/27-8/5
G4103	EDU 633	LEC	SPECIAL APPLIC IN READING	VAR			TBA	
G4104	EDU 672	LEC	POL BASES OF DEC MAKING THIS CLASS MEETS MAY 23,4-7PM; JUNE 6,13,15,20,22,27,29, 4-8PM; JUNE 24, 8:30AM-3:00PM.	3.0			BARNES,RICHARD E	
G4105	EDU 699	IND	INDEPENDENT STUDY	VAR			GOLDSBERRY, LEE F	
G4106	EDU 699	IND	INDEPENDENT STUDY	VAR			MILLER, LYNNE C	
G4107	EDU 699	IND	INDEPENDENT STUDY	VAR			LYONS, CHARLES M	
G4109	EXE 611	LEC	NATURE AND NEEDS EXC LEARNE THIS CLASS MEETS MAY 23-JUNE 22, JULY 18-AUGUST 1.	3.0	4:00- 6:40P	MW	COHEN, LIBBY	
G1096	EXE 615	LEC	CLASSROOM & BEHAVIOR MGMT	3.0	4:00- 6:40P	MW	LYONS, CHARLES M	5/23-7/8
G4114	EXE 643	LEC	EDU HEAR IMPAIR STUD:PUB SC THIS CLASS MEETS MAY 23,25, JUNE 1,6,13,15,27,29, 4-7PM; ALSO JUNE 9, 4-9PM (AUGUSTA) AND JUNE 20,9AM-5PM (WATERVILLE)	3.0			REES, TONI H	
G4110	EXE 684	LEC	ADMINISTRATION IN SPEC ED	3.0	8:00- 4:00P	TWTHFS	LYONS, CHARLES M	7/5 -7/9
G4111	EXE 687	LEC	TECH IN SPEC EDU & REHAB THIS CLASS MEETS JULY 18-20,28, 29, 8AM-4PM.	3.0			SPENCINER, LORAIN	
G4108	EXE 688	PRA	INTERNSHIP IN EXCEPTIONALIT	VAR			REES, TONI H	
G1097	EXE 694	LEC	VOC EDU SPECS NEEDS STUD	3.0	4:00- 6:40P	TTH	HARVEY, MICHAEL W	5/23-7/8

Teacher Education, Nona Lyons, 500 Bailey Hall (780-5301)

G1427	EDU 200	LEC	STUDIES-EDUC FOUNDATIONS	3.0	12:30- 3:45P	MTW	COLUCCI, NICHOLAS D	5/23-6/17
G1428	EDU 210	LEC	THEORETICAL FOUND LEARN	3.0	8:15-11:30A	MTW	MORRILL, DAVID	5/23-6/17
G3411	EDU 300	LEC	MEDIA AND TECHNOLOGY	3.0	12:30- 3:45P	MTW	STEBBINS, BARBARA D	7/11-8/5

LOC/ CRN	COURSE	TYP	TITLE	CRED HRS	TIME	DAYS	INSTRUCTOR	DATES
G2020	EDU 303	LEC	DEVELOPMENTAL READING I	3.0	8:15-11:30A	MW	WOOD, MARGO	6/27-8/5
G1021	EDU 308	LEC	SCIENCE FOR CHILDREN	3.0	4:00- 6:40P	MW	HOWICK, THOMAS	5/23-7/8
G1092	EDU 312	LEC	TEACH LANGUAGE ARTS	3.0	4:00- 6:40P	TTH	WOOD, MARGO	5/23-7/8
G4092	EDU 323	IND	INDEPENDENT STUDY	VAR			LYONS, NONA	
G4218	EDU 335	LEC	EXCEPT STUDENT IN CLASSROOM	3.0			PRINCE, SANFORD J	
			THIS CLASS MEETS JUNE 3 AND 17, 4:00-9:30PM; JUNE 22,23, 1:00-4:00PM; JULY 5,6,7, 8:00AM-12:30PM; JULY 8, 8:00AM-3:00PM.					
P1091	EDU 336	LEC	CHILDREN'S LITERATURE	3.0	4:00- 6:40P	MW	MARTIN, JOYCE	5/23-7/8
G3414	EDU 358	LEC	TEACH SOCIAL STUDIES ELEM S	3.0	8:15-11:30A	MTW	LAROSA, PATRICIA	7/11-8/5
G1424	PHE 304	LEC	HEALTH & PE ELEM TEACHER	3.0	12:30- 3:45P	MTW	ZIMMERMAN, JEAN	5/23-6/17

Physical Education, Nona Lyons, 500 Bailey Hall (780-5301)

X4096	PHE 325	LEC	WORKSHOP IN EXPER EDUC	3.0	9:00- 5:00P	MTWTHF	BOUCHARD, JOEY A	
			MEETS AT WOLFES NECK FARM, MAY 16-20 AND HAS A COURSE FEE OF \$50.00.					
X4182	PHE 325	LEC	WORKSHOP IN EXPER EDUC	3.0	9:00- 5:00P	MTWTHF	BOUCHARD, JOEY A	
			MEETS AT WOLFES NECK FARM, MAY 31-JUNE 4 & HAS A COURSE FEE OF \$50.00.					
0X4183	PHE 325	LEC	WORKSHOP IN EXPER EDUC	3.0	9:00- 5:00P	MTWTHF	BOUCHARD, JOEY A	
			MEETS AT WOLFES NECK FARM, JUNE 20-24 AND HAS A COURSE FEE OF \$50.00.					

Professional Development Center, George Lyons, 305 Bailey Hall (780-5326)

P4219	EDU 619	LEC	TOPICS-MID LEV:INTEG CURRIC	3.0	8:30- 4:00P	MTWTHF	PIPPEN, JUDITH	6/27-7/1
G4152	EPD 542	LEC	SOCIAL PROC & CULTURE OF SC	3.0	8:30- 4:30P	MTWTHF	HANNAH, MARY	
			THIS CLASS MEETS JULY 20,21,22,25 AND 26.					
X4153	EPD 553	LEC	CURRICULUM DESIGN-HYPERCARD	3.0			BROYLES, INDIA L	7/25-7/29
G4132	EPD 564	LEC	COUNS TRAUM/DISORDER CHILDR	3.0	8:30- 4:30P	MTWTHF	HORNE	7/18-7/22
G4131	EPDI501	LEC	COOPERATIVE LEARNING	3.0	8:30- 4:30P	MTWTHF	PICKERING	8/1 -8/5
G4133	EPDI502	LEC	USING MAC COMP/SPEC NDS STU	3.0	8:00- 4:00P	MTWTHF	WANDERMAN, RICHARD	7/11-7/15
P4134	EPDI517	LEC	COMPUTER NETWORKING:GLOBAL	3.0	9:00- 2:00P	MTWTHF	SHEDLETSKY, LEONARD	7/25-8/5
G4145	EPDI521	LEC	USING HYPERCARD IN SPEC EDU	3.0	8:00- 4:00P	MTWTHF	WANDERMAN, RICHARD	7/18-7/22
G4135	EPDI527	LEC	EDUC IMP FOR LANGUAGE LD	3.0	8:30- 4:00P	WTHFMT	BRAY, CANDICE	
			THIS CLASS MEETS JULY 6-8, 11, 12.					
G4156	EPDI530	LEC	STORYTELLING INSTITUTE	3.0	8:30- 4:30P	MTWTHF	PENTILESCU, MARK	6/27-7/1
X4136	EPDI548	LEC	LEADER TRAIN-EXPERIENTIAL E	3.0			BOUCHARD, JOEY A	6/27-7/1
X4137	EPDI548	LEC	LEADER TRAIN-EXPERIENTIAL E	3.0			BOUCHARD, JOEY A	7/11-7/15
G4141	EPDI586	LEC	WHOLE LANG TEACHING:PS-3	3.0	8:30- 4:30P	MTWTHF	KENNEDY, JUDITH	7/18-7/22
G4143	EPI 502	LEC	MULTI-AGE EDUCATION	3.0	8:30- 4:30P	MTWTHF	RICHARDSON, IRVING	6/27-7/1
G4144	EPI 507	LEC	PORTFOLIOS IN THE CLASSROOM	3.0	8:30- 2:30P	MTWTHF	LOUGHLIN	
			THIS CLASS MEETS JULY 25-29, OCTOBER 15.					
G4186	EPI 522	LEC	HYPERCARD PROJ IN SPEC EDUC	3.0	8:00- 4:00P	MTWTHF	WANDERMAN, RICHARD	7/25-7/29
G4149	EPI 524	LEC	CURRIC INTEGRATION K-6	3.0	8:30- 4:00P	MTWTHF	CURRY, JAMES A	
			THIS CLASS MEETS AUGUST 22-26, OCTOBER 8.					
P4185	EPI 526	LEC	CONFLICT RESOL/MEDIATION	3.0	8:30- 3:00P	MTWTHF	RUBENSTEIN, J	
			THIS CLASS MEETS AUGUST 1-5, OCTOBER 1.					
P4151	EPI 528	LEC	AUTISM & SEVERE DISAB:STRAT	3.0			ANDERSON, S	
			THIS CLASS MEETS AUGUST 8-10, SEPTEMBER 24, OCTOBER 22, 8:30AM-4:00PM.					
G4155	EPI 529	LEC	CRITICAL & CREATIVE THINKIN	3.0	8:30- 4:30P	MTWTHF	DRAPEAU, PATTI B	7/18-7/22
G4148	EPI 530	LEC	COMMUNIC. SKILLS FOR TCHRS	3.0	8:30- 4:30P	MTWTHF	WEST, RICHARD	6/27-7/1
P4142	EPI 533	LEC	TEACHING TOLERANCE-DIVERSIT	3.0	8:30- 4:30P	MTWTHF	BRYANT	7/18-7/22
G4188	EPI 534	LEC	FAMILY,CHILD,TCHR INTERACTI	3.0			SANDBERG, MICHAEL	
			THIS CLASS MEETS JULY 25, 26, AUGUST 1,2, 15,16, 8:30AM-2:30PM.					
G4220	EPI 536	LEC	RESEARCH SEM:WOMEN'S PSYCH	3.0			LYONS, NONA	
			THIS CLASS MEETS MAY 26, 27, 3-6PM; JUNE 24, 25, 9AM-3PM; JUNE 29-JULY 1, 10AM-4PM.					

Lewiston/Auburn College

51-55 West Minster Street, Lewiston (783-4860)

L1063	COR 126J	LEC	GLOBAL ENLIGHTENMENT	3.0	4:00- 6:40P	TTH	NANNAY, ROBERT	5/23-7/8
L3039	ENG 120H	LEC	INTRO TO LITERATURE	3.0	7:00- 9:40P	MW	BENGELA, MICHAEL	7/11-8/26
L1425	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	3.0	9:00-12:15P	MTTH	HITCHCOCK, JAN	5/23-6/17
L1061	HTY 132I	LEC	U.S. HISTORY SINCE 1877	3.0	7:00- 9:40P	MW	LIMANNI, ANTHONY M	5/23-7/8
L4214	HUM 398	IND	INDEPENDENT STUDY	3.0			SCHAIBLE, ROBERT	
L1423	MOS 300	LEC	INTRO:ORGANIZATION&THEIR MG	3.0	9:00-12:15P	MTTH	ROBINSON, BETTY D	5/23-6/17
L4052	MOS 385	PRA	INTERNSHIP IN MOS	VAR			SCHAIBLE, ROBERT	
			STUDENTS MUST RECEIVE FACULTY PERMISSION TO ENROLL IN THIS CLASS.					
L4053	MOS 398	IND	INDEPENDENT STUDY	VAR			SCHAIBLE, ROBERT	
			STUDENTS MUST RECEIVE FACULTY PERMISSION TO ENROLL IN THIS CLASS,					
L1064	POS 101J	LEC	INTRO TO AMER GOVERNMENT	3.0	4:00- 6:40P	MW	DRUKER, MARVIN J	5/23-7/8
L3409	PSY 101J	LEC	GENERAL PSYCHOLOGY I	3.0	9:00-12:15P	MTTH	BROIDA, JOHN P	7/11-8/5
L4054	SBS 385	PRA	INTERNSHIP	VAR			SCHAIBLE, ROBERT	
			STUDENTS MUST RECEIVE FACULTY PERMISSION TO ENROLL IN THIS CLASS,					
L4055	SBS 398	IND	INDEPENDENT STUDY	VAR			SCHAIBLE, ROBERT	
			STUDENTS MUST RECEIVE FACULTY PERMISSION TO ENROLL IN THIS CLASS,					
L1062	SCI 100K	LEC	NATURAL SCIENCE TOPICS	4.0	4:00- 6:30P	TTH	MINKOFF, ELI C	5/23-7/8
				6:30- 8:30P	TTH			

Note: Session Dates are noted in the last column.

LOC/CRN	COURSE	TYP	TITLE	CRED HRS	TIME	DAYS	INSTRUCTOR	DATES
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L3040	SCI 105	LEC	BASIC CHEMISTRY	1.0	4:00- 6:30P	M	TBA	7/11-8/26
L4217	SCI 172	LEC	HUMAN ANATOMY & PHYSIOLOGY	4.0	3:00- 5:30P	MW	MUELLER-SHORE	5/23-7/14
					6:00- 8:00P	MW		
L4056	SCI 400	SEM	SENIOR SEMINAR	3.0			GREENWOOD, HELEN L	
L1422	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	3.0	9:00-12:15P	MTW	ANSPACH, DONALD F	5/23-6/17

Edmund S. Muskie Institute of Public Affairs

Richard Barringer, 622 Law School (780-4380)

P1129	PPM 615	LEC	MANAGING THE HUMAN ORGANI	3.0	4:00- 6:40P	MW	BARRINGER, RICHARD	5/23-7/8
P1131	PPM 636	LEC	MANAGING THE AMERICAN CITY	3.0	4:00- 6:40P	TTH	TBA	5/23-7/8
P1130	PPM 660	LEC	LAND USE PLANNING & POLICY	3.0	4:00- 6:40P	MW	TBA	5/23-7/8
P4175	PPM 695	IND	INDEPENDENT STUDY	3.0			TBA	
P4176	PPM 696	PRA	INTERNSHIP	2.0			TBA	
P4177	PPM 699	LEC	CAPSTONE PROJECT	3.0			TBA	

School of Applied Science

Applied Medical Sciences, Ah-Kau Ng, 117 Science Building (780-5585)

P4057	AIM 630	LEC	MEDICAL IMMUNOLOGY	3.0			NG, AH-KAU	
P4058	AIM 631	LAB	MEDICAL IMMUNOLOGY LAB	3.0			NG, AH-KAU	
			THIS CLASS HAS A COURSE FEE OF \$50.00.					
P4059	AIM 697	IND	INDEPENDENT STUDY	VAR			TBA	
P4060	AIM 698	THE	THESIS	VAR			TBA	

Computer Science, Charles Welty, 224 Science Building (780-4499)

P1065	COS 160	LEC	STRUCT PROB SOLVE-PASCAL	3.0	4:00- 6:40P	MW	BRIGGS, DAVID A	5/23-7/8
			COS 160 AND 170 MUST BE TAKEN CONCURRENTLY.					
P3041	COS 161	LEC	ALGORITHMS IN PROGRAMMING	3.0	4:00- 6:40P	TTH	FENNER, STEPHEN	7/11-8/26
P1066	COS 170	LAB	STRUCTURED PROGRAMMING LAB	1.0	4:30- 6:30P	T	TBA	5/23-7/8
			COS 160 AND 170 MUST BE TAKEN CONCURRENTLY.					
P1067	COS 211	LEC	THE C PROGRAMMING LANGUAGE	3.0	4:00- 6:40P	TTH	WELTY, CHARLES	5/23-7/8
P1444	COS 212	LEC	UNIX OPERATING SYSTEM	1.0	4:30- 6:15P	MW	HOUSER, STEPHEN	5/23-6/17
P1068	COS 230	LEC	PROGRAMMING IN COBOL	3.0	7:00- 9:40P	MW	GOUIN, NORMANDE	5/23-7/8

Engineering, James Smith, 106A Technology Center (780-5584)

G1069	ELE 498	LEC	DIGITAL IMAGE PROCESSING	3.0	4:00- 6:40P	TTH	TBA	5/23-7/8
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Technology, Richard Carter, 101 Technology Center (780-5440)

G4062	ATE 460	IND	INDEPENDENT STUDY	VAR			BAZINET, GREGORY P	
G4063	ATEI381	LEC	METH & MAT INSTRUCT VOC EDU	3.0	8:30- 4:00P	MTWTHF	BAZINET, GREGORY P	8/1 -8/12
G4061	IEP 699	IND	INDEPENDENT STUDY	VAR			NANNAY, ROBERT W	
G3043	ITP 210	LEC	TECHNICAL WRITING	3.0	7:00- 9:40P	TTH	ZANER, JOHN A	7/11-8/26
G1070	ITP 300	LEC	ERGONOMICS/TIME STUDY	3.0	7:00- 9:40P	TTH	MOORE, WILLIAM H	5/23-7/8
G3044	ITP 320	LEC	OCCUPATIONAL SAFETY & HEALTH	3.0	7:00- 9:40P	MW	KIRK, ALBERT S	7/11-8/26
G1071	ITP 350	LEC	CONFERENCE LEADING	3.0	7:00- 9:40P	MW	CARTER, RICHARD H	5/23-7/8
G4064	ITT 440	PRA	RELATED EXPER/INTERNSHIP	VAR			TBA	
G4065	ITTI440	LEC	RELATED OCCUPATION EXPER	VAR			BAZINET, GREGORY P	

School of Nursing

Nursing, Patricia A. Geary, Masterton Hall (780-4130)

NUR 210 AND 417 HAVE A COURSE FEE OF \$15.00; NUR 312, 403, AND 416 HAVE A COURSE FEE OF \$7.50.

P1081	NFS 252	LEC	HUMAN NUTRITION	3.0	4:00- 6:40P	TTH	BURSON, JANET Z	5/23-7/8
P1108	NUR 209	LEC	TOTAL HEALTH ASSESSMENT	2.0	10:00-12:00P	TTH	RODGERS, MARIANNE W	5/23-7/8
P1109	NUR 210	LAB	TOTAL HEALTH ASSESSMENT LAB	2.0	8:30-12:30P	W	LINK, SUSAN	5/23-7/8
P1112	NUR 210	LAB	TOTAL HEALTH ASSESSMENT LAB	2.0	1:00- 5:00P	TH	TBA	5/23-7/8
			FOR RN OPTION ONLY.					
P1113	NUR 210	LAB	TOTAL HEALTH ASSESSMENT LAB	2.0	1:00- 5:00P	T	TBA	5/23-7/8
P1127	NUR 210	LAB	TOTAL HEALTH ASSESSMENT LAB	2.0	1:00- 5:00P	T	TBA	5/23-7/8
			FOR RN OPTION ONLY					
P1134	NUR 210	LAB	TOTAL HEALTH ASSESSMENT LAB	VAR	8:30-12:30P	W	TBA	5/23-7/8
P4161	NUR 299	LEC	TRANSITIONS FOR OPTION STU	2.0			HEALY, PHYLLIS	
			THIS CLASS MEETS MAY 16, 20, 23; SEPTEMBER 1 AND 2.					
P4167	NUR 302	LEC	PHARMACOLOGY	3.0	8:30-11:20A	F	TBA	
			THIS CLASS MEETS MAY 23-AUGUST 26.					
P1114	NUR 304	LEC	RN TRANSITION	5.0	8:00- 1:00P	MW	RODGERS, MARIANNE W	5/23-7/8
P1115	NUR 311	LEC	REPROD & SEXUAL HEALTH NURS	2.0	10:30-12:30P	MF	TBA	5/23-7/8
P1116	NUR 312	LAB	REPRO&SEXUAL HEALTH NURS LA	2.0	3:00-11:00P	T	CATON-LEMONS, LAURIE	5/23-7/8
P1117	NUR 312	LAB	REPRO&SEXUAL HEALTH NURS LA	2.0	3:00-11:00P	W	CATON-LEMONS, LAURIE	5/23-7/8
P1118	NUR 312	LAB	REPRO&SEXUAL HEALTH NURS LA	2.0	7:00- 3:00P	TW	TBA	5/23-7/8
P1119	NUR 401	LEC	HEALTH RELATED RESEARCH	3.0	3:30- 6:15P	MW	VINES, SUSAN	5/23-7/8
P1125	NUR 402	LEC	ADULT HEALTH NURSING	2.0	4:00- 5:50P	WTH	DOANE, CAROL	5/23-7/8
P1126	NUR 403	LAB	ADULT HEALTH NURSING LAB	2.0	7:00- 3:00P	TTH	TBA	5/23-7/8

LOC/ CRN	COURSE	TYP	TITLE	CRED HRS	TIME	DAYS	INSTRUCTOR	DATES
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P3054	NUR 403	LAB	ADULT HEALTH NURSING LAB	2.0	7:00- 3:00P	TTH	TBA	7/11-8/26
P3055	NUR 403	LAB	ADULT HEALTH NURSING LAB	2.0	7:00- 3:00P	TTH	TBA	7/11-8/26
P4150	NUR 415	LEC	CONCEPTS IN COMMUNITY HEALT	2.0	6:30- 8:45P	MW	KEITH, ANNE	
P1123	NUR 416	LAB	COMMUNITY HLTH NURSING LAB	2.0	7:00- 3:00P	TW	PEAKE-GODIN, H	5/23-7/8
P1124	NUR 416	LAB	COMMUNITY HLTH NURSING LAB	2.0	7:00- 3:00P	TW	TBA	5/23-7/8
P3042	NUR 416	LAB	COMMUNITY HLTH NURSING LAB	2.0	7:00- 3:00P	W	KEITH, ANNE	7/11-8/26
P4168	NUR 417	LAB	COMMUNITY CLINICAL FOR RN OPTION ONLY	4.0	7:00- 3:00P	TW	VINES, SUSAN	
P4221	NUR 420	LEC	FUNDAMENTAL NURSING SKILLS	2.0			NORMANDEAU, JEANNE	
			THIS CLASS MEETS MAY 16-27. IT IS PART OF THE CNA PROGRAM.					
X4222	NUR 499	LEC	INTRO TO CRITICAL CARE NURS	3.0			WHITE, PAULA	
			THIS CLASS MEETS MAY 23-AUGUST 1, MONDAY, 4:30-8:30PM AT TOGUS VA CENTER.					
X4216	NUR 595	LEC	THERAPEUTIC TOUCH INSTITUTE	3.0			SMITH, DOROTHY W	
			THIS CLASS MEETS MAY 20-22; AUGUST 13-14 AT WOLFES' NECK FARM. CONTACT SUMMER SESSION FOR MORE INFORMATION.					

Recreation & Leisure Studies, Linda R. Meyer, 220 Portland Gym (780-4172)

P1426	REC 110	LEC	INTRO TO REC & LEISURE SERV	3.0	8:15-11:30A	MTW	RICHESON, NANCY	5/23-6/17
P1089	REC 216	LEC	ADV FIRST AID & EMERG CARE	3.0	7:00- 9:40P	MW	MCCULLOUGH, WILLIAM	5/23-7/8
P1090	REC 219	LEC	PERSONAL FITNESS	3.0	4:00- 6:40P	TTH	WELLS, CHRIS	5/23-7/8
P2019	REC 219	LEC	PERSONAL FITNESS	3.0	8:15-11:30A	TTH	WELLS, CHRIS	6/27-8/5
P1448	REC 399	LEC	SPORTS INJURY:CARE & PREV	3.0	8:15-11:30A	MTW	DERASPE, JENNIFER A	5/23-6/17
			THIS CLASS WILL ALSO MEET THURSDAY, JUNE 2.					

Learning Assistance Program

Robert Lemelin, 301 Payson Smith Hall (780-4689)

P1072	ABU 119	LEC	WRITTEN BUSINESS COMMUNICAT	3.0	4:00- 6:40P	TTH	SOULIERE, YVONNE	5/23-7/8
P3046	ENG 009A	LEC	DEVELOPMENTAL ENGLISH	3.0	7:00- 9:40P	MW	DENNISON, RICHARD A	7/11-8/26
P3045	FRS 100	LEC	FRESHMAN SEMINAR	3.0	4:00- 6:40P	TTH	TBA	7/11-8/26

Saco/Biddeford Center

T3056	SOC 314	LEC	FILM AND SOCIETY	3.0	7:00- 9:40P	MW	BJELIC, DUSAN	7/11-8/26
T1128	SWO 388	LEC	SUBSTANCE USE AND ABUSE	3.0	7:00- 9:40P	TTH	TBA	5/23-7/8

Sanford Center

CLASSES AT SANFORD MEET MAY 16-JULY 1.

S4067	GEY 210	LEC	FIELD TRIPS IN COAST. GEOLO	3.0	10:00-11:30A	W	SWANSON, MARK T	
					9:00- 5:00P	TH		
S4069	MAT 105D	LEC	MATH FOR QUANT DEC MAKING	3.0	7:00- 9:40P	TTH	DENTON, PRISCILLA	
S4068	MUS 103G	LEC	INTRODUCTION TO JAZZ	3.0	4:00- 6:40P	MTH	STREET, PHILO W	
S4070	PSY 101J	LEC	GENERAL PSYCHOLOGY I	3.0	7:00- 9:40P	MW	JOHNSON, DEBORAH	

Note: Session Dates are noted in the last column.

Course Descriptions

College of Arts and Sciences

Art

AED 412 Exceptionality—Art Educators

This course examines characteristics of exceptional learners, strategies for teaching these students in the art classroom, and services available to them in the school and community. The focus will be on lesson planning, learning-teaching strategies, and classroom management for mainstreaming in the art classroom. Cr 3.

ARH 111G Art History: Prehistoric to Medieval

Examination and discussion of the painting, sculpture and architecture from prehistoric cultures through the Middle Ages. The course emphasizes the relationship of the visual arts to social, political, religious and culture trends, and introduces students to various methods of art historical interpretation. Cr 3.

ARH 112G Art History: Renaissance to Modern

A continuation of ARH 111G from the Renaissance through the 20th century. In both semesters of the course, examples of architecture and sculpture, paintings, etc. are used as the basis of inquiry. Cr 3.

ART 101G Approaches to Art

Selected experiences using original works, lecture, panel discussions, slides, films, and other means to confront the student with the significance of the visual arts in human history. The aim of the course is to involve students in direct experiences affecting their own perception of visual form. Cr 3.

ART 141F Fundamental Design I (2-D)

A studio introduction to the basic elements of two-dimensional and color relationships. Cr 3.

ART 199 Supporting Yourself as an Artist

This course will serve as a valuable resource for artists and crafts people who are interested in supporting themselves through their work. Designing a specific project, identifying sources of support, and presentation skills will be addressed. Students are encouraged to come to the first class with a project idea. Cr 1.

ART 199 Photographing Your Artwork

An introductory level course covering all aspects of making slides of both 2 and 3 dimensional artwork. The basis of camera exposure will be reviewed along with lighting techniques, film, and slide presentation. You will need an adjustable 35mm camera which you should bring with you to the first class. Cr 1.

ART 199 Preparing Artwork for Presentation

This course offers vital, often overlooked, information and prepared the artist to present his/her work in the best possible light—properly matted and framed to current professional standards. Students are given the opportunity to learn valuable hands-on skills of matting, mounting and framing. Museum standards are stressed, conservation consideration addressed as well as appropriateness of style and aesthetics. Cr 1.

ART 199 Introduction to Academic Drawing Principles

The aim of this course is to introduce basic drawing methodologies, which have been used for centuries, in realizing artistic endeavors. The six basic methodologies which will be explored are: linear drawing, structural drawing, tonal drawing, volume and form, light and shadow, and anatomical drawing. Prerequisite: Permission of instructor. Courses are as follows: a) Basic Principles (Cr 1); b) Cartesian Space (Cr 1); c) Anatomical Drawing (Cr 1).

ART 199 The Culture of Cyberspace

This seminar format class will examine the impact of new computer technologies (digital imaging, virtual reality, hypermedia, networks, etc.) on contemporary

culture, with a particular emphasis on the role of the artist. The first half of the course will analyze both the cultural process which framed earlier technological forms (railroads, electricity, etc.) as well as the social and economic implications of computer technology. During the second half of the course, we will evaluate the role of the contemporary artists who uses computer-based technology. What role should the artist play in a "postindustrial" society? What would constitute an "artistic" use of computer technology? How do we evaluate computer-based art? Classes combine lectures and discussions. Cr 3.

ART 199 Contemporary Media Culture

This course will examine different methodologies in media studies from the work of the Frankfurt School and British cultural studies (e.g., Raymond Williams and Stuart Hall) to more recent developments in the U.S., with a particular focus on feminist criticism. We will then apply these critical insights to examples from popular culture focusing mainly on network television. Topics will include: Madonna, Fox network, TV news, and alternative media. Classes combine lectures and discussions. Cr 3.

ART 199 Introduction to Visual Design

This studio class will allow students to use materials and techniques with which they are already familiar in combination with the tools and techniques of graphic design. Projects will draw upon Renaissance, modernist, and contemporary traditions in typography and page design. Together we will experiment with how type and image work together, how designers use images in their work, and how artists use the tools of graphic design. Instruction will take place in the classroom, in the studio, and in a Macintosh computer lab. Prerequisite: Art core or permission of instructor. Cr 3.

ART 249 2-D, 3-D Figure Study

A studio course of figure study including drawing, modeling, readings in artistic anatomy; supplemented by historical study of figurative art. Cr 3.

ART 259 Landscape Drawing

This course will concentrate on drawing the landscape at Wolfe's Neck Farm and other Maine locations. Assigned problems will focus on aspects of the following: pictorial composition and design, analysis of landscape forms and structures, and methods for creating the illusion of outdoor light and space. A variety of both wet and dry media will be used. Included will be daily critiques, illustrated talks with original works as well as

slides of masters and museum visits. Prerequisite: Art core or permission of instructor Cr 3.

ART 261 Painting

An introduction to basic aspects of the painting process as related to visual perception and technique. Prerequisite: Art core. Cr 3.

ART 269 Landscape Painting

An investigation of the painting process as related to visual perception of the natural environment. This course will take place outside at Wolfe Neck Farm. Students planning to pursue a degree in art must take the Art Core prior to registering for this course. Cr 3.

ART 271 Photography

This course explores photography as a creative medium and introduces the student to basic skills in the use of the camera and darkroom equipment. It investigates and practices the fundamental techniques and processes of black and white photography as an art form. Prerequisite: art core courses. Cr 3.

ART 299 Drawing Off The Page: Nontraditional Formats

The intent of this course is to examine the formal and expressive elements that are unique to the drawing aesthetic. The traditional materials, techniques and processes will act as points of departure for a series of exercises that explore these elements in nontraditional formats. Our goal is to construct "drawings" that retain the essence and energy of this discipline while pushing into areas that might be associated more often with painting, sculpture or other modes of expressions. Prerequisite: Art core or permission of instructor. Cr 3.

ART 299 The Visual Book

This course will use the visual book, or artist's book, as a medium for personal expression. Students will use 2D and 3D skills to develop a collection of unique books made with a variety of materials. Binding techniques, visual transition, and color theory will be covered as materials and methods for book arts. Prerequisite: Art core or permission of instructor. Cr 3.

ART 363 Painting/Watercolor

Watercolor, wash, dry-brush, ink and wash, gouache, and other techniques in water media. Emphasis on individual concepts and personal expression. Prerequisite: ART 261. Students planning to pursue a degree in art must take the Art Core prior to registering for this course. Cr 3.



ART 412 Topics in Studio Art: Haystack**EPDI 549 Art Education: Haystack**

Undergraduate and graduate level courses are available for credit through an agreement between Haystack Mountain School of Crafts (Deer Isle, Maine) and the USM Art Department. Please contact the USM Summer Session at 780-4076 or Haystack at 348-2306 for information and registration procedures.

Biology**BIO 100K Biological Basis of Human Activity**

A course designed to elucidate the basic biological constraints of human performance. This course does not serve as a prerequisite for BIO 107 or BIO 211.

Cr 3.

BIO 102K Biological Experiences

Laboratory studies to complement and illustrate the concepts presented in BIO 101K and BIO 100K. Prerequisite: Prior to concurrent registration in BIO 101K or BIO 100K.

Cr 3.

BIO 105K Biological Principles I

An introduction to scientific principles underlying the unity and diversity of life. Prerequisite: students must have fulfilled the University minimum proficiency requirements in writing and mathematics.

Cr 3.

BIO 106K Laboratory Biology I

Laboratory experiences illustrating concepts and principles introduced in BIO 105K. Must be taken concurrently with BIO 105K or 111.

Cr 1.5.

BIO 111 Human Anatomy and Physiology I

The course starts with the study of cell chemistry, structure, and function. Students will be introduced to the principles of genetics, reproduction, growth and development and to the study of the integumentary and skeletal system. Prerequisite: satisfactory completion of minimum proficiency requirements. Note: BIO 106K serves as the lab for BIO 111.

Cr 3.

BIO 211 Human Anatomy and Physiology II

This course focuses on many of the organ systems in the human body. The structure and function of the muscular, nervous, endocrine, cardiovascular, respiratory, digestive and urinary systems will be discussed. Prerequisite: grade of C or higher in BIO 105K.

Cr 3.

BIO 212 Practical Human Anatomy and Physiology

Laboratory studies of the structure and functions of the human body including histology and physiology experiments. NOT open to those who have completed BIO 205. Prerequisite: grade of C or higher in BIO 106K; BIO 211 or concurrently.

Cr 1.5.

BIO 281 Microbiology and Human Disease

Fundamentals of microbiology with emphasis on infectious diseases of people, including bacteria, rickettsia, fungi, viruses, protozoa and helminths. Prerequisites: grade of C or higher in BIO 105K, and college chemistry.

Cr 3.

BIO 282 Microbiology and Human Disease Laboratory

Laboratory techniques in the cultivation, identification, and control of micro-organisms. Prerequisites: BIO 281 or concurrently.

Cr 2.

BIO 291 Ornithology

This course studies the basic biology of birds: their life histories, migration, ecology, and economic importance, with emphasis on species found in Eastern North America. Numerous field trips to a variety of habitats will be taken for purposes of field identification. Students are responsible for their own appropriate outdoor clothing, footwear and for binoculars. Prerequisite: a grade of C or better in BIO 107 and BIO 108, or permission of instructor.

Cr 4.5.

BIO 341 Limnology

This course is the study of inland waters with special concern for the factors which influence the living populations within these waters. Lecture: 6 hrs./wk; two 4 hr labs/wk. Prerequisites: C or higher in BIO 107/108, 1 yr. college chemistry.

Cr 5.

**BIO 345 Pathophysiology**

A study of the physiological, genetic, biochemical and environmental basis of noninfectious diseases. Prerequisite: grade of C or higher in BIO 211 or permission of instructor.

Cr 3.

BIO 441 Problems in Biology

Independent library or laboratory studies on a special topic as mutually arranged by instructor and student. Prerequisite: by arrangement. Credit Arranged.

Chemistry**CHY 105 Chemistry for Health Sciences**

A one-semester introduction to general, organic, and biological chemistry, emphasizing the principles that are important for students studying the health sciences. Topics include measurement; atomic structure; bonding; states of matter, solutions; pH, acids, and bases; selected functional groups in organic chemistry; lipids, carbohydrates, and proteins; and metabolism of glucose and fatty acids. This course is not suitable for chemistry majors, biology majors, or preprofessionals (pre-medical, pre-dental, pre-veterinary). Prerequisite: one year of high school algebra.

Cr 4.

CHY 106 Chemistry Laboratory for Health Sciences

Experiments in this laboratory are designed to illustrate principles from CHY 105. Aims of the course are to develop skill in using common laboratory equipment, measuring and analyzing data, and reporting results of lab work. One four-hour meeting per week, comprising recitation and quizzes, laboratory work, and analysis of data. Students will need a specific calculator with statistical functions. Corequisite or prerequisite: CHY 105.

Cr 2.

CHY 115 Principles of Chemistry II

A continuation of CHY 113. This course is designed to provide the foundation for all further studies in chemistry and is a prerequisite for all upper-level chemistry courses. Prerequisite: a grade of C or better in CHY 113.

Cr 3.

CHY 116 Laboratory Techniques II

Laboratory experiments to illustrate the principles presented in CHY 115 lectures. One recitation and two laboratory hours per week. Prerequisite: a grade of C or better in CHY 114. Corequisite: CHY 115.

Cr 1.

CHY 411-416 Special Topics

Reading and discussion of advanced subjects or instruction in special topics/research. Permission of instructor required. 6 credits maximum.

Cr 1-3.

CHY 490 Senior Research Project

Open to senior majors. Prerequisites include a 3.0 GPA in chemistry, completion of the Analytical and Organic Chemistry series, and permission of the department. 15 credits maximum.

Cr 3-15.

Communication**COM 102J Introduction to Communication**

This course is designed to provide students with a conceptual framework of the basic elements of human communication. Students will examine different levels of communication analysis, learn to chart and analyze communication behavior, and discuss the effects of communication on themselves and others. Topics discussed will include communication theory, self-concept, interpersonal communication, nonverbal behavior, small group interaction, and mass communication. Students will be encouraged to adapt communication principles to their various fields of endeavor.

Cr 3.

COM 280 Mass Media and Human Interaction

Mass Media and Human Interaction concentrates on the history and effects of mass communication in our society. Through readings and independent research, the student will explore the content and social consequences of our rapidly changing telecommunication technology. Media to be discussed include print, broadcasting, and cable. Prerequisite: COM 102J.

Cr 3.

COM 284 Introduction to Film

This course seeks to introduce the student to the aesthetics of film. It assumes that the student has no knowledge of cinema beyond the movie-going experience. The aim of the course is to survey the fundamental aspects of cinema as an art form and communication vehicle. The power of moving images and their mass-mediated messages will be analyzed. Prerequisite: COM 102J.

Cr 3.

COM 300 Research Methods in Communication

This course introduces the methodology of communication research. The library, laboratory, field, and the computer will be considered. Topics to be studied include formulation of hypotheses; identification of variables; selection of research design; collection of data; and theory construction in a variety of communication contexts. The course is designed to enable students to evaluate critically the literature in communication research. Prerequisite: COM 102J and MAT 120D with grade of C or better.

Cr 3.

COM 332 Communication in the Family

This course examines the role of communication in various family types. Students will be introduced to



research and theory on the family and will apply findings to their own lives. Topics covered will include family satisfaction, communication rules, decision making, values, structures, autonomy and conflict. Students will be asked to draw upon their family backgrounds for analysis and discussion. Cr 3.

COM 399 Broadcast News

This is a workshop course that gives students experience in broadcast news writing. We work with same-day news copy from newspapers and, when available, wire services, under simulated newsroom conditions. The emphasis is on developing news judgment and mastering the skills needed to write the news effectively. That means learning the distinctive style of news writing for broadcast. Matching words with pictures will be taught, beginning with brief "tell" stories and advancing to voiceovers, sound-bite intros and then packaged reports. Cr 3.

COM 430 Communication Internship

An in-depth experience in specific areas of communication acquired in the field. Students will focus their efforts in an area related to their choice of communication expertise (i.e., organizational communication, mass communication, interpersonal communication). Prerequisite: COM 102] and a precise definition of the project and director's consent. Pass/Fail only. Restricted to majors only, or permission of the instructor. Cr var.

COM 484 Film and Culture

This course is a seminar investigating the impact of the film medium on American culture. The course material will give consideration to cultural theories of ideology, narrative, genre, and viewer positioning, to name a few. The class will analyze and critique a series of films presented during the session. Cr 3.

COM 484 Women and Film

The specific topic explored during this course will be women in film. Films will be analyzed in the context of the political and ideological subtexts they contain. The purpose of the analysis or criticism is to understand a film and to be able to relate it to the society which it reflects and sometimes affects. Cr 3.

COM 485 Sex-Related Differences in Communication

This seminar on sex-related differences in communication is designed primarily to evaluate critically the research literature. It is concerned with whether or not males and females differ in their actions of sending, receiving, and interpreting messages. The course examines gender-role stereotyping, empirical findings on sex-related differences in communication behavior (e.g., talking, interpersonal style, touching, eye contact, etc.), and explanations for sex differences. Critiques of some major theoretical positions are discussed (e.g., sex differences in dominance, aggression, cognition, and brain organization). Prerequisites: junior or senior standing and COM 102]. Cr 3.



English

ENG 100C College Writing

Classes meet regularly to analyze professional and student writing as a way of sharpening awareness of how to use language effectively. The writing assignments encourage students to apply the principles discussed in class to their own work. Students may not take both ENG 100C and 101C for credit. This course cannot be used to satisfy a humanities requirement. Prerequisite: writing proficiency. Cr 3.

ENG 120H Introduction to Literature

A general introduction to the various literary genres—poetry, the short story, drama—which will include a study of critical terminology, close textual reading, and practice in writing. Prerequisite: ENG 100C or 101C or waiver. Cr 3.

ENG 201F Creative Writing

An introduction to the principles and practice of writing fiction, poetry, and drama. Emphasis is on fresh observation and meaningful selection of concrete details and their uses in the different genres. Recommended for beginners. Prerequisites: ENG 100C or 101C and ENG 120H. Cr 3.

ENG 262H Poetry

An intensive course in the close reading of many of the most significant poems in English. Attention will be given to important elements of poetry, including versification and the use of metaphor; characteristics and conventions of poetry written in different periods, early and contemporary, will also be explored. Required of English majors and recommended for all students seeking to understand a principal area of our cultural heritage. Cr 3.

ENG 299 Introduction to Literary Studies

This course is highly recommended for all beginning English majors and will have a double focus. It is partially an introduction to the practical methods and procedures of research and interpretation and the techniques of effective critical writing. It is also partially a forum for discussing the differences and similarities between significant critical theoretical, and pedagogical approaches to literary and cultural studies. We will read and discuss a number of literary works from a variety of periods, but there will also be a strong emphasis on writing. Prerequisites: ENG 100C and ENG 120H. Cr 3.

ENG 299 Creative Nonfiction Workshop

See Special Programs section of this catalog.

ENG 299 Genre Fiction

See Special Programs section of this catalog.

ENG 300F Fiction Writing

See Special Programs section of this catalog.

ENG 301F Poetry Writing

A course for those who, in a creative writing course or on their own, have developed basic skills of careful, thoughtful observation and a preference for concrete details to convey emotional meaning, and who are interested in developing a sense of how poetry has been written in the past by major poets and how it is being created in the

present. Emphasis will be on imitation of past and present writers and exercises that stress the elements of poetry, as well as on the development of personal approaches. Suggested preparation: ENG 201F. Cr 3.

ENG 302F Fiction Workshop: Short Stories (Stonecoast Writers' Conference)
See Special Programs section of this catalog.

ENG 303F Poetry Workshop: Poems for the Reader
See Special Programs section of this catalog.

ENG 304 Novel Workshop: Writing the Novel
See Special Programs section of this catalog.

ENG 309 Newswriting

This course will cover basic newswriting concepts including recognizing news, collecting and organizing information, and writing news articles. It will show how newswriting relates to the writing process in general and provide students with several models for developing news and feature articles. Emphasis will be on achieving writing of publication quality. Prerequisite: ENG 100C. Cr 3.

ENG 316 The Bible

The Bible, arguably the single most influential work (or group of works) in Western culture, will be studied as a literary text, with emphasis on the books that have had the greatest literary influence (e.g. Genesis, Exodus, Psalms, Job, the Gospels). The course may also discuss the history of the text, problems of translation, and/or influence. Cr 3.

ENG 327 Modern Short Story: Themes and Methods

Detailed consideration of six to ten short story collections reflecting contemporary themes and narrative methods. A though selections will vary, the recent reading list has included Jorge Luis Borges, Franz Kafka, Anton Chekhov, James Joyce, Thomas Mann, Virginia Woolf, and Isaac Babel. A necessarily wide range of themes is confronted: the corruption of reality by dream; personal inadequacy, alienation, and paranoia; self-deceit; varieties of ignorance and cowardice; the moral insight afforded the artist; violence as a mode of self-discovery. Prerequisite: junior class standing or permission of the instructor. Cr 3.

ENG 371 Major Romantic Writers

A study of the major British poets of the Romantic period (1790-1832). Readings will be selected from among the works of Blake, C. Smith, Wordsworth, Coleridge, Clare, Keats, Byron, and Shelley. Cr 3.

ENG 378 The Novel of Self-Development

Originally developed in German literature, the novel of self-development or Bildungsroman depicts an adolescent male who eventually acquires a philosophy of life based on his conscious effort to gain personal culture. The course investigates the changes the idea of Bildung underwent at the hands of various authors in the 19th and early 20th centuries in their adaptation of the original form, including the revision of selfhood to address the Bildung as a female as well as a male province. Works to be considered include Goethe's *Wilhelm Meister's Apprenticeship*, Bronte's *Jane Eyre*, Dickens' *David Copperfield*, and Joyce's *Portrait of the Artist as a Young Man*. Cr 3.

ENG 395 Anglo-Irish Literature

A study of the major Irish writers from 1880 to the present. Topics may vary, but they will typically include some of the foremost Irish writers of the past century, such as Yeats, Lady Gregory, Wilde, Shaw, Synge, Joyce, O'Casey, Behan, Beckett, O'Connor, Bowen, Lavin, Heaney, Friel. Cr 3.

ENG 399 Women in American Film

This course will examine films of the post-World War II period (1945-1959). We will discuss issues such as the image of women, identification and gendered spectatorship, the effect of WW II on women's work, the acceptance of Freudian psychology by the film industry, and sexual and racial differences in film. Required reading will include a packet of articles about how to look at film as medium, film theory, history, and close readings of American film genres. Required view-

ing of 6-7 films by Max Ophuls, Alfred Hitchcock, Billy Wilder, Douglas Sirk, Fritz Langs and King Vidor.

Cr 3.

ENG 399 Subjective Journalism

A publication presents subjective information in a number of ways. It can express its own viewpoints through slanting news columns, as in a trade, political or professional journal, or it can use more traditional techniques such as editorials, analysis, and interpretives. Readers usually have opportunities to express their views through letters to the editor, commentaries (usually by experts) and essays. This course would consider how and why editors choose which offerings to print and how writers can best influence those choices. Because effective writing and critical thinking are the keys to admission to the pages of most publications, the course would involve practice exercises in each mode, as well as presentations on sourcing of material and researching fact. Outside lecturers will be used extensively. The objective would be to develop an understanding of the place of subjectivity in both print and broadcast media. The course would be aimed at those going into the media, public relations, sales and politics, as well as anyone concerned with community activism. Cr 3.

English as a Second Language

Note: Both of these courses have been designed so that students wishing to take both of these courses may do so. The content and materials used in ESL 398 and ESL 399 will differ so that repetition can be avoided. It is important to note that ESL 398 is not a prerequisite for ESL 399.

ESL 398 Intensive Higher Intermediate ESL

This English as a Second Language Course is a higher intermediate course designed for non-native speakers of English who need to develop more skills in academic writing, reading, vocabulary development and oral communication. Emphasis will be placed on a better understanding of the more advanced grammatical concepts which will be a benefit to more accurate and intelligible oral and written production of language in preparation for academic life. Interactive oral communication through project work will be a focus of this course. While this course is not focused on preparation for the TOEFL examination, help will be available for those who need to prepare for it. Cr 3.

ESL 399 Intensive Higher Intermediate ESL

This English as a Second Language Course, similar to ESL 398 but different in content, is designed for non-native speakers of English who need to develop skills in academic writing, reading, vocabulary development and oral communication. Emphasis will be placed on a better understanding of the more advanced grammati-

cal concepts which will be a benefit to more accurate and intelligible oral and written production of language in preparation for academic life. Interactive oral communication through project work will also be a focus of this course. While this course is not focused on preparation for the TOEFL examination, help will be available for those who need to prepare for it. Cr 3.

Foreign Languages

Note: any students taking FRE 107I, FRE 207I, GER 107I, SPA 107I or SPA 207I must register for both lecture and lab.

FRE 107I Intensive Beginning French

An intensive course for the beginning student, covering a full year's work at the college level to prepare the student for the intermediate level of college French. Emphasis is placed upon the four skills of language learning: speaking, understanding, reading, and writing along with an introduction to contemporary culture and civilization. Daily practice in the Language Lab is required. Cr 6. (With lab. Cr 8.)

FRE 207I Intensive Intermediate French

This is an intensive course for the intermediate student, covering a full year's work at the college level. Emphasis is placed upon the four skills of language learning: speaking, understanding, reading, and writing. Daily lab work is mandatory. Cr 6. (With lab, Cr 8.)

GER 107I Intensive Beginning German

An intensive course for the beginning student, covering a full year's work at the college level to prepare the student for the intermediate level of college German. Emphasis is placed upon the four skills of language learning: speaking, understanding, reading, and writing along with an introduction to contemporary culture and civilization. Daily practice in the lab is required. Cr 6. (With lab, Cr 8.)

SPA 107I Intensive Beginning Spanish

An intensive course for the beginning student, covering a full year's work at the college level to prepare the student for the intermediate level of college Spanish. Emphasis is placed upon the four skills of language learning: speaking, understanding, reading, and writing along with an introduction to contemporary culture and civilization. Daily practice in the lab is required. Cr 6. (With lab, Cr 8.)

SPA 207I Intensive Intermediate Spanish

This is an intensive course for the intermediate student, covering a full year's work at the college level to prepare the student for an advanced language level. Emphasis is placed upon the four skills of language learning: speaking, understanding, reading, and writing. Readings and





discussions of contemporary Hispanic civilization and culture are included. Daily lab work is mandatory. Cr 6. (With lab, Cr 8.)

SPA 303 Speaking through Reading

Varied literary and cultural readings providing a bridge from the intermediate level to literature and other advanced content courses in Spanish. Discussions, written exercises and examinations in Spanish. Prerequisite: Spanish 202 (or equivalent) or permission of the instructor. Cr 3.

Geography and Anthropology

GEO 220 International Geography

This course will blend the recent upsurge of global events and the student's desire to be knowledgeable of geographic locations and influences. Up-to-date insights and assessments of regions and countries will be examined by selective article readings, maps, video, lecture and class dialogue. Particular emphasis will be placed on the former USSR, the Middle East, South America, and the European community. Cr 3.

GEO 299 Paddle Australia Program

See Special Programs section of this catalog.

GEO 399 Field Mapping: Data Collection-GIS

See Special Programs section of this catalog.

GYA 300 Archaeology Field School

See Special Programs section of this catalog.

Geosciences

GEY 111K Physical Geology

A study of the ever-changing earth by wind, water, volcanism, plate tectonics, and glaciation. GEY 111K may be taken without GEY 112K. Cr 3.

GEY 112K Physical Geology Lab

Identification of common rocks and minerals, introduction to topographic maps, and development of the processes covered in lecture; field trips when weather permits. To be taken concurrently with GEY 111K. Cr 1.

GEY 210 Field Trips in the Geology of Coastal Maine

This course offers the opportunity to examine firsthand the exquisite and complex bedrock geology of southern coastal Maine through a series of summer field trips to key localities. Preliminary lectures will outline the expected rock types, structures and geologic history for each field trip. Cr 3.

GEY 399 Field Mapping: Data Collection—GIS

See Special Programs section of this catalog.

OCE 100K Introduction to Oceanography

Origin and extent of the oceans; nature of the sea bottom; causes and effects of currents and tides; chemical and physical properties of sea water; animal and plant life in the sea. Cr 3.

OCE 101K Oceanography Laboratory

A laboratory course in which the student is introduced to some of the techniques and technical processes involved in oceanic measurements and data reduction. Prerequisite: OCE 100K which may be taken concurrently. Cr 1.

History

HTY 101I Western Civilization I

A basic survey and introduction to the heritage of Western man from ancient to early modern times. Particular attention is given to the ancient civilizations of Egypt, Greece, and Rome. Medieval civilization is explored with a focus on the institutions it bequeathed to the modern world. The Renaissance and Reformation and the rise of the great nation-states are studied. Throughout the course, important individuals are considered such as Alexander the Great, Caesar, Charlemagne, Michelangelo, and Elizabeth I. The course also introduces students to historical method. Cr 3.

HTY 102I Western Civilization II

A basic survey and introduction to the heritage of Western society from early modern times to the atomic age. Particular attention is given to the Enlightenment, the French Revolution, the rise of the industrial era, the growth of nationalism, and the World Wars. Personalities such as those of Napoleon, Hitler, and Stalin are studied. The course also introduces students to historical method. Cr 3.

HTY 131I United States History to 1877

A basic survey and introduction to the field of American history, covering the political, social, and economic development of the United States through Reconstruction. Cr 3.

HTY 132I United States History Since 1877

The course is a continuation of HTY 131I. A survey of American political, social, and economic development since about 1877. Cr 3.

HTY 200 Reference, Research and Report Writing

An introduction to research and writing, designed to prepare undergraduates for the requirements of upper-level courses in history and the social sciences with emphasis on practical methods of utilizing a library, locating materials, taking and organizing notes, and writing and rewriting research papers and reports. History majors are strongly encouraged to take this course in the sophomore year, but no later than the first semester of the junior year. Preference to history majors. Cr 3.

HTY 300 History Internship

Professional experience in one of a variety of positions in public and private institutions that utilizes the knowledge and research skills of historians. Students work one day per week, keep a journal, write an evaluation, and are visited on the job by a faculty member. Open to selected students; see department chair for details. Graded pass/fail, so does not count for major credit. Can be taken twice. Cr 3.

HTY 360 History of Maine

A survey of Maine's social, economic, and political life from exploration and early settlement to the present. Cr 3.

HTY 361 History of the American Frontier

The Turner thesis, historiography, and adaptations to the challenges of the environment are considered. Various frontiers from the Atlantic seaboard to the last frontier on the Great Plains are studied. Prerequisites: HTY 131I and 132I or permission. Cr 3.

HTY 394 Christian Church in New Testament Times

This course will explore the origins and development of the Christian Church during the "New Testament Period" (i.e. approximately A.D. 25-125). Because the New Testament itself is our most important source of information about this period in Christian history, the course will give particular attention to historical and literary analysis of the New Testament documents. Virtually every issue which the course will consider has been the subject of prolonged and continuing debate. The goal of the course is to include the student in the debate, not to present the unquestionable "facts" about early-Christian history. The student will be expected to act as historian, to analyze data, to form educated personal opinions in classroom discussion and written expositions. This is a history course; not a religion. Religious beliefs and attitudes will be discussed, but not the theological validity of those beliefs. As much as possible, the course is theological neutral. Cr 3.

HTY 434/534 Maine History and Travel

This course provides an opportunity to pursue independent study in Maine history (especially southern Maine) since 1820. There will be discussion, oral reports and field trips to a variety of sites located in easy range in USM. There is no textbook purchase for this course but admissions to historic sites approximate \$30-\$35. Cr 3.

Linguistics

LIN 112E Analyzing Language

In this course, students will become aware of their tacit knowledge of the rules and principles that guide language usage. They will learn how to formulate these rules and how to test and evaluate claims about the form that the rules take. Students will thereby develop skills in analysis and argumentation that are applicable in many areas of study. The course will concentrate on the analysis of sentence structure, but will also deal with the sound system, word structure, meaning, and language acquisition. Cr 3.

LIN 201J Child Language

An introductory overview of the phenomena of communication and language development. The course deals with the process by which children become able to understand, to speak, and to use effectively their native language. It touches on the development of the sound system, word learning, the emergence of sentence structure, and the development of communicative competence. Cr 3.

Mathematics

Note: Credits earned for MAT 010 and MAT 011B will not count toward fulfilling a baccalaureate degree.

MAT 010 Elementary Algebra

The first course of a two-course sequence designed for students who are deficient in high school algebra. Topics covered include: basic operations with integers and rational numbers; equations with variables; algebra word problems; operations with polynomials and algebraic fractions (including factoring), and operations with exponential and radical expressions. Prerequisite: MAT 009 or its equivalent. Associate degree credit only. Cr 3.

MAT 011B Intermediate Algebra

A continuation of MAT 010. Topics include: graphing linear equations in two variables; quadratic equations; graphs of functions and relations; conic sections; solutions to systems of equations; solutions for inequalities; and exponential and logarithmic functions. Prerequisite: one year of high school algebra or MAT 010. Associate degree credit only. Cr 3.

MAT 100D College Algebra

The real number system, algebraic operations, sets, equations, inequalities and their graphs, functions and relations, quadratic functions, exponential and logarithmic functions, theory of equations, systems of equations, permutations, combinations, probability, sequences and series, matrices and determinants, and mathematical induction. Prerequisite: two years high school algebra. Cr 3.

MAT 105D Mathematics for Quantitative Decision Making

This course is designed to give students not majoring in mathematics or related fields an understanding of some key ideas in quantitative decision making. The material is chosen to develop awareness of the utility of mathematics in life and to instill an appreciation of the scope and nature of its decision making potential. The computer packaged programs may be used as tools to assist the students in performing calculations necessary for the decision-making process. Prerequisite: successful completion of the University's mathematics proficiency requirement. Cr 3.

MAT 110D Business Calculus

A unified treatment of the elementary functions of analysis; their analytical properties including derivatives, integrals, and series; introduction to multivariate calculus; applications. Prerequisites: successful completion of the University's mathematics proficiency requirement and a passing grade on an algebra competency test which will be administered at the first class meeting. Cr 3.

MAT 120D Introduction to Statistics

An introductory course including basic probability, random variables, and their distributions; estimation and hypothesis testing; regression and correlation. Prerequisite: successful completion of the University's mathematics proficiency. Cr 3.

MAT 140D Pre-Calculus Mathematics

A brief review of elementary algebra followed by a study of the algebraic, exponential, logarithmic, and trigonometric functions. Prerequisites: successful completion of the University's mathematics proficiency requirement, and a passing grade on an algebra competency test which will be administered at the first class meeting. Cr 3.

MAT 152D Calculus A

This is the first of a sequence of three basic calculus course covering functions of one or more variables, graphs, limits, derivatives, integrals, optimization, infi-

nite series, vectors, and various applications. Calculus A provides an introduction to the differential and integral calculus of functions of one variable. Prerequisites: two years of high school algebra plus geometry and trigonometry, or MAT 140D. Cr 4.

MAT 153 Calculus B

A continuation of Calculus A. Calculus B will usually include infinite series and an introduction to vectors. Prerequisite: MAT 152D. Cr 4.

MAT 211 Probability

Common probability laws and distributions of discrete and continuous random variables; matrix operations and applications in probability. Prerequisite: MAT 110D or MAT 152D. Cr 3.

MAT 212 Statistics

Sampling distributions; estimation; hypothesis testing; introduction to regression analysis and analysis of variance. Applications primarily in business and economics. Prerequisite: MAT 211. Cr 3.

MAT 252 Calculus C

Multivariate calculus and vector calculus. Prerequisite: MAT 153. Cr 4.

MAT 381 Introduction to Probability and Statistics

Basic concepts of probability theory with an introduction to its statistical applications. Particular topics will include discrete and continuous distributions, moment generating functions, characteristic functions, limit theorems, sampling distributions, basic elements of estimation and hypothesis testing, and simple linear regression. Prerequisite: MAT 153. Cr 4.

MAT 386 Sampling Techniques

Sample random sampling, stratified random sampling, sampling for proportions, estimation of sample size, systematic sampling, multistage sampling, regression and ratio estimates, non-sampling error. Prerequisite: MAT 380 or MAT 381. Cr 3.

MME 514 Laboratory: Project ASPIRE Calculus II

This is a supervised practicum designed to prepare academically qualified, experienced high school faculty to teach sections of introductory calculus offered by the Department of Mathematics and Statistics at USM. Prerequisite: MME 513, must be taken concurrently with MME 520. Cr 3.

MME 520 The Teaching of Calculus in Secondary Schools II

This is a review of basic calculus and will include functions of one or more variables, graphs, limits, derivatives, integrals, applications of derivatives and integrals, optimizations, infinite series, and analytic geometry in the plane. Prerequisites: an undergraduate degree in mathematics, teaching experience, and rec-

ommendation of the high school principal and the department chairperson. Students must apply directly to the instructor for acceptance to the course. Cr 3.

STA 674 Sampling Theory and Surveys

Simple random stratified, systematic, cluster and multistage sampling, PPS sampling, optimum sample size, use of auxiliary variables in sample surveys, ratio and regression estimates, double sampling, sources of error in surveys and ways of removing them, methods of collecting data. Prerequisite: MAT 380 or permission of instructor. Cr 3.

Music

MUE 521 Music for Exceptional Learners

This course will address learning characteristics of all categories of exceptionalities with specific reference to music at all levels in all areas. This course will meet the state requirement of a graduate course in exceptionalities needed for recertification of teachers. Cr 3.

MUS 100G Music Appreciation and History

A survey of music from the Gregorian chant to modern times, covering musical practices of the renaissance, baroque, classical, romantic, and contemporary periods. Representative works by the outstanding composers of each period. Cr 3.

MUS 103G Introduction to Jazz

A survey of jazz from its inception to the present day. Involves a study of the origins and stylistic development of jazz. Cr 3.

MUS 110F Fundamentals of Music

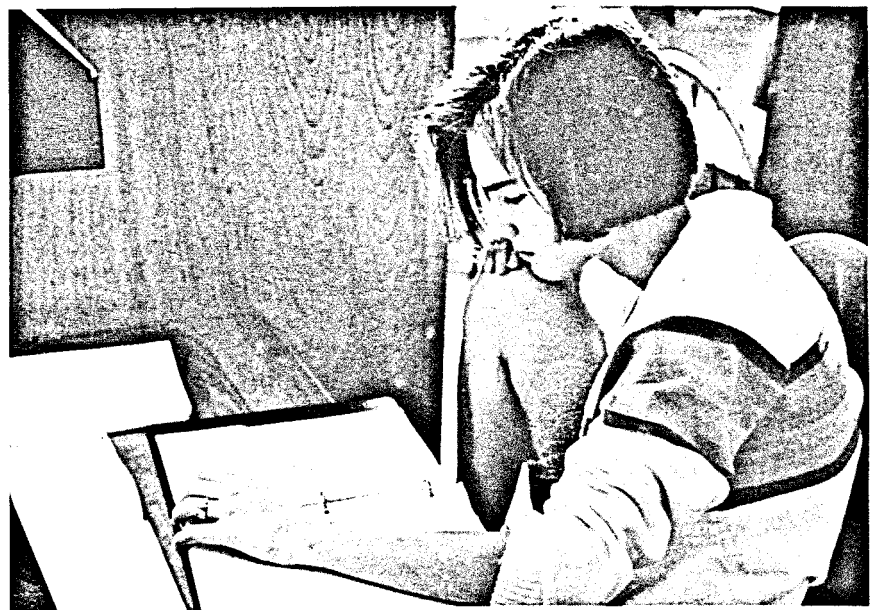
A background study of concepts and skills essential to an intelligent reading of music. The development of natural music abilities through participating in singing, rhythmic activities, and instrumental work. An appreciation of music through awareness of basic structures. Cr 3.

American and New England Studies

Note: All students who have not been accepted into the American and New England Studies Program must have written permission from the director before taking any American and New England Studies course.

NES 650 Experiencing Maine: A Study of Cultural and Artistic Sites

This course will study the architectural, artistic, and landscape heritage of Maine through a combination of site visits and classroom presentations and discussions. The content will include thematic topics and specific



places of which the following are representative: community life, town landscape, and campus planning (Sabbathday Lake, Yarmouth, Bowdoin College); vernacular building: capes, triple deckers, and connected farmhouses; industrialism, urbanism, and park planning (Lewiston and Portland); house museums as cultural artifacts (Hamilton House and Sarah Orne Jewett House, South Berwick); Andrew Wyeth and Regional Art (Farnsworth Museum and the Olson Homestead). The various sites will be approached from the interdisciplinary methodologies of the New England Studies program, but the course is also designed to be appropriate for other postgraduate students as well. Cr 3.

NES 690 Project

Completion of a two-semester project that may be an independent project or that may combine independent study and work in a historical society, a museum, a cultural organization, or other public or private institution. In consultation with an advisor, the student defines and develops the project in relation to his or her particular interest in New England Studies. Cr 6.

NES 695 Thesis

The product of original research, the thesis should embody an interdisciplinary combination of approaches and/or materials. Cr 6.

Philosophy

PHI 106E Introduction to Philosophy: Why Philosophize?

The course centers about the exploration of a single question: what it means to think philosophically. In the context of this question, we will examine what are the sources of philosophical thought and whether philosophy can justify its claim to be the foundation of all reflective endeavor. Cr 3.

PHI 109E Law, Politics and Society

This course examines the traditional political questions which face every society: who should rule? what approach should the rules be? and why should the rules be obeyed? The approach is largely historical. One classical work, Plato's Republic, is read nearly in its entirety. The relevance of enduring answers to these questions to contemporary social issues is also stressed. Prerequisite: ENG 100C or concurrent. Cr 3.

Physics

AST 100K Astronomy

A descriptive survey of modern astronomy. Topics include theories about the origin and development of the universe, stellar evolution, the solar system, galaxies, observational methods, and recent discoveries. No prerequisite. Cr 3.

AST 103K Activities and Experiments

May be taken concurrently with AST 100K to fulfill requirements for a science laboratory experience. Includes exercises on the Moon's orbits, Earth's orbital motion, rotation of Saturn's rings, the Sun, the Crab Nebula, variable stars, pulsars, Hubble's law, and galaxies. Planetarium sessions. Prerequisite: AST 100K. Cr 1.



PHY 111K Elements of Physics I

This course is an introduction to the fundamental concepts of mechanics, sound and heat. Lectures, problem solving, demonstrations, laboratory exercises will be used to develop an understanding of physical phenomena. This course is not recommended for students planning to major in the physical sciences or engineering. Prerequisite: high school algebra. Cr 4.

PHY 112 Elements of Physics II

A continuation of PHY 111K introducing the concepts of electricity, magnetism, optics, and modern physics. Prerequisite: PHY 111K or equivalent. Cr 4.

PHY 123 General Physics II

A continuation of PHY 121K, introducing the concepts of electricity, magnetism, and light, using calculus. This course is intended for students who plan further study in physical sciences, mathematics, or engineering. Prerequisites: PHY 121K or equivalent and one semester of calculus. Cr 4.

Political Science

POS 101J Introduction to American Government

This course focuses on the political institutions, processes, behavior, and problems of government in the United States. The national government is emphasized. Key topics include: the Constitution, Supreme Court, Congress, Presidency, political parties, public opinion, and interest groups. Cr 3.

POS 102J People and Politics

This course introduces the student to modern political analysis. It centers on basic questions in the study of political behavior: how people learn about politics, what kind of political system they adopt and support, who does and who does not participate in politics, how political conflict is expressed and resolved in various societies. The course aims at familiarizing the student with major approaches or methods that political scientists have found helpful for understanding real political behavior. Note: POS 101J is not a prerequisite for POS 102J. Cr 3.

POS 104J Introduction to International Relations

Examination of the relationships of nations in their efforts to deal with each other from differing political, economic, and cultural bases. Cr 3.

POS 256 Media and Politics

The media play an increasingly powerful role in modern political systems. This course examines that power and explains how it came about, while noting those forces that restrict or restrain the media's influence. The symbiotic relationship between politicians and journalists is given special attention. Prerequisites: POS 101J, POS 102J, and POS 103, or permission of the instructor. Cr 3.

POS 290 Political and Social Thought II

A study of selected political theories from Machiavelli to modern political philosophers. The basic approach is historical, but an attempt is made to relate theories of politics to the environments in which they developed. Prerequisites: POS 101J, POS 102J, and POS 103, or permission of the instructor. Cr 3.

Psychology

PSY 101J General Psychology I

This course is an introduction to the study of behavior as a natural science. Among the topics covered are: method of inquiry, physiological foundations of behavior, sensation and perception, motivation and emotion, learning and thinking. This course is a prerequisite for all courses in the department. Cr 3.

PSY 311 Industrial Psychology

Critical treatment of research methods in personnel selection and evaluation and current theories of individual behavior in complex organizations such as government and business. Prerequisites: PSY 101J and 102. Cr 3.

PSY 333 Psychopathology

The etiology, development, and manifestation of the major forms of mental illness—with particular empha-

sis upon the neuroses and psychoses—are discussed. Psychological, social, and biological factors which contribute to maladjustment are examined. Prerequisites: PSY 101J and 102. Cr 3.

PSY 335 Deviations of Childhood

Intensive readings and discussions of the etiology and manifestation of deviant patterns of behavior and functioning in children. Problems relating to the identification and management of such deviations are considered. Prerequisites: PSY 101J and 102 or permission of the instructor. Cr 3.

PSY 361 Sensation and Perception

This course examines perceptual processes in selected sensory systems. Emphasis is on experimental methodology, research findings, and theoretical interpretations. Prerequisites: PSY 201D and 205. Cr 3.

PSY 365 Physiological Psychology

Basic neuroanatomy, neurophysiology, and endocrinology, and the relationships between nervous system functioning and behavior. Physiological analysis of sensory action, motivation, and learning. Prerequisites: BIO 105K and 211; PSY 101J, 102. Cr 3.

PSY 400 01 Sports Psychology Institute

See Special Programs section of this catalog.

PSY 400 02 Childhood Psychopathology Institute

See Special Programs section of this catalog.

PSY 400 03 Health Psychology Institute

See Special Programs section of this catalog.

Social Work

SWO 333 Social Work Research I

A study of the methods of social work research for social policy and social work practice. The course emphasizes both quantitative and qualitative research processes with the goal of enabling the student to be competent as a "practitioner-researcher." Prerequisites: SWO 101J; any introductory statistics course (MAT 120 or PSY 210D or SOC 307D). Cr 3.

SWO 388 Substance Use and Abuse: Alcohol and Other Drugs

Examines the use and abuse of psychoactive substances: street drugs, prescription drugs, alcohol, caffeine and nicotine. Consideration of the history, pharmacology, and physical and psychological effects of each substance. Exploration of prevention and treatment models, with special reference to those in use locally. Prerequisite: junior standing or permission of instructor. Cr 3.

Sociology/Criminology

CRM/SOC 215J Criminology

This course focuses on the difficult question "What is crime?" and on problems concerning the measurement and distribution of crime. The criminology course examines some of the popular misconceptions and myths about crime, the creation and utility of official and unofficial crime statistics, popular presumptions about the causes of crime, and the institutional responses to crime in our society. This course is one of the two basic courses in the Criminology Program, along with Law and Society (SOC 336). Prerequisite: SOC 100J or permission of instructor. Cr 3.

CRM/SOC 216 White-Collar Crime

This course provides an analysis of the different sociological perspectives on white-collar crime as well as a focus on some specific types of white-collar crime: organized crime, occupational crime, corporate crime, political crime, and state terrorism. The course also discusses what can be done to curb these types of white-collar crime. Prerequisite: CRM/SOC 215J. Cr 3.

CRM/SOC 317 Gender and Crime

This course provides a feminist analysis of gender as related to the criminality of both males and females. The course focuses on gender and inequality, the gender bias of criminological theory, and the role gender plays in various forms of criminality, from interpersonal violence to syndicated and corporate crime. Prerequisite: one 200-level SOC course or permission of instructor. Cr 3.

CRM/SOC 389 Criminology in Britain
See Special Programs section of this catalog.

SOC 100J Introduction to Sociology

This course discusses the fundamental concepts, principles, and methods of sociology; analyzes the influence of social and cultural factors upon human behavior; evaluates effects of group processes, social classes, stratification, and basic institutions on contemporary society. Cr 3.

SOC 311 Social Change in Eastern Europe

This course takes a social and cultural approach to studying social change in Eastern Europe. The unique history of the area, its art, religion, and social relationships will be analyzed as background for understanding the concept of social change within a very specific socio-historical context. Prerequisite: one 200-level SOC course. Cr 3.

SOC 314 Film and Society

This course is designed to teach sociology through the phenomenal field of film practices. Concepts of order, culture, perception, etc., will be analyzed as they are operationally embedded in film and film-making practices. Prerequisite: One 200-level SOC course or permission of instructor. Cr 3.

SOC 316 Sociology of Gender

This course investigates gender as a social process which is continually created and reinforced in social life. It explores the often subtle relationship between gender and life chances, and an analysis of gender in economic and cultural history. Sexuality, work, and the feminization of poverty, gender socialization, and feminist utopias will also be topics of investigation. Prerequisite: one 200-level SOC course or permission of instructor. Cr 3.

SOC 371 Minority Groups

Considers the factors that produce and maintain structured social inequality based on minority status, and the social consequences of such inequality. Includes analysis of selected minorities both in the U.S. and cross-culturally. Prerequisite: one 200-level SOC course or permission of instructor. Cr 3.

Theatre

THE 101G Introduction to Drama

This is a lecture-discussion course designed to provide students with a conception of the development of the theatre and its literature. The course consists of a survey of Greek, medieval, Elizabethan, French neo-classic, and 18th, 19th and 20th century theatre and drama. Cr 3.

THE 102F Acting: Performance

This course will introduce core students to theatre through the eyes of the performer. The student will gain a basic understanding of theatre as a performing art through lecture, discussion and performance of scenes. Improvisational exercises, relaxation techniques and character analysis strategies will be included. Students will also attend campus and area theatrical productions and be required to write critical reviews of the performances. Cr 3.

THE 170 Public Speaking

This is an introductory course in the fundamentals of public discourse. Primarily a lecture-performance course, students will learn the basics of informative, persuasive, and argumentative speaking, as well as the processes of problem solving and informative discussion. Cr 3.

THE 370 Advanced Oral Interpretation

This course is offered as part of the Readers Theatre Institute. See Special Programs section for more information.

THE 371 Readers Theatre

This course is offered as part of the Readers Theatre Institute. See Special Programs section for more information. Cr 3.

THE 399 Theatre Institute: Michael Chekhov's Acting Technique

See Special Programs section of this catalog.



Core Curriculum

COR 119F The Illuminated Autobiography

An introduction to two creative processes—the visual and the literary. The course will explore the means (shared, specialized, and complementary) by which they communicate thematic content, and the transformation through which subjective discovery becomes accessible form. Students will develop a control of structural elements within and between the two disciplines sufficient to write, illustrate, design, and publish a limited autobiographical narrative. Cr 3.

COR 122I Introduction to Islamic Civilization

This is a survey course that focuses on Islam as a universal religion embracing diverse cultural areas representing some 45 nations. The course will deal with Islam from religious-doctrinal, cultural-artistic, and socio-political perspectives. It begins with a historical survey of the rise and spread of Islam as a religion, examines its basic doctrine, beliefs, and institutions, highlights the cultural manifestations of Islam in art and literature, and deals with its impact on socio-political thought and action. The course ends with an analysis of the phenomenon of Islamic revivalism and fundamentalism in the context of global recovery of Islamic identity, and ongoing crises and conflicts in the Middle East and the Gulf Area. Cr 3.

COR 124J Poverty in the United States of America

This course will examine social, economic, and historical dimensions of poverty. It will introduce students to concepts and ideas from various disciplines to promote their understanding about this controversial and widely misunderstood topic. We take it as axiomatic that poverty must be understood in the broader contexts of inequalities of class, status, power, ethnicity, gender, and race which typify advanced capitalist societies. Far from being restricted to a small minority, poverty affects a large segment of the population. Cr 3.

COR 126J Global Enlightenment

This course is designed to familiarize students with the major problems confronting civilization as we approach the 21st century. Emphasis will be placed upon a variety of critical global issues dealing with such themes as energy/power generation, housing, pollution, waste disposal, effective resource utilization, transportation, communications, food production, water, ecological/environmental problems, world population, cultural co-existence, education, and technological literacy. Solutions to such problems will be analyzed and discussed

and the importance of interdependence among nations will be stressed throughout the course. Cr 3.

COR 127J The Documentary: Its Social, Political, and Emotional Impact

Documentary films have had and continue to have a strong effect on individuals and society. A major goal of this survey is an understanding of the documentary process and an appreciation of the media (news, shorts, features) in which this form is used. Before the end of the semester, students will achieve the ability to analyze the form, structure, style, content and impact of documentaries. Cr 3.

School of Business, Economics, and Management

Accounting

ACC 201 Principles of Financial Accounting

This is an introduction to accounting principles and concepts. Emphasis is placed on understanding financial statements and the accounting for assets, liabilities, equities, revenue, and expenses. Prerequisite: sophomore standing. Cr 3.

ACC 202 Principles of Management Accounting

This course focuses on uses of accounting information to assist in managerial decision making. Emphasis is placed on fundamentals of cost accounting, inventory controls, cost-volume-profit analysis, capital and other budgeting, statement of cash flows, income tax considerations, and quantitative techniques. Prerequisites: computer proficiency or ABU 190 and ACC 201 and sophomore standing. Cr 3.

ACC 301 Intermediate Accounting I

A study of accounting theory and practice applicable to the recording and reporting of assets. Includes study of the underlying conceptual framework. Prerequisite: ACC 202. Cr 3.

ACC 313 Federal Taxes

An overview of federal tax laws, with a concentration on income taxes at the individual entity level. Emphasis will be on a conceptual approach with limited procedural applications. Prerequisites: ACC 201 and junior standing. Cr 3.

ACC395 Internship I

This is the first internship course (junior or senior standing; special students with (permission). See description of internship program in catalog text. Cr 1-3.

ACC396 Internship II

This is the second internship course. Prerequisite: ACC 395. Cr 1-3.

ACC410 Auditing

A study of auditing philosophy and theory relative to the examination of financial statements and other data. Coverage includes internal control, auditing standards and procedures, and the legal and ethical responsibilities of the independent auditor. Prerequisites: ACC 302 and senior standing. Cr 3.

ACC490 Independent Readings and Research in Accounting

Selected topics in the various areas of accounting, auditing, and income taxes may be studied and researched on an independent basis. Prerequisites: Permission of instructor and Department chair and senior standing. Cr 1-3.

ACC499 Accounting Information Systems

Technical foundations and methodology used in systems analysis and design, with emphasis on applications to the accounting cycle in organizations. Prerequisites: Computer proficiency or ABU 190 and ACC 301. Cr 3.

Associate Business

ABU 101 Principles of Economics I

A theoretical analysis of the basic characteristics, institution, and operational activities of a modern capitalistic economy which is involved in the transformation of scarce economic resources into the goods and services demanded by consumers. Topics discussed include inflation, unemployment, government monetary and fiscal policy to achieve full employment and economic growth. (Cannot be applied toward Core curriculum requirement in Social Science) Cr 3.

ABU 112 Principles of Financial Accounting II

A study of the procedures of accounting, in accordance with Generally Accepted Accounting Principles (GAAP), for property plant and equipment, long-term investments, and bonds. In addition, the following entities of proprietorships, partnerships and corporations are covered from a practical approach. Analysis of financial statements concludes this course. Prerequisite: ABU III. Cr 3.

ABU 119 Written Business Communication (formerly ENG 019)

This course introduces students to business communication strategies and provides practice in the application of those strategies using the case method. Students will discuss and write business letters, short and long reports and employment writing. Cr 3.

ABU 220 Introduction to Business Finance

A study of the promotion, organization, and financing of the single proprietorship, partnership, and corporation. Such topics as fund flows, ratio analysis, breakeven analysis and leverage, time value of money concepts, cost of capital and capital budgeting are examined. Prerequisites: ABU 101, ABU 102, ABU 111, ABU 112, and MAT 011. Cr 3.

ABU 227 Introduction to Stocks and Bonds

This course provides the planning and management of investment programs for all types of investments in terms of their risks and profits. The functions of the stock market and its behavior are examined. Prerequisites: ABU 101, ABU 102, ABU 111, ABU 112, MAT 011B. Cr 3.

ABU 240 Management

A comprehensive study of the fundamentals of management with emphasis on the planning, organizing, leading, and controlling functions. Topics include managerial ethics and social responsibility; problem solving and decision making; organizational strategy; systems and contingency theories; organizational behavior; motivation; information systems; and international management. Prerequisites: ABU 101 and ABU 102. Cr 3.



ABU 271 Independent Study

Selected business topics relating to the student's degree program may be studied and researched on an independent basis. Prerequisites: GPA 2.5, sophomore standing and permission of the instructor and chair of the department. Cr Vari.

Undergraduate Business

BUS 280 Legal Environment of Business

This course introduces students to the legal system, consumer law, agency law, administrative law, antitrust law, labor law, equal employment law, environmental law, and other topics. It stresses the social responsibility of business and the legal and ethical framework in which businesses must function. Cr 3.

BUS 335 International Business

Introductory course on the international aspects of economics, finance, marketing, and management. Among the topics included are: fixed and floating exchange rates, gold standard, Eurocurrency market, international taxation, transfer pricing, foreign exchange hedging and forecasting, balance of payments, global marketing, theory of multinational corporation, joint ventures/licensing/wholly owned subsidiary, compensating managers abroad, international leasing. Prerequisites: ACC 202, ECO 201J, 202J, and junior standing. Cr 3.

BUS 340 Management

This is a comprehensive introductory survey of the problems encountered by managers and the practices they employ in planning, organizing, leading and controlling organizations. The role of the general manager in business is explored, as is the behavior of other individuals and groups within business organizations. Among the various topics covered are: development of management as a discipline, motivation, power, leadership, strategic management, decision making, organizational design, job design, information and control systems, and other areas related to the functions and process of management. Prerequisite: junior standing. Cr 3.

BUS 346 Personnel and Human Resource Management

An analysis of the issues involved in the professional practice of personnel and human resource management. Topics include human resource planning (strategy, job analysis and forecasting), staffing (recruitment and selection), performance appraisal, compensation and reward system design, training and development, employee rights and safety, labor management relations, legal aspects of human resource management practice, and the international dimension of human resource management. Prerequisite: BUS 340. Cr 3.

BUS 380 Business Law I

This course, an introduction to the study of business law, includes a thorough survey of contracts, agency, negotiable instruments, partnerships, corporations, secured transactions, bankruptcy, and other topics. This course is intended to provide a broad overview of business law and the Uniform Commercial Code. Prerequisite: BUS 280, junior standing, or permission of instructor. Cr 3.

BUS 385 Entrepreneurship and Small Business Formation

This course is about starting a business and about the benefits and costs, both personal and professional, of an entrepreneurial career. Students learn how to establish start-up teams, identify opportunities, and obtain resources. The course involves written self-appraisals, case analysis, team work, and presentations of comprehensive business plans. Prerequisites: ACC 201, ACC 202, and junior standing. Cr 3.

BUS 395 Internship I

This is the first internship course (junior or senior standing; special students with permission). See description of internship program in catalog text. Cr 3.

BUS 396 Internship II

This is the second internship course. Prerequisite: BUS 395. Cr 3.

BUS 450 Business Management and Policy

This course discusses administrative practice at the higher levels of business management through case analysis and discussion. The course attempts to coordinate the background of business majors in the formulation and administration of sound business policy. Prerequisites: BUS 320, BUS 340, BUS 360, BUS 371 and senior standing. Cr 3.

BUS 452 Organizational Behavior

An analysis of the interplay between individual and group behavior, leadership styles and the culture of an organization. The findings of behavior science are applied to such processes as motivation, influence, the structure of work, organizational design, leader-group relations and organizational change. Models, case studies, simulations, and applications. Prerequisites: BUS 340 and junior standing. Cr 3.

BUS 490 Independent Readings and Research

Selected topics in the various areas of finance, management, and marketing may be studied and researched on an independent basis. Prerequisite: junior standing. Cr 1-6.

Economics

ECO 201J Principles of Economics I

This is a theoretical analysis of the basic characteristics,

institutions, and activities of a modern capitalistic economy. Topics discussed include inflation, unemployment, government monetary and fiscal policy, full employment, and economic growth. Cr 3.

ECO 202J Principles of Microeconomics

This is an introduction to the analysis of individual markets: the functioning of prices in a market economy, economic decision making by producers and consumers, and market structure. Topics discussed include consumer preferences and consumer behavior, production theory and production costs, the monopoly firm, and resource pricing. Additional topics are determined by individual instructors. Cr 3.

ECO 370 International Economics

Analysis of international markets and exchange theory, functioning of prices in the international economy, international finance, tariffs, quotas, and other instruments of international economic policy. Prerequisites: ECO 201J, ECO 202J, and junior standing. Cr 3.

ECO 450 Readings in Economics

A series of readings and discussions of important books of a socio-economic and politico-economic nature with which the well-informed economics major should be familiar but which, due to time constraints, have not been integrated into the study hours of economics. Cr 3.

ECO 490 Independent Readings and Research in Economics

Independent study and research of various student-selected areas of economics. Prerequisites: senior standing and a completed independent study form (available from SBEM Dean's office). Cr 1-3.

Graduate Business

MBA 610 Managerial Economics

A study of business decision making in the economic environment. Pricing and large-scale, long-term output decisions are approached via the specific demand and cost functions of a firm in the context of its competitive environment. Topics include mathematical optimization, applied multiple regression, time series analysis, economic theory of consumers and the firm, decision analysis, and game theory. Prerequisites: MBA 601 A & B, MBA 603, MBA 604, and computer application skills. Cr 3.

MBA 645 International Business

A study of the business firm in the international environment using the model of the multinational firm. It focuses on the application of international trade and investment theory to the management operations of the multinational firm through the use of computer simulation gaming, case studies, and experiential exercises. Prerequisites: MBA 601 A & B, MBA 602 A & B. Cr 3.

MBA 648 Advanced Organizational Analysis

Focuses on understanding organizations through different images. Each image draws attention to different aspects of organizing, and leads to different understandings of, and ways of managing, the organizing process. Shows how organization members can use these images as tools for informing and guiding action. Cr 3.

MBA 660 Marketing Management

This course focuses on the major decisions that marketing executives faces in their efforts to harmonize the objectives and resources of the organization with the needs and opportunities in the marketplace. Emphasis will be placed on the planning, analysis, implementation, and control of marketing programs designed to

reflect changing environmental and competitive conditions. A marketing simulation game will provide the focal point of activity in the course and selected case studies and current readings will be discussed. Prerequisites: MBA 601 A & B, MBA 602 A & B, and computer application skills. Cr 3.

MBA 691 Independent Study

Selected topics in the areas of Business and/or Administration may be studied and researched on an independent basis. Prerequisites: permission of the instructor and the director of Graduate Programs. Cr 3.

MBA 699 Women and Men in Management

In this course female and male students together explore the implications of changing workplace demographics for themselves personally, for managers in general, and for organizational structures and policies. Issues such as dual career couples, alternative management styles and definitions of success, and sexual harassment are explored in a highly participative and supportive fashion. Cr 3.

College of Education

Professional Education— Undergraduate

EDU 200 Education in the United States

This course provides an introduction to the study of American education. Problems and issues in contemporary education are examined from several perspectives, including the social, historical, and philosophical. Cr 3.

EDU 210 Theoretical Foundations of Learning

An examination of theories of learning and their application to motivation, concept development, classroom management, methodology, and evaluation. Cr 3.

EDU 300 Educational Media and Technology

An examination of educational media and technology with special emphasis on school-based developments and applications. Cr 3.

EDU 303 Developmental Reading I

A basic course encompassing the development of literacy. Content includes three major stages of reading progress, informal diagnostic techniques, and general awareness of instructional approaches and options. Case studies are used to illustrate characteristics of readers at each stage of literacy acquisition. Cr 3.

EDU 308 Science for Children

An alternative to EDU 307. This course is conducted in a University science resource center and provides opportunities for students to apply learning theory by exploring current science curricula. Emphasis is on content analysis and comparison and on implementation in public classrooms. A field experience is included whenever possible. Recommended prerequisite: EDU 210. Cr 3.

EDU 312 Teaching Language Arts in Elementary School

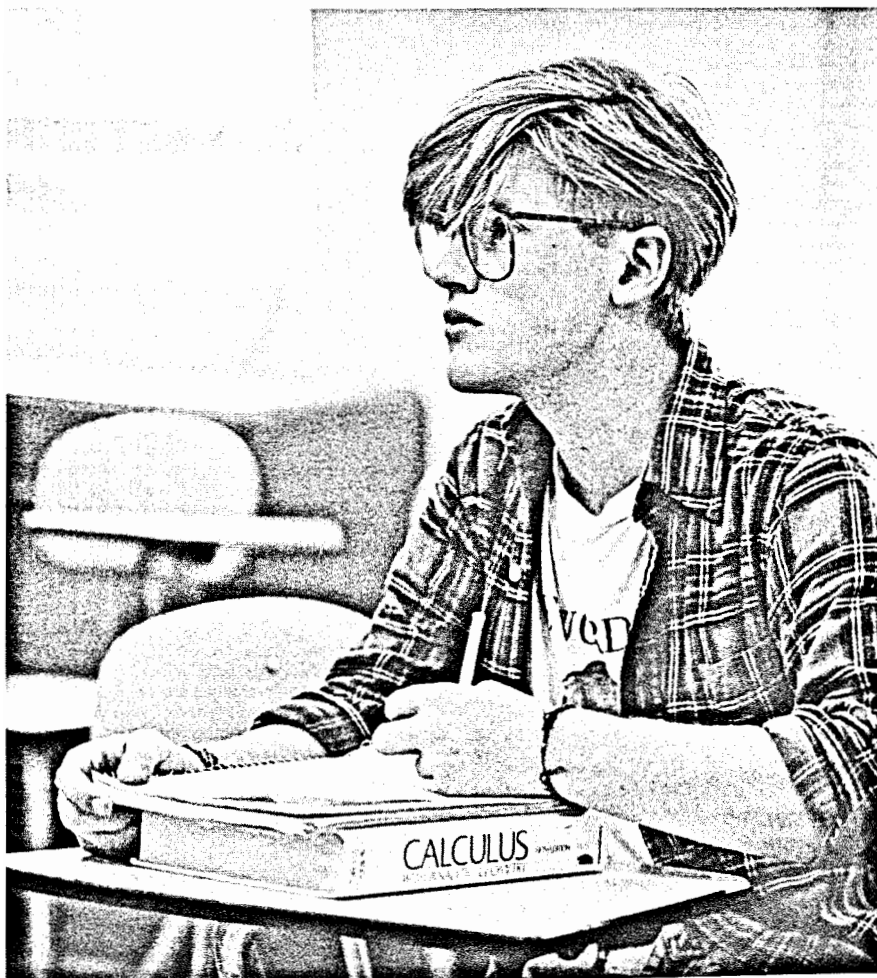
This course reviews recent trends, methods, and materials in the teaching of the basic communication skills with an emphasis on the writing process. Major topics include listening, speaking, writing, creative expression, spelling and handwriting. Use of tapes, records, filmstrips, transparencies, kits, books, and recent materials for teaching in the elementary schools. Cr 3.

EDU 321 Developmental Reading II

This course builds upon the concepts introduced in Developmental Reading I. Students are guided in designing specific instructional activities that correspond to the major stages of reading progress. Empirical demonstrations, methods, and materials for teaching reading are stressed. Prerequisite: EDU 303 or its equivalent. Cr 3.

EDU 323 Independent Study in Education

To provide juniors and seniors who have demonstrated critical and analytical capability an opportunity to pursue a project independently, charting a course and exploring an area of interest within their major field, bearing upon it previous course experiences and emerg-



ing with an intellectually sound, coherent synthesis, or an artistic or technical creation reflecting a high caliber of performance. May not be used as a substitute for currently described courses. Cr. Var.

EDU 335 Exceptional Students in the Classroom

This course shall serve as an introduction to the unique characteristics and needs of exceptional students in grades K-8. Legislation and its implications, roles and responsibilities of the regular classroom teacher, resources and characteristics of exceptional students shall be discussed. Cr. 3.

EDU 336 Children's Literature

A survey of children's literature with special emphasis on the selection of appropriate books for children from preschool through the elementary school years. Cr. 3.

EDU 358 Teaching Social Studies

The content of this course will focus on teaching strategies appropriate for social studies. Emphasis is on content analysis and curriculum development. Cr. 3.

PHE 304 Health and Physical Education for Elementary Teachers

A basic course for prospective teachers to develop knowledge and skills to acquaint them with essentials for sound program planning in the various areas of health and physical education. Topics include teaching methods and materials, curriculum, class organization, and lesson planning and evaluation in health and physical education. Observation and practical experience with children will be included. Cr. 3.

**Professional Education—
Graduate**

EDU 510 Development of the Composition Process

This course in language arts emphasizes the development of writing proficiencies. Writing growth and its relationship to reading and oral language development is examined. A thorough study of current research and theory relating to the composition process leads to the development of instructional programs that will foster students' growth as writers. Appropriate for elementary teachers; most secondary teachers can be accommodated. Cr. 3.

EDU 524 Supervised Practicum in Reading Disabilities

This clinical experience is given in conjunction with the Reading Clinic or the University Reading Academy. Working under supervision, students use selected assessment instruments with adults/children who have learning and reading difficulties. Testing sessions will be unique and geared to specific diagnostic needs perceived by instructors. Cr. 1-6.

EDU 529 Reading/Writing Workshop

Clinical experiences require the utilization of diagnostic and prescriptive methods for planning and implementing reading programs for students at different stages of reading progress. Tutoring experiences are augmented and related to the professional literature and research through frequent opportunities to explain and defend observations in seminars. Extensive reading from basic texts, current references, and periodicals are stressed. Emphasis is on the appropriate application of research-validated teaching and diagnostic techniques in supervised settings. Prerequisites: completion of core courses and instructor permission. Cr. 6.

EDU 560 ESL Classroom Teaching Practices

This course will explore current methods and practices in English as a Second Language (ESL) at various age and proficiency levels with an examination of the underlying assumptions about language and language learning; the role of the teacher; the role of learners; the nature of learning experiences; and the role of instructional materials. Emphasis will be on evolving a thoughtful approach to meaningful ESL classroom instruction. Cr. 3.

EDU 561 Aspects of the English Language

This is a survey course examining the elements of English and their relevance in second language acquisition. The course will analyze the phonetic, morphologi-



cal, syntactic, and semantic structure of English; the social aspects such as variation, change, and register; and the communicative aspects such as pragmatics, psycholinguistics, and acquisition. Application of these language aspects will be accomplished through problem solving and discussion activities integrating the aspects of English within the second language classroom context. Cr. 3.

EDU 600 Research Methods and Techniques

This course studies the concepts, principles, and techniques of educational research with emphasis on scientific inquiry and problem solving, designed for both the producer and consumer of educational research. Individual research proposals and reports are completed. Prerequisite: open to matriculated students only. Cr. 3.

EDU 603 Analysis of Teaching

This course provides opportunity to view teaching from the perspective of selected conceptual frameworks and research findings in the theory and practice of teaching. Analysis of individual teaching behavior is an important aspect of this course. Cr. 3.

EDU 610 Critical Issues in Teaching and Learning

This course provides grounding and direction for a spiral of learning to continue throughout the program. It draws on direct and observed experience of participants, as well as on the literature of theory, research, and practice, to explore critical issues in teaching and learning. It aims to provide students with a process of inquiry useful for identifying, classifying, and analyzing instructional problems and the skill in making decisions about curriculum and pedagogy. Prerequisite: matriculation or permission of instructor. Cr. 3.

EDU 617 Teaching in the Middle Level School

The purpose of this course is to provide an understanding of the role the teacher plays in the intellectual, social, emotional and personal development of young adolescents. The course will investigate, tryout and evaluate responsive teaching strategies and explore the design and structure of an advisor/advisee programs/curriculum. Cr. 3.

EDU 620 Foundations of Literacy Instruction

In this course the development of literacy is traced, and conditions which foster its growth are examined. Topics are related to major stages of literacy development and include: preschool influences on literacy, initial reading, the development of fluency, vocabulary development, comprehension, study skills, and refinement of reading. Informal diagnostic techniques are demonstrated and practiced. The invariant nature of literacy acquisition among students of all ages is stressed. Cr. 3.

EDU 622 Language and Literacy for Young Children

The focus of the course is the development of language (both oral and written) in children three through eight years of age. Content includes the characteristics of language learners, the conditions that promote emergent literacy, and organization and management of literacy instruction in the primary grades. Cr. 3.

EDU 630 Organizing for Literacy Instruction

The course identifies and explores the components of effective literacy programs at the upper elementary and middle school levels. Emphasis is on the design and implementation of literature-based instruction and management of self-selected reading. Prerequisite: EDU 620. Cr. 3.

EDU 633 Special Applications in Literacy

Independent study opportunities to apply course experiences in field-based situations are encouraged. Considerable latitude is possible in pursuing options of professional interest with approval of advisor. Examples of activities include: writing project (meeting standards of professional journals), intensive clinical experiences, educational consultation and research. Independent options must be approved in writing by the Program Coordinator. Cr. 1-6.

EDU 672 Political Basis of Decision Making

Educational leaders must be influential beyond the school system as well as within it. Distribution of power and influence across interrelated social systems is seldom equal, leading to competition for bases of influence. This course examines the ramifications of this social circumstance for education with emphasis on administrative decision making. Cr. 3.

EDU 699 Independent Study

This course provides an opportunity for students to pursue a topic of interest on an independent basis. The specific content and evaluation procedures are arranged with an instructor. Permission of supervising instructor and the department chair is required on forms obtained in the Graduate Education Office. Cr. var.

EXE 611 Nature and Needs of Learners Who Are Exceptional

This course focuses on the unique characteristics and educational and social/emotional needs of children and youth who display a range of learning and behavioral difficulties including learning disabilities, mild forms of developmental delay, and mild to moderate forms of behavioral and adjustment problems. Cr. 3.

EXE 615 Classroom and Behavior Management for Learners Who Are Exceptional

This course examines a variety of strategies for promoting positive behavior. Topics include preventing misbehavior through classroom organization strategies, responding to misbehavior in constructive ways, and designing strategies to help children develop appropriate social skills. Students are expected to conduct several classroom application projects. Cr 3.

EXE 643 Including Students Who are Deaf or Hard of Hearing in Public Schools

This course is for educators who work with students who are deaf or hard of hearing in public schools. The course explains the impact of a hearing loss on a school-age child. Different approaches to the education of deaf and hard of hearing children will be explored and individuals will reflect upon their roles and responsibilities as educators working with students, their families, and the deaf community. Cr 3.

EXE 684 Administration in Special Education

This is a field-based course designed to offer experience in administering special education programs. The course emphasizes the organization and administration of special education programs. Prerequisite: EXE 611 or permission of instructor. Cr 3.

EXE 687 Technology in Special Education and Rehabilitation

This course introduces students to the use of technology in the education and rehabilitation of individuals with special needs. A range of technological systems will be examined from "low tech" devices such as simple switches to computers, adaptive devices, and software appropriate for handicapped individuals. A variety of equipment, materials, hardware, and software will be available for demonstration and student use. Methods and techniques for evaluation and determination of appropriate and inappropriate use of technology will be stressed. Cr 3.

EXE 688 Internship in Exceptionality

This course is designed to provide experiences in practical and applied aspects of special education administration. Students will be expected to focus on one or two major projects developed in conjunction with the course instructor. Prerequisite: completion of four courses in special education administration. Cr var.

EXE 694 Vocational Education for Special Needs Students

This course will provide an in-depth study of appropriate vocations for disabled secondary school students. The skills to be taught are job analysis, job development, and job search and placement. Students will examine regional job opportunities and identify potential training sites, work sites, and employer needs. Cr 3.

Human Resource

HRD 333J Human Growth and Development

This course introduces developmental theory and research which encompasses the entire life span. Emphasis will be on prenatal development through adolescence, with an overview of adult development. A multi-disciplinary view of human development will be taken which considers stability as well as change throughout the life cycle. The interaction of hereditary and environmental factors will be considered in studying physical, cognitive, and psychosocial development. Prerequisite: sophomore level standing. Cr 3.

HRD 554 Institute in Educational Gerontology: Aging and Life Review

This intensive summer institute examines the process of life review and its role in human aging including memory, imagination, and identity in later age. Participants will develop practical methods of facilitating life review for themselves and older clients. Cr 3.

HRD 600 Adult Education and Human Resource Development

This is the mandatory first course in the master's program. The course introduces the student to a full education, continuing education, and human resource development, including its history, philosophy, and trends in the United States and worldwide. The course

also introduces the student to the graduate program and to the network of current students and program graduates. Particular attention is given to career and educational planning, including the assessment of prior experience, the beginning of a professional portfolio, the development of a career plan to be sought through the program, and the development of an educational plan for the completion of the program. Cr 3.

HRD 603 Consultation

This course is designed to introduce students to the practice of consultation within the counseling profession. A variety of theoretical approaches to the role of the consultant will be offered, including focus on behavioral observation, organizational development, relating to staff people as a consultant and communicating the results of a consultation. Prerequisites: HRD 686, HRD 690, or permission of the professor. Cr 3.

HRD 608 Career Development

This course will examine the ways in which counselors assist people of all ages in their life/career development. Emphasis will be on understanding theories, information systems, materials, activities and techniques for fostering career awareness, exploration, decision-making and preparation. The interrelationships among work, family, and other life roles, including multicultural and gender issues, will also be addressed. Prerequisites: None. Cr 3.

HRD 614 Principles of Psychosocial Rehabilitation

This course is designed to provide a foundation of knowledge and skills useful in habilitation and rehabilitation work with persons who have psychiatric disabilities. A major emphasis of this course will address skill development and attitudinal changes needed by the helper/counselor/caseworker in implementing a compensatory model vs. a medical model of treatment for person with psychiatric disabilities. Text material, research articles, guest presentations, videos, community site visits, and "real play" through extensive diad/small group student interaction, will be employed to promote learning. This course is required for master's degree candidates in psychosocial rehabilitation, however, it is also open to persons interested in this innovative approach to mental illness. Cr 3.

HRD 615 Vocational Aspects of Disability and Placement in Rehabilitation

This course will discuss job selection, analysis, modification and development skills useful in the placement of persons with disabilities. The role, function and technique of the rehabilitation counselor in job placement of persons with severe disabilities will be examined. Prerequisites: None. Cr 3.

HRD 620 Fundamentals of Counseling Skills

This course will emphasize the development of fundamental counseling skills, such as attending behavior, listening, reflection of feeling, paraphrasing and ques-

tioning. The course will examine the process and content of the counseling interview, as well as verbal and non-verbal factors which influence the interactions within the counseling relationship. Primary focus will be to help the student develop greater knowledge and skills in interpersonal communication within the counseling relationship. Prerequisite: Restricted to matriculated graduate students. Cr 3.

HRD 621 Fundamentals of Counseling Theories

This course is for those who are or will be engaged in counseling in an educational or mental health setting. Selected theories and related techniques will be closely examined. Research literature which has a bearing on the effectiveness and non-effectiveness of counseling will be reviewed. Prerequisites: None. Cr 3.

HRD 622 Counseling Children and Adolescents

This course provides an overview of theories and techniques that are used in counseling children and adolescents. Attention will be given to examining personal philosophies about working with children and adolescents and to the exploration of plausible interventions for various counseling situations with these populations. Prerequisites: Matriculation in counselor education or school psychology or permission of instructor. Cr 3.

HRD 626 Group Process and Procedures

The course focuses on basic principles of group development and on dynamics of group interaction. The improvement of facilitative skills will be emphasized. Prerequisite: Open to matriculated graduate students only. Cr 3.

HRD 627 Group Counseling

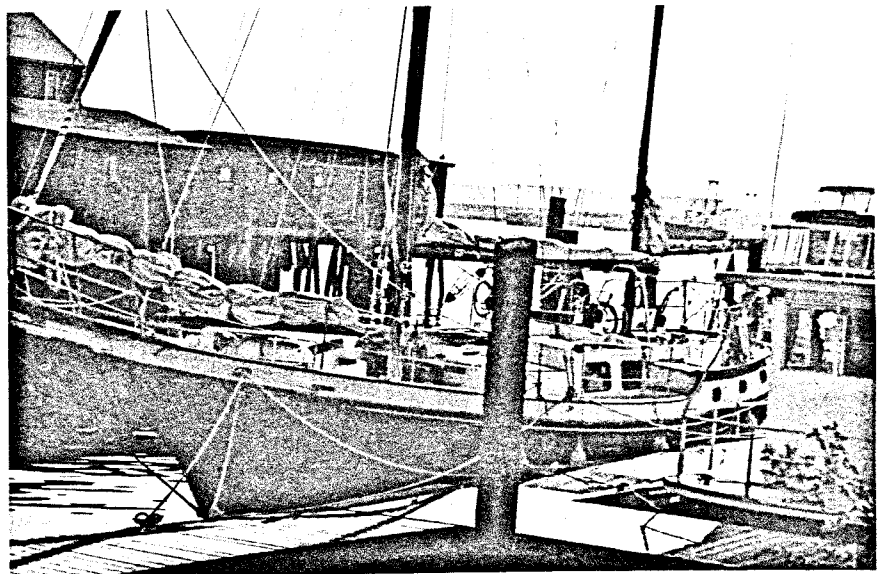
This course focuses on the development of concepts, attitudes, and skills necessary to effectively lead counseling groups in a variety of settings. Integration of group dynamics with counseling theory and group techniques is emphasized. Additionally, behavior of leader and participants will be analyzed to promote a deeper understanding of group roles and functions. Prerequisite: HRD 626 or equivalent. Cr 3.

HRD 632 Program Development in Adult Education and Human Resource Development

This course presents the models, techniques, and practices of constructing curricula and developing programs for adult learners as individuals, groups, and community organizations. The course covers both educational and training programs and emphasizes practice, skill acquisition, and competence in curriculum development for adults with diverse needs and in diverse learning environments. Prerequisite: HRD 631 or permission of the instructor. Cr 3.

HRD 659 Research Methods in Applied Interventions

The purpose of this course is to teach student methods



of evaluating the efficacy of applied interventions, such as consultation, behavior management, social skills training, group counseling, and individual counseling. This course will emphasize the applications of single-case experimental designs and qualitative methods of evaluating the effectiveness of interventions. Cr 3.

HRD 660 Life Span Development I

This course examines the processes underlying growth, development and behavior changes of humans from conception through adolescence. The interaction of biological and environmental factors will be considered in studying physical, cognitive, and psychosocial development during these earlier stages of the life span. Prerequisites: None. Cr 3.

HRD 661 Life Span Development II

This course examines the processes underlying growth, development and behavior changes of humans from young adulthood through old age and death. The interaction of biological and environmental factors will be considered in studying physical, cognitive, and psychosocial development in adulthood. Prerequisites: None. Cr 3.

HRD 664 Culture, Tradition and the Life Cycle

This course is designed to provide an understanding of the nature and needs of individuals at all developmental levels. It focuses on the social and cultural foundations, changes, and trends that impact on life span human development. Drawing from the social science disciplines, cultural traditions are examined in relation to changing roles, morals, and lifestyles. The course considers specific ethnic groups of northern New England to see how traditions might influence attitudes toward growth potential. Prerequisite: HRD 662 or permission of instructor. Cr 2.

HRD 665 Psychological Measurement and Evaluation

This course focuses on group tests and related measurement techniques. The course content will include a review of the history and testing, current issues, fundamental statistics for understanding, evaluating and using tests, including selected aptitude, intelligence, achievement, interest and personality tests. A variety of standardized and non-standardized evaluation measures will be reviewed. Prerequisites: None. Cr 3.

HRD 671 Physical Bases of Behavior

This is an examination of neurological, sensory, and muscular disorders. Consideration is given to health problems of school-aged children. Cr 3.

HRD 674 Abnormal Psychology

This is an overview of normal and abnormal personality development and functioning. Emphasis is on symptom patterns, etiology, and treatment of developmental and behavioral disorders from early childhood through adulthood. Cr 3.

HRD 686 Internship

This course will provide an opportunity for the student to integrate formal coursework with on-the-job experience in selected institutions. Prerequisites: HRD 690. Cr 1-12.

HRD 687 Internship in Adult Education

This course is designed to provide professional experience in the student's selected area of concern. A plan for the internship is presented for approval to the student's adviser. On approval, the intern completes his/her planned program under the supervision and evaluation of a responsible person for the internship assignment. Cr 1-9.

HRD 688 Internship in School Psychology

The 1,500-clock hour internship is a full-time, supervised experience within a public school system. The internship provides the student with specific skills and competencies in the role and function of the school psychological examiner. Prerequisite: permission of instructor. (Three hours awarded in the fall and spring semesters and two hours in the first summer session). Cr 8.

HRD 696 Counselor Supervision

The course is designed to assist human service workers who are responsible for the supervision of counselors in



various settings. Both clinical and program/administrative supervision will be addressed. Competencies will focus on the knowledge base, intervention techniques and human skills needed to provide quality supervision. Cr 3.

HRD 698 Directed Study in Human Resource Development

This course provides students the opportunity to pursue a project independently planning and exploring an area of interest within the field of human resource development. The project must be field based, intellectually sound and reflect a high caliber of performance. Specific content and methods of evaluation are determined in conjunction with the faculty supervisor. An approved proposal is a necessary prerequisite to registration. Cr 1-3.

HRD 699 Independent Study in Human Resource Development

This course provides students the opportunity to pursue a project independently, planning and exploring a topic of interest within the field of human resource development. The project must be library based, intellectually sound and reflect a high caliber of performance. Specific content and methods of evaluation will be determined in collaboration with the instructor. An approved proposal is a necessary prerequisite to register. Cr 3.

HRDX 646 Introduction to International Adult Education

This course will provide students with a broad overview of some of the historical roots and current practices of adult education internationally. It will provide information about significant leaders and agencies, as well as topical subjects, such as women's education, literacy, peace and human rights, participatory research, the environment and new technology as they relate to adult education. Cr 3.

HRDX 647 Work and Learning Institute

This course examines the learning workplace concept within the context of work and adult learning theory, organizational change, training director role, and program intervention strategy issues in work organizations of varying types and sizes. Each participant plans an organizational intervention applying the learning workplace concept in an actual work organization. The course counts toward the requirements of the training and development concentration. Cr 3.

Professional Development Center

EDU 619-51 Topics in Middle Level Education: Integrated Curriculum 5-12

In this course, teachers of Brown Barge Middle School (Pensacola, Florida) will demonstrate, as a model for curriculum design and development, their school's nationally recognized approach to providing a totally integrated curriculum. Participants of the course will learn how to develop integrated curriculum and assess learning outcomes. This course is appropriate for grades 5-12 educators, who are interested in moving from a separate-subject based curriculum to an integrated curriculum approach to teaching and learning. Registration in school teams of two or more members is encouraged. Cr 3.

EPD 542 Social Process and the Culture of Schools

This course focuses on the processes that occur in two major social systems—organizations and groups. Particular attention will be given to looking at schools as organizations and at classrooms as groups. Students will learn to diagnose various processes that occur in the school organization and the classroom to develop intervention strategies to improve each process. Cr 3.

EPD 553 Curriculum Design with HyperCard

This course offers educators the opportunity to learn HyperCard technologies as design tools which meet the demands of today's curriculum—a non-linear, interactive approach to planning and curriculum guide construction. Using various software for the Macintosh, participants will have a hands-on lab experience as well as explore the connections of technology to learning through integrated curriculum, alternative assessment, cooperative learning, and other active learning strategies. The orientation of this course will be on transformational curriculum which is "rich, recursive, relational, rigorous, and reflective". Early registration is recommended; class limited to 20 participants. Cr 3.

EPD 564 Counseling Traumatized and Disordered Children

Many children experience severe emotional trauma from a variety of stimuli: physical illness, death of a relative, divorce, abuse, homelessness, accidents, alcohol/drug abuse, and other circumstances. This course will provide an overview of traumatizing experiences and how they impact children. It will also present methods of intervention with children and provide specific techniques to use with the problems children

encounter. Emphasis will be placed on intervention that focuses on working with individual children, their families, school personnel, and related community resources. Cr 3.

EPDI 501 Cooperative Learning in the School Setting

This course provides the learner with an overview of cooperative learning systems and practical approaches to implementing cooperative learning techniques and activities in a school setting. Special emphasis will be placed on solving problems attendant to heterogeneous grouping, evaluating individual learnings in a group setting, and designing activities that engage all students in multiple modes of learning. Cr 3.

EPDI 502 Using Mac Computers with Special Needs Students

This course examines the specialized use of the Macintosh computer with students with special needs. Introductory material focuses on the basic operational procedures of the Macintosh. The uses of Mac software and how the software enhances learning processes are explored, and special adaptations of the Macintosh for students with special needs demonstrated. No previous experience with the Macintosh is required. Cr 3.

EPDI 517 Computer Networking: Linking Educators and Students to the Global Village

This course explores educational telecomputing as a vehicle for communication among K-12 students, teachers, and administrators as well as among personnel of post-secondary institutions and the private sector. Skills for using telecommunication networks, electronic mail and bulletin boards, and computer conferencing will be taught. Emphasis will be placed on promoting educational improvement through teacher exchanges of instructional ideas, facilitating student motivation to read and write through use of technology, and the reducing of teacher and administrator isolation by providing access to colleagues in schools and corporate settings. Cr 3.

EPDI 521 Using HyperCard in Special Education

This lab course will focus on developing accessible applications for students with disabilities, using HyperCard software and Macintosh computers. Students will become familiar with all aspects of the HyperCard development environment. The effects of HyperCard applications with regard to various disabilities will be discussed. Existing HyperCard special education-related applications will be evaluated. Cr 3.

EPDI 527 Educational Implications for the Language Learning Disabled Student

This course will focus on definition, diagnosis and intervention of the expressive and receptive language processes of the language impaired population, specifically the language learning disabled student. Language processing and the various difficulties and disabilities children exhibit in this area will be defined using an information processing model. Various effects of language disabilities on school behavior, social interaction, and academic development will be addressed. Collaborative teaching among specialists and mainstream issues will be covered. Cr 3.

EPDI 530 Storytelling

This course is designed to deepen understanding and appreciation of storytelling as an art form, a performance genre, and an educational force. The focus includes a brief history of storytelling, its purposes and values, types of literature suitable for oral presentation, techniques of preparing and presenting stories, styles of telling, and the child as storyteller. Cr 3.

EPDI 548-51/52 Leadership Training in Experiential Education

The Hurricane Island Outward Bound School/University of Southern Maine Joint Initiative is offering an Adventure Based Education Workshop. The workshop is designed to provide teachers, counselors, and managers with training in the theory and practice of adventure based education. Primarily through the experiential learning process, participants will develop knowledge of adventure based activities and processing skills. Specific activities will include "initiative", problem solving activities, "new games", and ropes course elements. The focus is the transfer of these skills back into other environments, organizations, and institutions. Cr 3.

EPDI 586 Whole Language Teaching: PS-Grade 3

This course for teachers focuses on teaching through the whole language approach. Sessions will explore the philosophical base of the approach, whole language techniques, the role of the teacher and learner, the writing process for young children, shared books, thematic teaching and webbing. Workshops sessions producing classroom materials will be included. Cr 3.

EPDI 502 Multi-Age Education

This course will examine the rationale for multi-age teaching in the elementary school through review of current research and an historical perspective. Types of curricula, classroom organization, teaching techniques, involvement of parents, assessment strategies as well as political considerations surrounding the change to multi-age education will be addressed. Models of multi-age education currently being used in Maine will be presented by practitioners. Cr 3.

EPI 507 Portfolios in the Classroom

This course is designed for K-8 teachers and administrators who wish to design, implement or improve portfolio cultures in their schools. Topics to be addressed include: definitions of portfolios, instruction and assessment implications, validity and reliability, potential of technology, rubrics and scoring guides, incentives for quality work, communicating with wider audiences, and the challenges (practical and theoretical) to educators, the students, and the system. Cr 3.

EPI 522 HyperCard Projects in Special Education

This course goes beyond the basics of stack building. Course components include: advanced scripting; resource editing and placement; various kinds of animation; making and using dialog boxes, radio buttons and check boxes; complex ways of dealing with text in fields, sound digitization, visual and user-interface design; and using some of the built-in script debugging and learning tools that come with the HyperCard Development Kit. Students will come away from this course capable of designing and building accessible and appropriate course materials for almost any content area, or capable of finding out how to do it through the use of reference materials and existing stacks. Cr 3.

EPI 524 Curriculum Integration: K-6

The course is designed for classroom teachers who are interested in developing integrated learning experiences for their students across content areas, across skill areas, and across modes of communication. Participants will have opportunities to review and to adapt integrated

units of study and instructional materials that have been designed and used by other teachers. The course will emphasize the practical application of ideas in classrooms to help students to succeed. Cr 3.

EPI 526 Using Conflict Resolution and Mediation in the Schools

This course for school counselors, administrators, and teachers will teach conflict resolution and mediation skills. Through lecture, demonstration, role play and video, participants will improve their skills of collaborative negotiation and mediation—how to be a neutral third-party facilitator in conflict situations. Emphasis will be on building skills of active listening, discovering your own biases and maintaining neutrality, collaborative problem solving skills, breaking impasse, and consensus building in large groups. Skills will be taught in the context of issues of conflict in the school setting which the participants are encouraged to bring to class. Cr 3.

EPI 528 Autism & Severe Disabilities: Teaching Strategies

This course will focus on the use of systematic instruction procedures and applied behavior analysis methodologies to teach functional and age-appropriate skills to persons with autism and severe disabilities. During the initial phase of the course, participants will develop a proaction habilitative program with a person with disabilities. The second phase of the course will include case consultation and peer review in the implementation of habilitative programs. Cr 3.

EPI 529 Critical and Creative Thinking in the Classroom

The heterogeneous classroom invites many areas of challenge for the teacher. One of the challenges includes how to provide critical and creative thinking lessons for all ability learners. We will also look at ways to adapt instruction in order to create flexible, interactive, and authentic activities. We will also look at ways to assess students' thinking through the use of critical and creative thinking, utilizing instructional strategies/techniques, providing for a variety of grouping arrangements, and developing assessment tools. Cr 3.

EPI 530 Communication Skills for the Classroom Teacher

The purpose of this course is to introduce and familiarize teachers with how communication can function effectively in their classrooms. Topics to be covered include how communication relates to such issues as



classroom climate, nonverbal immediacy, prejudice and bias, teacher approachability, student communication apprehension and self-concept, and other behaviors/nuances associated with classroom interaction. This class is for elementary and secondary teachers, delineating and discussing ways which will capitalize on their teacher potential. Cr 3.

EPI 533 Teaching Tolerance of Diversity in Law-Related Education

The focus on this year's summer institute is tolerance of diversity. This course will explore the purpose, techniques, and content of law-related education (LRE) with the aim of preparing teachers, counselors, and administrators to bring LRE into their schools and classrooms. Course sessions will explore discrimination under the law on the basis of race, sex, religion, sexual harassment, conflict management education, and peer mediation. Interactive techniques such as mock trials, case study, moot court arguments, and simulations will be demonstrated. Curriculum materials provided. Cr 3.

EPIS34 Family, Child, Teacher Interaction in Educational Settings

This course will examine the nature of early relationships and skills required by care givers and teachers, in partnership with parents, to foster the optimal development of young children. Attachment, interaction, and separation characterize these relationships and provide the backdrop for future competence and sense of self. Cr 3.

EPI 536 Research Seminar: The Psychology of Women and the Education of Girls

This course will examine and explore issues in girls' development and education from early adolescence through the college years, considering implications for educational practices. Using the new research on the psychology of women as a background, as well as emerging studies in girls' development, we will examine how developmental theories fit girls' life experiences and how new data is redefining theory, especially considering issues of gender, race, and class. Special attention will be given to girls' developing sense of self, relationships, and to their ethical and intellectual life. Participants will be introduced to qualitative research methods, in particular to research interviewing, and plan small scale research projects, especially focus group interviewing. How school climate and the ways schools think about and foster the education of girls will be the subject of historical review, and possibly, of independent projects. Cr 3.



HRD 554 Institute in Educational Gerontology: Aging and Life Review

This intensive summer institute examines the process of life review and its role in human aging including memory, imagination, and identity in later age. Participants will develop practical methods of facilitating life review for themselves and older clients. Cr 3.

Lewiston-Auburn College

COR 126J Global Enlightenment

This course is designed to familiarize students with the major problems confronting civilization as we approach the 21st century. Emphasis will be placed upon a variety of critical global issues dealing with such themes as energy/power generation, housing, pollution, waste disposal, effective resource utilization, transportation, communications, food production, water, ecological/environmental problems, world population, cultural co-existence, education, and technological literacy. Solutions to such problems will be analyzed and discussed and the importance of interdependence among nations will be stressed throughout the course. Cr 3.

ENG 120H Introduction to Literature

A general introduction to the various literary genres—poetry, the short story, drama—which will include a study of critical terminology, close textual reading, and practice in writing. Prerequisite: ENG 100/Cor 101/Cor waiver. Cr 3.

HRD 333J Human Growth and Development

This course introduces developmental theory and research which encompasses the entire lifespan. Emphasis will be on prenatal development through adolescence, with an overview of adult development. A multi-disciplinary view of human development will be taken which considers stability as well as change throughout the life cycle. The interaction of hereditary and environmental factors will be considered in studying physical, cognitive, and psychosocial development. Prerequisite: sophomore level standing. Cr 3.

HTY 132I United States History Since 1877

The course is a continuation of HTY 131. A survey of American political, social, and economic development since about 1877. Cr 3.

HUM 398 Independent Study

MOS 300 Organizations and their Management
This course provides an overview of basic managerial processes: planning, organizing, controlling, decision making, and leadership. Classic and modern organizational theory is used to analyze managerial problems. Prerequisite: College Writing. Cr 3.

MOS 385 Internship in Management and Organizational Studies

Prerequisites: MOS 300 or junior standing and permission of instructor. Cr 3.

MOS 398 Independent Study

Prerequisites: MOS 300 or junior standing and permission of instructor. Cr 3.

POS 101J Introduction to American Government

This course focuses on the political institutions, processes, behavior, and problems of government in the United States. The national government is emphasized. Key topics include: the Constitution, Supreme Court, Congress, Presidency, political parties, public opinion, and interest groups. Cr 3.

PSY 101J General Psychology I

An introduction to the study of behavior as a natural science. Among the topics covered are: method of inquiry, physiological foundations of behavior, sensation and perception, motivation and emotion, learning and thinking. This course is a prerequisite for all courses in the department. Cr 3.

SBS 385 Internship

Prerequisites: two 300/400-level SBS courses. Cr 3.

SBS 398 Independent Study

Prerequisite: junior standing and permission of instructor. Cr 3.

SCI 100K Natural Science Topics

This lecture and laboratory course centers on four major topics: the biosphere, food and nutrition, health and illness, and the new genetics. Through an integration of the natural sciences, the course applies basic concepts to an understanding of current issues. Social and ethical concerns are discussed. No prerequisites. Cr 4.

SCI 172 Human Anatomy and Physiology

The structure and function of the skeletal, muscular, cardiovascular, respiratory, urological, nervous, and endocrine systems are studied in this lecture and laboratory course, as are digestion and metabolism. Prerequisite: a biology course. Cr 4.

SCI 400 Senior Seminar

A variety of health-related issues will be discussed. Students will be required to write a formal academic research paper. Prerequisite: SCI 380/381 is recommended. Cr 3.

SOC 100J Introduction to Sociology

The fundamental concepts, principles, and methods of sociology; analyzes the influence of social and cultural factors upon human behavior; evaluates effect of group processes, social classes, stratification, and basic institutions on contemporary society. Cr 3.

**Edmund S. Muskie
Institute of Public Affairs**

PPM 615 Managing the Human Organization

An examination of issues and approaches in the management of the human organization. Topics include classic and modern theories of management; understanding individual, interpersonal, and group behavior; leadership and power; organizational structure and culture; and managing change. Throughout the course special attention is given to issues affecting management in the public sector and to the ethical aspects of management. Cr 3.

PPM 636 Community Leadership Institute

Provides practical, hands-on training for current and emerging volunteer community leaders. A small number of PPM graduate students may receive permission to participate in the Community Leadership Institute for graduate credit, working with a PPM faculty member to build on the experiences of the Institute. Cr 3.

PPM 660 Land Use Policy and Planning I

Introduces students to the methods and techniques of preparing small-area and community land use plans. Critical issues in planning practice are explored, including political, social, environmental, and ethical concerns. Rural and small town planning, state and regional roles, affordable housing and transportation are considered. Community resource and problem inventories, population and employment forecasting, land consumption, community improvement programming, fiscal impact analysis, environmental capacity analysis, and state-mandated growth management programming are examined. Plan-making exercises are required. Cr 3.

School of Applied Science

Applied Immunology

AIM 630 Medical Immunology

This course stresses the medical relevance and application of immunology, both in the laboratory and in the clinic. Specific topics covered include assay formats and design, assay interpretation, new technology and instrumentation, the role of the immune system in protection, the interactions of the immune system with inflammation, as well as the diagnosis, pathologic mechanisms, and treatments of immunodeficiency, autoimmune, and lymphoproliferative diseases. Cr 3.

AIM 631 Medical Immunology Laboratory

Cr 3.

AIM 690, 697, and AIM 698

For information about these courses see the Graduate Catalog or contact the School of Applied Science.



Computer Science

COS 160 Structured Problem Solving Pascal

This course is an introduction to the use of digital computers for problem solving, employing the Pascal programming language as a vehicle. Content includes elementary control structures and data representation methods provided by Pascal and the top-down programming methodology. Course requirements include a substantial number of programming projects. Prerequisite: two years of high school algebra or equivalent. Cr 3.

COS 161 Algorithms in Programming

The development of algorithms and their implementations in a higher-level programming language, with emphasis on proper design principles and advanced programming concepts. Introduction to the performance analysis of algorithms. Course requirements include substantial programming projects. Prerequisite: COS 160. Cr 3.

COS 170 Structured Programming Laboratory

Computational experiments will be designed to teach students how to construct reliable software in the Turbo Pascal Environment. Topics to be covered included: MS-DOS, conditional program flow, iteration, procedures and functions, and symbolic debugging. This course must be taken concurrently with COS 160. Cr 1.

COS 211 The C Programming Language

A first course in the C programming language. This course should provide students with fundamental skills of C programming. Small to medium size programming

projects will be written. Prerequisite: Some previous programming experience. Cr 3.

COS 212 The UNIX Operating System

Introduction to the UNIX system, system commands, standard editors, shells, etc. Prerequisite: Experience with some computer operating system. Cr 1.

COS 230 Programming in COBOL

This course studies the programming language used primarily in business. Prerequisite: COS 140 or COS 160, previous programming experience or permission of the instructor. Cr 3.

Engineering

ELE 498 Digital Image Processing

The course will cover the following selected areas: fundamentals representation of images, sampling and quantization, image transforms, enhancement (i.e. contrast modification, smoothing, pseudocoloring); segmentation (i.e. edge detection, thresholding); compression (Huffman coding, JPEG, etc); restoration (i.e. Wiener filtering). Cr 3.

Technology

IEP 699 Independent Study

ATE 460 Independent Study in Vocational Education

This course is an opportunity to pursue independently a topic, project, or experiment of interest. Students will prepare a contract or proposal for study to be conducted

and, upon completion, submit findings in a scholarly report or other evidence of completeness. Permission of advisor. Cr 3.

ATEI 381 Methods and Materials of Instruction

A course of study in which the students are introduced to the various teaching methods and techniques of professional and effective practitioners. Students will develop their own learning and teaching styles. Included in this course are the procurement/creation and utilization of contemporary instructional equipment and teaching materials. Students will evaluate, prepare, and utilize appropriate, relevant instructional materials; plan, prepare, and present lessons; promote effective student use of the learning environment; and organize objectives, develop teaching plans, and evaluate measures of learning. Cr 3.

ITP 210 Technical Writing

A basic study of techniques used in technical fields to communicate in writing. Study includes document purpose, situation analysis, style, format and production of reports, proposals, procedure sheets, technical descriptions, forms, letters, memos, and visual aids. Prerequisite: competence in basic expository writing. Cr 3.

ITP 300 Ergonomics and Time Study

A study of techniques to utilize available resources (men, material, machines and facilities) in the most effective and economical manner giving full recognition to the human factors involved in engineering work methods and time measurements. Cr 3.

ITP 320 Occupational Safety and Health

This introductory course provides in put into the importance of safety and health in occupations. Emphasis will be placed on the worker, the work environment including such special emphasis areas as robotics, hygiene, hazards, hazard identification, machine safeguarding, and current legislation, environmental concerns and other areas of concern. Cr 3.

ITP 350 Conference Leading

This is a course in the philosophy and techniques of organizing and conducting successful conferences. Each participant will assume the responsibility of planning and leading a simulated conference. Cr 3.

ITT 440 Related Occupational Experiences/Internships

Two options, total credits to be no more than the difference between those granted for ITT 400, and 45 credits.

OPTION NO. 1

This course option is designed to permit attendance at an approved industry-sponsored school or seminar for the purpose of providing the student with advanced related occupational or technical training. Courses provided by organizations such as General Motors Training Centers, or International Typographical Union, qualify under this course option. Cr 1-6.

OPTION NO. 2

Approved employment with a company may qualify a student under this option. Arrangements must be approved by the advisor in advance. The experiences should provide opportunities for updating technical skills and knowledge. Credit will be determined on the basis of one credit for each two full weeks of employment (80 hrs.) with a maximum of three credits for each period of approved continuous full-time employment. A daily log, summary report, and evaluation by an industrial supervisor will constitute part of this option. Cr 1-3.

For additional information concerning either option of ITT 440 or ITT 440, consult your advisor.

School of Nursing

Nursing

NFS 252 Human Nutrition

This course examines the basic concepts of human nutrition and their application to the needs of human beings throughout the life cycle. Discussion of factors

affecting food practices and attitudes is included. Prerequisites: Anatomy and Physiology; Organic Chemistry or Biochemistry. For challenge information of NFS 252, contact the School of Nursing. Cr 3.

NUR 209 Health Assessment

This course provides the student with knowledge and skills necessary to conduct an in-depth holistic health assessment of well individuals of all ages. Emphasis is placed on data collection through development of communication, interviewing, history-taking, physical examination skills, and data synthesis with formulation of nursing diagnoses. Prerequisite: Anatomy and Physiology. Cr 2.

NUR 210 Health Assessment Lab

This course provides opportunities for students to apply knowledge and assessment skills necessary to conduct total health assessment of clients of all ages (concurrent with Health Assessment) Cr 2.

NUR 299 Transition to Professional Nursing: Role Development and Skill Acquisition

This introductory accelerated course for students in the M.S. 2nd Degree Option Program surveys historical and contemporary perspectives on the nature and scope of nursing. It builds on the student's broad base of knowledge and experience as it examines the philosophical and research basis of nursing practice. Skills essential to nursing practice are explored from both a theoretical and practical approach. Cr 3.

NUR 302 Pharmacology

Basic concepts in pharmacology including major drug categories, drug interactions, the use of the nursing process in the therapeutic administration of drugs, legal implications, and the physical and psychological effects of drugs on various age groups will be emphasized. Prerequisites: Human Anatomy and Physiology. Junior standing students in nursing accepted. Permission of instructor for non-nursing majors. Cr 3.

NUR 304 RN Transition

This course introduces the RN student to the nature and scope of professional nursing. The student studies all theories and concepts that form a basis for professional nursing practice with individuals and families. Nursing process is utilized to define the needs for health promotion, restoration, and maintenance for clients at various developmental levels in a variety of settings and in a culturally diverse society. The study of nursing history and the development of nursing theory is limited. Students use research to examine the role of the professional nurse and to explore family theory, crisis theory, and teaching and learning theory. Legal and ethical issues related to the delivery of health care are discussed. Open to RN students only. Prerequisite: RN license. Cr 5.

NUR 311 Reproductive and Sexual Health Nursing

Emphasizing the health care needs of the reproductive family, this course examines issues of reproductive health from adolescence through older adulthood. Content stresses the nursing roles of teacher, communicator, and caregiver related to client needs with menarche, fertility, parenting, sexuality, sexual functioning, menopause, common health problems of the male and female reproductive system. Cr 2.

NUR 312 Reproductive and Sexual Health Nursing Lab

This course offers students learning experiences in providing nursing care to families during prenatal experiences. It also offers students the opportunity to apply knowledge of client reproductive health care needs at other points in the life span. (concurrent with NUR 311) Cr 2.

NUR 401 Health-Related Research

Introduction to health-related research with an emphasis on understanding the research process and becoming a consumer of research. Application of current research findings to nursing practice is a major component of the course. Prerequisites: Statistics; RN students; senior standing in the School of Nursing, or permission of instructor. Cr 3.

NUR 402 Adult Health Nursing

Students will explore research-based therapeutic nursing interventions which support adult clients experienc-

ing complex health problems. This course will enable students to develop and practice critical thinking skills necessary for delivery of family-centered care. The emphasis is on major health problems in the United States. The nursing roles of coordinator and leader are introduced. Cr 2.

NUR 403 Adult Health Nursing Lab

Students will intervene therapeutically with adults experiencing complex health problems. Students practice problem-solving skills and critical thinking as they perform nursing roles in acute care settings. (Concurrent with NUR 402) Cr 2.

NUR 415 Concepts in Community Health

This course introduces public health principles basic to improving the health of populations and to the practice of community health nursing. The epidemiological process is stressed in surveying current major health issues. Emphasis is on diverse groups in the community at national, regional, and local levels. Cr 2.

NUR 416 Community Health Nursing Lab

This course is designed to provide clinical experience in a variety of community settings. The emphasis is on application of concepts of community health nursing. (concurrent with Concepts in Community Health) Cr 2.

NUR 417 Community Health Nursing Lab

This course extends the community health nursing lab experience for RN students. Prerequisite: NUR 416. Cr 4.

NUR 595 Therapeutic Touch Institute

See Special Programs section of this catalog.

Recreation and Leisure Studies

REC 110 Introduction to Recreation and Leisure Studies

Concepts of leisure, play, time, and work are discussed. Leisure awareness and identifying barriers to leisure are covered. Students are encouraged to develop a recreative lifestyle attitude. Cr 3.

REC 216 Advanced First Aid and Emergency Care

This course will cover the topics prescribed by the American Red Cross in their advanced first aid course, including respiratory and cardiac emergencies, wounds, poisoning, sudden illness, burns and other topics. Successful completion of the course requirements will lead to Advanced First Aid and CPR certification from the American Red Cross. Cr 3.

REC 219 Lifetime Physical Fitness and Wellness

The primary emphasis of this course is to teach students how to take control of their personal health and lifestyle habits. Major areas will include nutrition/weight management, fitness training techniques, flexibility, coronary risk factor management, muscular strength/endurance, stress management and other wellness related topics. Class content will include lecture/discussion and in class laboratory evaluations. Cr 3.

REC 399 Sports Injury: Care and Prevention

This introductory course in sports medicine will provide the student with current information relating to the prevention and management of sports-related injuries. Pertinent anatomy and common injuries will be discussed. This course is geared toward individuals involved in or pursuing allied health professions as well as the coaching or teaching fields. Cr 3.

Division of Off-Campus Instruction and Academic Support

ABU 119 Business Communication

This course introduces students to business communication strategies and provides practice in the application of those strategies using the case method. Students compose business letters, short and long reports, employment writing. (Formerly ENG 019) Cr 3.

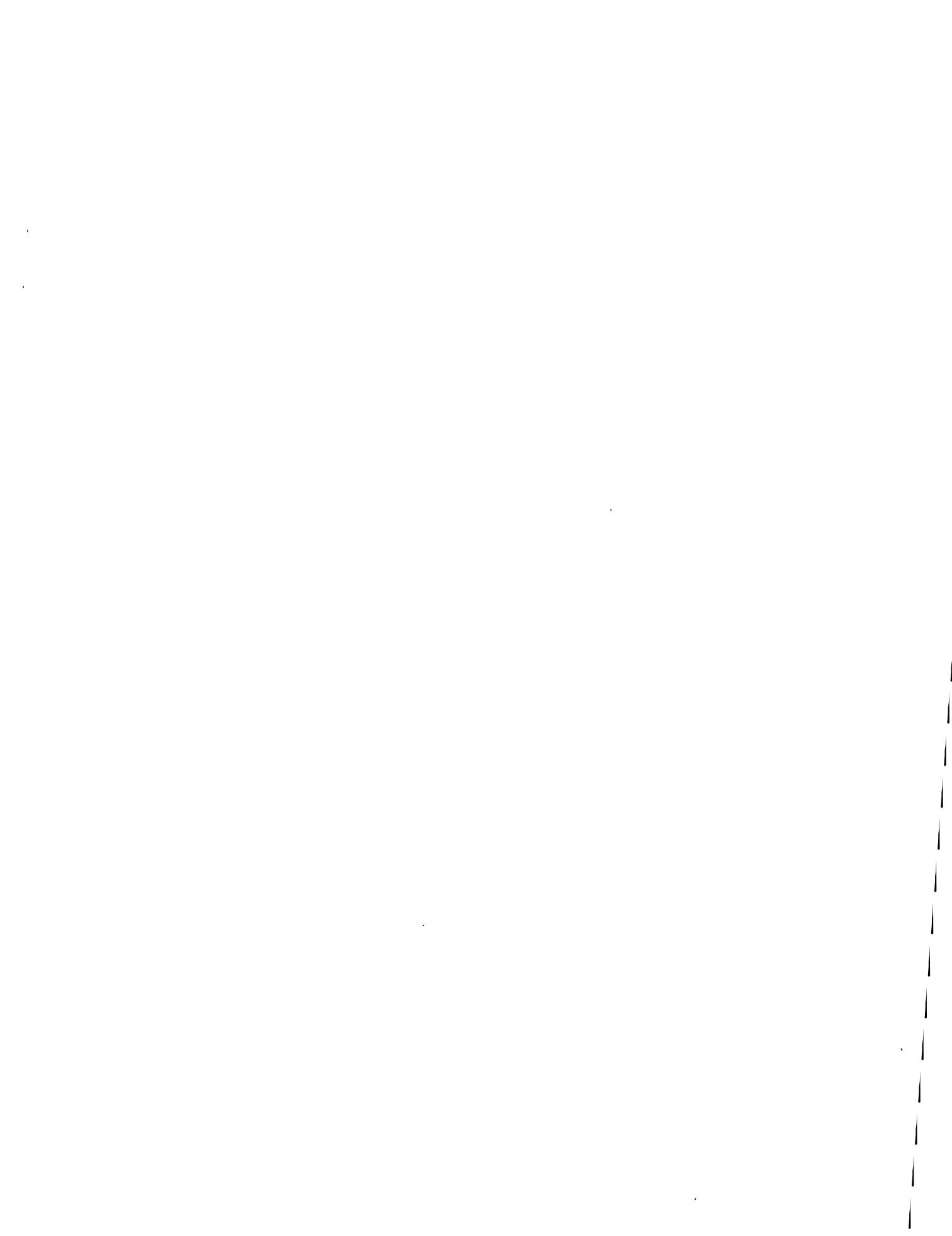
ENG 009A Developmental Writing

This course is designed to help students who need to develop proficiency to enter ENG 100C, College Writing. ENG 009 is taken on a pass/fail basis. Credit earned in ENG 009 does not apply or accumulate toward any degree program at the University of Southern Maine. Cr 3.

FRS 100 Freshman Seminar

This course is designed to enhance a student's academic success by providing an introduction to the many facets of the University. Selected topics include critical reading and writing, critical thinking, enhancing study and communication skills, and pluralism and diversity. A research topic is explored and the class format allows for a great deal of faculty/student interaction. Cr 3.





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