

1992

University of Southern Maine Course Catalog Summer 1992

University of Southern Maine

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UNIVERSITY
S U M M E R
O F S O U T H E R N
S E S S I O N
M A I N E

1992



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Directions to the Portland campus (Summer Session office, 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.

Directions to the Gorham campus (Registrar's office, 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.

The University of Southern Maine shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability, or veterans status and shall comply with Section 504, Title IX, and the ADA in employment, education, and all other areas of the University. Inquiries about discrimination in any area of the University should be directed to EEO Director, Sue Ellen Bordwell, 7 College Avenue, Gorham, Maine 04038. (207) 780-5171, TDD (207) 780-4395 or to the Office of Civil Rights, U.S. Department of Education, Region I, John W. McCormack Post Office and Courthouse Building, Boston, Massachusetts 02109, (617) 223-9692.

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 and maximum 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 1992



Registration begins Monday, March 23 and continues through the beginning of each session.

	<u>7-Week Session</u>	<u>4-Week Session</u>	<u>6-Week Session</u>	<u>7-Week Session</u>	<u>4-Week Session</u>	<u>Variable Session</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
	<i>May 11- June 26</i>	<i>May 11- June 5</i>	<i>June 22- July 31</i>	<i>June 29- August 14</i>	<i>July 13- August 7</i>	<i>Variable Dates</i>
Residence Halls Open	Sun., May 10 2:00 p.m.	Sun., May 10 2:00 p.m.	Sun., June 21 2:00 p.m.	Sun., June 28 2:00 p.m.	Sun., July 12 2:00 p.m.	Arranged
First Day of Classes	Mon., May 11	Mon., May 11	Mon., June 22	Mon., June 29	Mon., July 13	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 8	May 8	June 19	June 26	July 10	Variable
Last Day to DROP with no grade notation	May 15	May 13	June 26	July 2	July 15	Variable
Last Day to WITHDRAW With Grade of 'W.'	June 5	May 26	July 14	July 24	July 28	Variable
Session Ends	June 26	June 5	July 31	August 14	August 7	Variable

Holidays:

University closed on Monday, May 25, Memorial Day and Friday, July 3, Independence Day

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

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 Centers** • 122 Payson Smith (Portland) • 780-4040 • 103 Corthell Hall (Gorham) • 780-5340
- Department of Conferences** • 68 High Street (Portland) • 874-6506
- Financial Aid** • 202 Corthell Hall (Gorham) • 780-5250
- Graduate Education** • 118 Bailey (Gorham) • 780-5306
- Off-Campus Programs** • 301 Payson Smith (Portland) • 780-4470
- Professional Development Center** • 305 Bailey Hall (Gorham) • 780-5326
- Registrar's Office** • 113 Corthell Hall (Gorham) • 780-5230 • 106 Payson Smith Hall (Portland) • 780-4076
- 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 Session** • 106 Payson Smith (Portland) • 780-4076

Extended Hours for Registration*

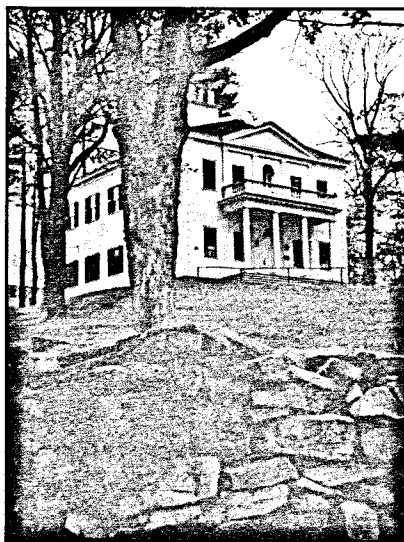
- Portland Advising Center • 122 Payson Smith • May 11-12 • June 29-30 • (8:00 a.m.-7:30 p.m.)
- Summer Session Office • 106 Payson Smith • May 11-12 • June 29-30 • (8:00 a.m.-7:30 p.m.)
- Student Billing Office • 128 Payson Smith • May 11-12 • June 29-30 • (8:00 a.m.-7:30 p.m.)

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 on St. John, 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 which best fit your individual needs and interests. Several special programs are offered in the summer which are not available at any other time—see the Special Programs section of the catalog for information about these exciting offerings.

With registration sites located at the Portland and Gorham campuses of USM and at our off-campus sites, as well as some phone-in registration dates, USM makes it easy for you to register where you want to register. Registration begins March 23. 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 over 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.

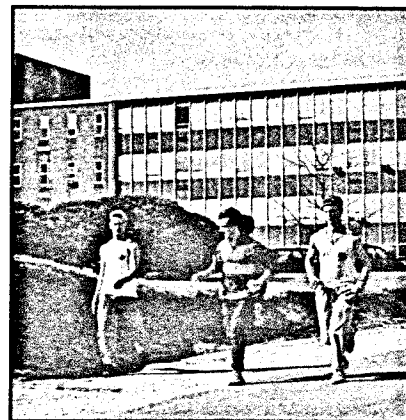
The campuses of USM offer a number of unique points of interest—a blend of the old and the new. On the Gorham campus, which is more than 100 years old, is the McLellan House, dating from 1773 and

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 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.



Registration Information

Registration begins March 23, 1992

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 by calling the Registration Services Office at: 780-4408 or 1-800-371-0016 (within Maine). Please have your card number ready. **Phone-in registration begins March 23 and will run for the following weeks only: March 23-27, March 30-April 3, May 4-8, June 22-26. 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 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, if necessary, is available through the Advising and Career Services Center in Payson Smith Hall on the Portland campus or the Advising Center in Corthell Hall on the Gorham campus. These centers provide 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 in Payson Smith Hall on the Portland campus, the Registrar's Office on the Gorham campus, or the Lewiston-Auburn College, or any off-campus site. 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): All students taking graduate courses may register in person at the Registrar's office (Corthell Hall, Gorham) or Registration Services (106 Payson Smith Hall, Portland). Registrations will be processed from March 23, 1992 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.

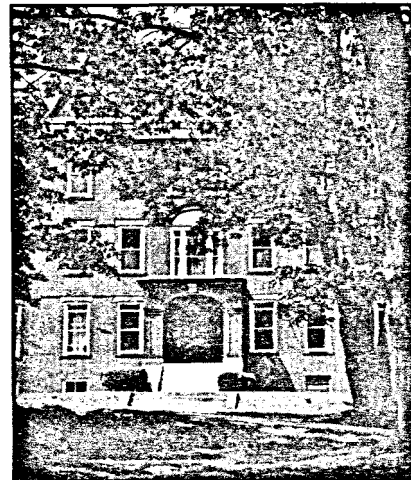
An application is not considered complete until all the required transcripts, appropriate test scores, and letters of recommendation are on file. All material sent in support of an application for admission becomes the property of USM and will not be returned to the student.

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 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

Audits 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 Grade reports will be mailed to students at their home address by the Registrar in early July and late August. These grade reports represent the only notification to students of their performance in given courses.

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.

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 Registration 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 student 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, 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.

Community College of Maine

The Community College of Maine offers associate and baccalaureate courses via live, interactive television (one-way video and two-way audio). CCM courses are available at USM's off-campus centers in Saco/Biddeford and Sanford. In addition, CCM courses may be offered at Kennebunk, Massabesic, Noble, and Wells High Schools. For a complete listing of courses by location, contact any off-campus center or the Summer Session Office.



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

Undergraduate	
Maine Resident	\$ 89.00
Non-Resident	\$252.00
NEBHE	\$133.50
Graduate	
Maine Resident	\$116.00
Non-Resident	\$328.00
NEBHE	\$174.00
Law	
Maine Resident	\$198.00
Non-Resident	\$396.00
NEBHE	\$297.00

Undergraduate tuition charges at Lewiston-Auburn College are slightly lower. Contact Lewiston-Auburn College for details.

Technology Fee

This is a mandatory \$2.00 per credit charge. The money generated by this fee is used to purchase computer hardware and software used by students in the Academic Computing Centers and at the off-campus centers.

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. No more than \$1,300 can be charged each semester and the minimum allowable transaction is \$25.00. Room and board charges cannot be paid with a credit card.

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.

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.

The charges listed are in effect as of December 1991. 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.

Refunds

Students who must 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 of class: 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 Accommodation 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 entire summer accommodations are available on the Gorham campus and at Portland Hall, 645 Congress St, Portland, from May 10-August 15. 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 also has a small common kitchen for student use. Information regarding locations, schedules, and prices will be mailed to you with confirmation of your room reservation.

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



1992 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 _____

Accommodations

		Rates	Nightly	Weekly	Full Summer 5/10-8/15
<input type="checkbox"/> Portland Hall	<input type="checkbox"/> Gorham	Single	\$ 15	\$ 90	\$ 1050
<input type="checkbox"/> Single	<input type="checkbox"/> Telephone	Double	\$ 12	\$ 70	\$ 875
<input type="checkbox"/> Double	<input type="checkbox"/> Linen	Suite (S)	\$ 30	\$ 100	\$ 1150
<input type="checkbox"/> Suite (Single)*		Suite (D)	\$ 20	\$ 80	\$ 800
<input type="checkbox"/> Suite (Double)*		Suite (T)	\$ 10	\$ 70	\$ 700
<input type="checkbox"/> Suite (Triple)*					

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

* Suite accommodations available in Portland only.

Return form to: Summer Housing, University of Southern Maine, Campus Center, Portland, Maine 04103.
 Phone (207) 780-4090.



Campus Resources and Services

Parking

All faculty/staff and summer session student vehicles not previously registered for the 1991-92 academic year must be registered and display a valid decal.

Effective May 11, 1992, the vehicle registration fee will be \$10.00. All decals expire August 31, 1992.

Vehicles may be registered at the Business Office, Payson Smith Hall on the Portland campus, and at Police and Safety, Corthell Hall on the Gorham campus.

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-Luther Bonney Hall; 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 intercession 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 needs available from 8:00 a.m. to 10:00 p.m. Weekend and special equipment needs by prior arrangements.

Academic Advising

There are two Advising Centers (one on each campus) to provide academic advising for students who are undeclared or undecided about a major, students who are "admitted with conditions," and non-degree students. The coordination of services for disabled students who have special needs also takes place in the Portland Campus Advising Center. For further information, contact the Advising and Career Services Center in Payson Smith Hall on the Portland Campus (780-4040), or the Advising Center in Corthell Hall on the Gorham Campus (780-5340).

Counseling

Through a staff of professional psychologists and counselors, the Counseling office assists students with personal and career counseling needs. As part of these services, the office provides testing, and referral as deemed appropriate. For more information contact: Counseling, 101 Payson Smith Hall, 780-4050.

Off-Campus Centers

In its continuing effort to meet the needs of a diverse student population, the Division of Off-Campus Instruction and Academic Support administers centers in Saco-Biddeford and Sanford. These centers provide easy geographic access to University courses and services. Several courses are offered at a variety of times during the day and evening to accommodate a diverse student body. 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. For more information, contact the center nearest you.

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 College Work-Study (CWS) program. Students who are interested in applying for summer financial aid need to complete the Summer Financial Application available through the Student Financial Aid Office. Applicants must also submit a completed 92-93 Financial Aid Form (FAF) to the College Scholarship Service and submit signed, 1991 federal tax returns (student's and parents when appropriate) to the Student Financial Aid Office.

To receive priority consideration for summer financial aid, the Summer Financial Aid application must be received by the Student Financial Aid Office and the FAF must be received by the College Scholarship Services by February 14, 1992. Signed, 1991 federal tax returns should be received by the Student Financial Aid Office by April 15, 1992.

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

The Office of Veterans Affairs is staffed by a full-time veterans coordinator. Veterans should contact the office, located in 106 Payson Smith Hall, for more information. (207) 780-4043.

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 two- or three-day seminars and intensive one-week institutes to three-week courses. They carry varying types of credit: graduate academic, in-service academic, and continuing education. For information, please call (207) 780-5326.

Office Staff

Director: George Lyons

Staff Associate: Carol LaMontagne

Secretary: Alicia Marcinczyk

Secretary: Pearl Wutrich



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 1992

* In Celebration of Children's Literature (July 8-10)

* Early Childhood Connections (August 11-13)

* Whole Language Teaching: PS-3 (July 13-17)

* Linguistics of American Sign Language: Intro to Linguistics (May 2, 16, 30)

* Linguistics of American Sign Language: ASC Linguistics (June 19-20, 24, 26-28)

* Institute in Applied Behavior Analysis (August 10-11)

EDW 472-51 Newspapers in Education

* EPD 511-51 Middle & High School Level Institute

EPD 521-51 Instructional Strategies & Materials for Teaching Gifted Students

EPD 542-51 Social Process and the Culture of Schools

EPD 558-51 Guiding the Social & Emotional Development of Gifted Youth

EPD 560-51 Middle School & the Gifted Learner

* EPD 571-51 Curriculum & Human Well-being

EPD 574-51 Middle School Literacy: Interdisciplinary Approach

EPD 575-51 Accelerating Reading & Writing Growth: Primary Grades

EPD 576-51 Designing a Developmental Reading Program in Grades 6-12

EPDI 501-51 Cooperative Learning in the School Setting

EPDI 502-51 Using Macintosh Computer with Special Needs Students

EPDI 517-51 Computer Networking: Linking Educators and Students to the Global Village

EPDI 518-51 Introduction to Computer Applications for Teachers

EPDI 521-51 Using HyperCard in Special Education

EPDI 522-51 Helping Families Help Children

EPDI 523-51 College Counseling for High School Counselors

EPDI 524-51 Creating Environments for Young Children: PS-3

EPDI 526-51 Software Evaluation for Teachers

EPDI 527-51 Educational Implications for the Language Learning Disabled Student

EPDI 530-51 Storytelling

EPDI 538-51 Teaching for Social Responsibility: The Gender Issue

* EPDI 548-51 Leadership Training in Experiential Education and Learning

* EPDI 548-52 Leadership Training in Experiential Education and Learning

* EPDI 555-51 The Math Solution K-8

* EPDI 556-51 The Math Solution 9-12

* EPDI 559-51 The Math Solution 2

* EPDI 561-51 Law-Related Education Institute

* EPDI 566-51 Rediscovering the Mathematics Learner Within

* EPDI 567-51 Global Dialogues: A Study Mission to Scandinavia and the Baltic States

* EPDI 569-51 Personalizing the NCTM Standards: A Math Course for K-6 Teachers

EPDI 592-51 Child Abuse & Neglect: an Interdisciplinary Perspective

HRD 554-51 Institute in Gerontology Education: Aging and Life Review

HRDX 614-51 Principles of Psychosocial Rehabilitation

HRDX 647-51 Work & Learning Institute

* Use Request for Information form for these courses. Information for all other courses available in the College of Education course description section of this catalog.

Field Camps

Archaeology Field Studies in the West Indies
GYA 300

June 10-July 8, 1992

This course will begin with one week of intensive classroom study of West Indies geography and history on the USM campus followed by three weeks of field study on St. John. The program will focus on the ecology and pre-Columbian settlement of St. John, the smallest and least developed of the U.S. Virgin Islands. Students will participate in the discovery, description, and mapping of pre-Columbian settlements, and will contribute to an inventory of resources that were available to the Native American inhabitants of the island. Director: Dave D. Davis, Ph.D., professor of anthropology. For more information and application, contact the Summer Session office at (207) 780-4076.

Historical Archaeology Field School
GYA 499

August 3-15, August 3-29

Recent archaeological investigations at the Isles of Shoals have begun to provide clues as to how this continent was settled by Europeans. It was the European offshore fishing practice that initiated economic development in New England. This summer's archaeological investigations will concentrate on locating and identifying structures such as stages, flakes, sheds, living quarters and other facilities associated with the early fishery on Smutynose Island. Features and structures dating to the eighteenth and nineteenth centuries also will be investigated and recorded. For more information contact: Faith Harrington, Department of New England Studies, USM, 96 Falmouth Street, Portland, ME 04103, or call the Summer Session office at (207) 780-4076.

Geology Field School—Coastal Maine
GEY 350

June 1-July 10, 1992

This is a six-week basic course in geological field methods which intends to introduce to the student the tools and practical techniques used in collecting, compiling, and analyzing geological data. Topics will include aerial geology, measurement of stratigraphic sections, and uses of the Brunton compass. One week will be spent on hydrogeology field work and one week will be spent on pleistocene geology. Director: Stephen Pollock, Ph.D., associate professor, Department of Geosciences. For more information and application, contact the Summer Session office at (207) 780-4076.

Readers Theatre Institute in London

July 5-24, 1992

The International Readers Theatre Institute provides courses for both graduates and undergraduates in readers theatre methodology. It is geared for teachers, but many different professions are frequently enrolled. The course, which will be meeting in London this year, does not require expertise in theatre. In fact, participants with little or no background in the arts are the rule rather than the exception.

Readers Theatre is a way of organizing and preparing literature, history or any other subject matter for oral presentation by more than one presenter. It is a dynamic teaching tool and is becoming recognized as such in the field of geriatrics, business, health and recreation. Readers Theatre has both artistic and utilitarian uses.

The sessions are from 8:00 a.m. to 1:00 p.m., Monday through Friday, with course related field trips to Stratford, Stonehenge, and the Medieval village of Rye. Students have the advantage of a large and highly trained faculty as well as a series of guest lecturers who have included John Geilgud, Ralph Richardson, and Diana Rigg. Courses are taught in a friendly, professional atmosphere which encourages an exciting interchange of ideas, as well as the development of valuable professional and personal relationships. A comment from a prior participant says it all: "it was one of the most exciting, educational and personal experiences of my life."

The Institute will be housed in a quiet, first-class hotel a short tube ride to the center of one of the most historically exciting cities in Europe where one can see the finest theatre in the world. For more information and an application, contact the Summer Session office at (207) 780-4076.

Sport Psychology Institute

PSY 400

June 25-27

This is a three-day institute that will examine a number of current issues in sports psychology. Topics include: 1) imagery training for sport performance enhancement; 2) arousal control strategies for athletes; 3) attention focusing for sport performance enhancement; 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

July 30-August 1

This three-day workshop will examine current issues in child mental health, including topics such as mental health principles of juvenile delinquency, mental retardation: diagnosis, etiology and treatment, child custody mediation, new developments in the etiology and treatment of obsessive-compulsive disorder in children and adolescents, long-term psycho-social development of prenatal trauma, and other 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.

Holistic Health Institute

NUR 395

July 29-31

This is a three-day intensive institute having as its main theme the pathways one journeys to discover and heal the self. A strong emphasis will be placed on the energetic interaction of body, mind, and spirit. Specific holistic healing methods will be addressed by expert practitioners in the field. The institute will provide practitioners and learners alike ample opportunity for sharing and self-discovery. Faculty: Maggie Fournier, associate professor, School of Nursing. For more information, contact Summer Session at (207) 780-4076, or write: USM, Summer Session—Holistic Health, 96 Falmouth Street, Portland, Maine 04103.

The Band Conductor's Art

MUE 599

July 27-31

This course will focus on stylistic study of scores and advanced baton and left hand techniques. Other topics will include rehearsal procedure, philosophy, and tone and intonation development. A major portion of the course will be devoted to secondary school literature selection with scores, records, and tapes provided. A reading band comprised of the course members will be utilized if the enrollment is sufficient. Director: Peter Martin, professor of music. For more information, contact the Summer Session office at (207) 780-4076.

Stonecoast Writers' Conference

Portland Campus

July 26-August 7

The Stonecoast Writers' Conference is for students, teachers, and others seriously interested in writing who seek 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.

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.

The Courses

Screenwriting/Playwriting Workshop ENG 299

This course will accommodate various levels of screenwriting and playwriting expertise. Students will learn to tell a story in purely visual terms. Workshops will also focus on the formulas and format of screenwriting and playwriting, and on pacing, dramatic tension, and character. There will also be some small group work, and a play may be chosen for a reading at the conference.* Cr. 3

Creative Nonfiction Workshop ENG 299

This is an intermediate workshop which will treat a variety of types of nonfiction ranging from the essay to the memoir. Workshops will focus on voice, style, organization, research interview techniques, and marketing completed manuscripts.* Cr. 3

Children's and Young Adults Literature Workshop ENG 299

This workshop will call upon students to see from a child's point of view. In addition to studying the unique characteristics of writing for children, workshops will also focus on the basic elements of storytelling.* Cr. 3

Fiction Workshop: 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

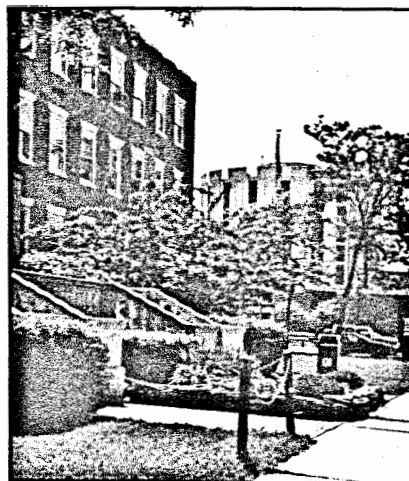
Poetry Workshop: Poems for the Reader ENG 303F

This is an 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 Workshop: Writing the Novel ENG 304

This is an intermediate course designed to be a discovery process, 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 (15-30 pages) which contains the threads of the whole book. Also, students should bring to class a one-page synopsis of the book. This workshop will be flexible enough to accommodate literary and genre fiction.* 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.

Camps

USM Day Camp

Ages: 6-13 years

Dates: June 29-August 28

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.

Southern Maine Music Academy July 11-19

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 the Department of Conferences at 874-6506.

SWISH Basketball Camp

Team Camp: July 12-17

Instructional Camp: August 2-7

Girls' Camp: June 28-July 3

The SWISH Basketball Camp provides top-quality instruction in all phases of basketball to boys and girls entering grades 6-12. 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.

STIX Field Hockey Camp
Grades 9 through 12
Dates: July 5-10

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. The camp is directed by Paula Hodgdon, head field hockey coach at USM. She is supported by a staff of outstanding high school and college coaches, as well as members of the U.S. Olympic Field Hockey Team. 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 21-26

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 Summer Soccer School
Girls Week (ages 10-17):
July 26-31
Boys' Week (ages 10-17):
July 19-24

In its 17th year, the USM Summer Soccer School has developed into one of the best soccer programs in New England. Directed by Gary Fifield, 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.

Husky Hockey Camp
Ages: 9-17
July 13-17

The objective of the Husky Hockey camp is to provide local hockey players with basic fundamental instruction that will help maximize individual ability and talent. The high level of training offered at Husky Hockey is designed to foster the development of such basic skills as skating, shooting, and passing. Off ice training will be included in the program with a concentration on off-season and in-season conditioning to improve quickness, strength, and endurance.

For more information or to register...
Day Camps, contact USM Child Care Services, 780-4125.
All Other Programs, contact Department of Conferences, 874-6506.

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, New England Studies, and statistics. For more information about any of these programs, except education and law, contact the Office of Graduate Affairs at (207) 780-4386. For more information about programs offered by the College of Education, contact the Graduate Education office 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 Honors Program, University of Southern Maine, 96 Falmouth Street, Portland, ME 04103, (207) 780-4330.

Certificate Programs

Several departments within the Division of Continuing Studies offer non-credit certificate programs for professionals in several fields. For further information, please call the telephone numbers listed below:

Community Programs (874-6500)
Certificate Program for Paralegals
Certificate Program for Personal Computer Management
Certificate Program in Conflict Management

Continuing Education for Business (874-6510)

Certificate in Management
Certificate in Human Resource Management
Certificate in Office Management
Certificate in Supervision

Continuing Education for Nursing and Health Professions (874-6550)

Certificate in Nursing Leadership and Management

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. 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, special programs, 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 division of the School of Business, Economics and Management) offers the courses necessary to obtain a real estate license in the state of Maine. The courses are designed for sales agents, associate brokers, and brokers. The Center also offers courses (for continuing education credits toward renewal of a real estate license) and other real estate related topics of interest to the general public. The Center offers appraisal courses towards licensure in the state of Maine as well as seminars, videos, and correspondence

courses in investments, property management, assessment for taxation, finance construction, and other related areas. For more information, write Center for Real Estate Education, USM, 68 High Street, Portland, ME04101 or call (207) 874-6520.



Production Technology Center

The Production Technology Center assists manufacturers with technical improvements through workshops, courses, and demonstrations of advanced manufacturing technologies. It offers noncredit technical courses on all USM campuses and, for interested companies, in-house courses. In cooperation with departments throughout the University of Maine System, noncredit technical seminars are being offered statewide on various manufacturing topics. The PTC holds numerous seminars throughout the year in cooperation with local chapters of national professional societies, such as ASQC and APICS. The Center also offers direct counseling to area manufacturers through technology assessments and direct consultation. For more information, call 780-5439.

Division of Continuing Studies

The Division of Continuing Studies is responsible for the development, coordination, and support of noncredit programming at USM. Among the units within the Division offering programs during the 1992 Summer Session are the Department of Conferences, the Department of Continuing Education for Nursing and 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. Summer programs include the annual whale watch, our Coasting Naturalist Expedition for teachers and the general public, and a variety of special events.

We also offer computer classes for all experience levels—from novice to professional. If you are unsure what kind of class you need, give us a call.

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 874-6500.

Lifeline

The USM Lifeline Center for Fitness, Recreation and Rehabilitation takes a comprehensive approach to total fitness through various exercise programs of prevention, intervention, and rehabilitation. Thousands of members of the Greater Portland community participate in a variety of activities ranging from walk/jog to cardiac rehabilitation. Programs are also offered in a variety of recreational activities.

All Lifeline activities are designed to promote positive lifestyle changes through education and exercise. Application to all programs should be made in advance. For further information, call the Lifeline Office at 780-4170.

Continuing Education for Nursing and Health Professions

The Department of Continuing Education for Nursing and Health Professions provides continuing education offerings for health professionals such as nurses, pharmacists, physical therapists, occupational therapists, dietitians, respiratory 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 874-6550.

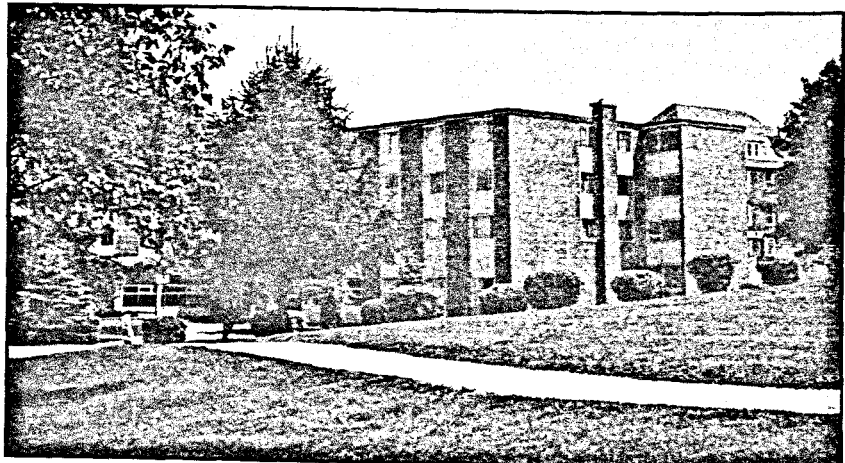
Department of Conferences

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 occasionally provides 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 off-campus wherever an appropriate meeting site can be arranged.

Each summer the Department of Conferences offers a number of camps for junior and senior high school age students. Offerings for the summer include USM Soccer School, SWISH Basketball Camp, STIX Field Hockey Camp, Southern Maine Music Academy, and Fundamental Baseball Camp. For information about these and other conference services at USM, please call 874-6506.

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, 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 874-6510.



Course Schedule

Session Dates

Session 1	May 11–June 26 (7 weeks)
Session 2	May 11–June 5 (4 weeks)
Session 3	June 22–July 31 (6 weeks)
Session 4	June 29–August 14 (7 weeks)
Session 5	July 13–August 7 (4 weeks)
Session 6	Variable

Holidays

- May 25 (Memorial Day)
- July 3 (Independence Day celebrated)

Schedule Legend

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

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

Note: Course Reference Number (CRN) contains the location and session of course (ex. G1222 = Gorham course, session 1).

PAYS = Payson Smith Hall; BAIL = Bailey Hall; LB = Luther Bonney Hall; RA = Robie/Andrews Basement; ACAD = Academy Building; SCI = Science Building; GYMP = Portland Gymnasium; IEDC = Industrial Education Center; CORT = Cortell Hall; GYM = Hill Gymnasium; RUSS = Russell Hall; LAW = Law School Building.



 * CLASSROOM ASSIGNMENTS WILL BE FOUND ON THE SCHEDULE CONFIRMATION *
 * FORMS GIVEN TO STUDENTS AT THE TIME OF REGISTRATION. *

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
COLLEGE OF ARTS AND SCIENCES									
ART		MICHAEL MOORE		7		ROBIE-ANDREWS HALL		(780-5460)	
G6222	AED 412	LEC	ART CRITICISM IN SCHOOLS	AS	3.0	9:00- 3:00P	MTWTH	JANOFF, BARBARA H	6
THIS COURSE MEETS JULY 6 - JULY 16.									
P1223	ARH 111G	LEC	ART HIST:PREHIST TO MEDIEVA	AS	3.0	7:00- 9:40P	TTH	STIMPSON, LINDA	1
P4224	ARH 112G	LEC	RENAISSANCE THROUGH 20TH CE	AS	3.0	7:00- 9:40P	MW	ANDERSON, PATRICIA	4
P2225	ART 101G	LEC	APPROACHES TO ART	AS	3.0	8:15-11:30A	MTW	CODY, ROBIN	2
G6226	ART 231	STU	CERAMICS	AS	3.0	8:30- 4:30P	MTW	CYR, ELAINE J	6
THIS COURSE MEETS JUNE 22-JULY 15. ADD'L COURSE FEE:\$7.50.									
P6227	ART 259	STU	LANDSCAPE DRAWING	AS	3.0	8:30- 4:30P	MTWTHFS	BURK, GEORGE	6
THIS COURSE MEETS JULY 27 - AUGUST 8.									
P6228	ART 269	STU	LANDSCAPE PAINTING	AS	3.0	8:30- 4:30P	MTWTH	RAKOVAN, LAWRENCE F	6
THIS COURSE MEETS JUNE 8 - JUNE 25.									
G2229	ART 271	STU	PHOTOGRAPHY	AS	3.0	8:30- 4:30P	MTW	MEYERS, BERNARD C	2
THIS COURSE HAS A COURSE FEE OF \$7.50.									
P6232	ART 363	STU	WATERCOLOR	AS	3.0	8:30- 4:30P	MTWTH	BEARCE, JEANA	6
THIS COURSE MEETS JUNE 8 - JUNE 25.									
ARTS AND SCIENCES		MAURICE CHABOT		235		SCIENCE BUILDING		(780-4247)	
P1001	ARS 123	LEC	TOPICS IN HUMAN SEXUALITY	AS	3.0	7:00- 9:40P	TTH	MAZER, RONALD S	1
BIOLOGY		LOUIS GAINEY		306		SCIENCE BUILDING		(780-4264)	
THE FOLLOWING COURSES HAVE A COURSE FEE OF \$5.00: 102K, 106K, 212, 282, 291 AND 441.									
P1037	BIO 101K	LEC	BIOLOGICAL FOUNDATIONS	AS	3.0	10:00-12:40P	MW	MAZURKIEWICZ, MICHA	1
INTENDED FOR STUDENTS SEEKING TO SATISFY THE CORE CURRICULUM.									
P1038	BIO 102K	LAB	BIOLOGICAL EXPERIENCES	AS	1.0	1:30- 3:20P	MW	FINK, ELAINE	1
INTENDED FOR STUDENTS SEEKING TO SATISFY THE CORE CURRICULUM.									
P1027	BIO 105K	LEC	BIOLOGICAL PRINCIPLES I	AS	3.0	10:00-12:40P	TTH	GAINEY, LOUIS F	1
P1028	BIO 106K	LAB	LABORATORY BIOLOGY I	AS	1.5	1:30- 4:20P	TTH	KNIGHT, THOMAS	1
P1029	BIO 106K	LAB	LABORATORY BIOLOGY I	AS	1.5	6:00- 8:50P	TTH	BONANG, CLAUDE B	1
P1041	BIO 111	LEC	HUMAN ANAT & PHYSIOLOGY I	AS	3.0	9:30-11:20A	TWTH	TICHENOR, LINDA	1
P4030	BIO 211	LEC	HUMAN ANAT & PHYSIOLOGY II	AS	3.0	9:30-11:20A	TWTH	TICHENOR, LINDA	4
P4031	BIO 212	LAB	PRAC ANAT & PHYSIOLOGY	AS	1.5	12:30- 3:20P	TTH	TICHENOR, LINDA	4
P4032	BIO 212	LAB	PRAC ANAT & PHYSIOLOGY	AS	1.5	12:30- 3:20P	MW	TICHENOR, LINDA	4
P1033	BIO 281	LEC	MICROBIOLOGY & HUMAN DISEAS	AS	3.0	8:15-11:30A	MW	NAJARIAN, HAIG H	1
P1034	BIO 282	LAB	MICROBIOLOGY & HUMAN DISEAS	AS	2.0	8:15-12:30P	TTH	NAJARIAN, HAIG H	1
P1039	BIO 291	LEC	ORNITHOLOGY	AS	3.0	4:00- 6:40P	MW	RICIPUTI, REMO H	1
P1040	BIO 292	LAB	ORNITHOLOGY LABORATORY	AS	1.0	4:00- 6:40P	TTH	RICIPUTI, REMO H	1
P1035	BIO 345	LEC	PATHOPHYSIOLOGY	AS	3.0	9:00-11:40A	TTH	O'MAHOONEY-DAMON, PA	1
P6036	BIO 441	IND	PROBLEMS IN BIOLOGY	AS	VAR			TBA	6

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
CHEMISTRY			JOHN RICCI		370 SCIENCE BUILDING (780-4736)				
CHY 104 AND 116 HAVE A COURSE FEE OF \$7.50.									
P1002	CHY 101K	LEC	INTRO TO CHEMISTRY	AS	3.0	6:00- 8:40P	MM	TBA	1
P4003	CHY 103	LEC	INTRO ORGANIC BIOCHEM	AS	3.0	6:00- 8:40P	MM	TBA	4
G4004	CHY 104	LAB	INTRO ORGANIC BIOCHEM LAB	AS	1.0	5:00- 6:00P	TTH	TBA	4
G4005	CHY 104	LAB	INTRO ORGANIC BIOCHEM LAB	AS	1.0	6:00- 8:00P	TTH	TBA	4
						1:00- 2:00P	TTH		
						2:00- 4:00P	TTH		
P1006	CHY 115	LEC	PRINCIPLES CHEMISTRY II	AS	3.0	5:30- 8:10P	TTH	TBA	1
P1007	CHY 116	LAB	LABORATORY TECHNIQUES II	AS	1.0	1:00- 2:00P	MM	TBA	1
						2:00- 4:00P	MM		
P1023	CHY 116	LAB	LABORATORY TECHNIQUES II	AS	1.0	5:30- 6:30P	MM	TBA	1
						6:30- 8:30P	MM		
P6008	CHY 411	LEC	SPECIAL TOPICS	AS	VAR			RHODES, W GALE	6
P6009	CHY 412	LEC	SPECIAL TOPICS	AS	VAR			RICCI, JOHN S	6
P6010	CHY 413	LEC	SPECIAL TOPICS	AS	VAR			GORDON, NANCY R	6
P6011	CHY 416	LEC	SPECIAL TOPICS	AS	VAR			NEWTON, THOMAS A	6
COMMUNICATION			RUSSELL KIVATISKY		218C BAILEY HALL (780-5035)				
P2206	COM 102J	LEC	INTRO TO COMMUNICATION	AS	3.0	8:15-11:30A	MTW	WEST, RICHARD	2
P2207	COM 102J	LEC	INTRO TO COMMUNICATION	AS	3.0	12:30- 3:45P	MTW	KIVATISKY, RUSSELL	2
P3218	COM 280	LEC	MASS MEDIA&HUMAN INTERACTIO	AS	3.0	8:15-11:30A	TTH	LOCKRIDGE, REBECCA	3
P2208	COM 284	LEC	INTRO TO FILM	AS	3.0	12:30- 3:45P	MTW	LASKY, KATHRYN	2
P5209	COM 284	LEC	INTRO TO FILM	AS	3.0	4:00- 7:15P	MTW	LASKY, KATHRYN	5
P1220	COM 300	LEC	RESEARCH METHODS IN COMM	AS	3.0	4:00- 6:40P	TTH	WEST, RICHARD	1
P2210	COM 340	LEC	SMALL GROUP COMMUNICATION	AS	3.0	8:15-11:30A	MTW	KIVATISKY, RUSSELL	2
X6211	COM 370	LEC	ADV ORAL INTERPRETATION	AS	3.0			TBA	6
			PART OF READERS THEATRE INSTITUTE IN LONDON. THIS IS A FEE COURSE. THIS COURSE MEETS JULY 5-24. CONTACT SUMMER SESSION AT 780-4076.						
X6212	COM 371	LEC	READERS THEATRE	AS	3.0			TBA	6
			PART OF READERS THEATRE INSTITUTE IN LONDON. THIS IS A FEE COURSE. THIS COURSE MEETS JULY 5-24. CONTACT SUMMER SESSION AT 780-4076.						
P2221	COM 399	LEC	MEDIA & SOCIAL CHANGE	AS	3.0	8:15-11:30A	MTW	NYHAN, PAT	2
P5219	COM 399	LEC	FAMILY/MARITAL COMMUNICATIO	AS	3.0	8:15-11:30A	MTW	WEST, RICHARD	5
P6213	COM 430	PRA	COMMUNICATION INTNSP (MGT/P	AS	VAR			KIVATISKY, RUSSELL	6
P6214	COM 430	PRA	COMMUNICATION INTRNSP-MEDIA	AS	VAR			LASKY, KATHRYN	6
P3215	COM 484	LEC	WOMEN IN FILM	AS	3.0	12:30- 3:45P	MM	LOCKRIDGE, REBECCA	3
P1216	COM 485	LEC	SEX DIFFERENCES	AS	3.0	4:00- 6:40P	MM	SHEDLETSKY, LEONARD	1
P1217	COM 485	LEC	SEX DIFFERENCES	AS	3.0	4:00- 6:40P	TTH	SHEDLETSKY, LEONARD	1
CORE CURRICULUM			MARTIN ROGOFF		100 PAYSON SMITH HALL (780-4586)				
P6184	COR 119F	LEC	ILLUMINATED AUTOBIOGRAPHY	AS	3.0	8:30-12:45P	MTWTHF	GILBERT, DENNIS C	6
			THIS COURSE MEETS JUNE 15 - JUNE 26.						
P1432	COR 122I	LEC	INTRO:ISLAMIC CIVILIZATION	AS	3.0	9:00-11:40A	MM	FAKSH, MAHMUD A	1
P3186	COR 124J	LEC	POVERTY IN THE U.S.A.	AS	3.0	4:00- 7:15P	MM	ANSPACH, DONALD F	3
G1185	COR 126J	LEC	GLOBAL ENLIGHTENMENT	AS	3.0	7:00- 9:40P	TTH	NANNAY, ROBERT W	1
ENGLISH			THOMAS CARPER		3D LUTHER BONNEY HALL (780-4092)				
P1042	ENG 100C	LEC	COLLEGE WRITING	AS	3.0	4:00- 6:40P	TTH	MCGRATH, FRANCIS C	1
P4044	ENG 100C	LEC	COLLEGE WRITING	AS	3.0	4:00- 6:40P	TTH	RIESENBERG, ELAINE	4
P1045	ENG 110E	LEC	TECHNIQUES OF PERSUASION	AS	3.0	7:00- 9:40P	MM	HANNA, JOHN G	1
P1046	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	7:00- 9:40P	TTH	MILLIKEN, ROBERT A	1
P2047	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	8:15-11:30A	MTW	CALDWELL, JEAN M	2
P4048	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	7:00- 9:40P	TTH	SELKIN, MICHAEL	4
P5049	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	8:15-11:30A	MTW	CARROLL, LORRAYNE A	5
P3050	ENG 150	LEC	LITERATURE INTO FILM	AS	3.0	12:30- 3:45P	TTH	CHEBOWICZ, JOHN	3
P1051	ENG 201F	LEC	CREATIVE WRITING	AS	3.0	7:00- 9:40P	TTH	HOPE-MCGRATH, BARBA	1
P3052	ENG 201F	LEC	CREATIVE WRITING	AS	3.0	8:15-11:30A	MM	SHOLL, ELIZABETH	3
P4060	ENG 299	LEC	MAGAZINE FEATURE WRITING	AS	3.0	7:00- 9:40P	MM	LOVELL, JOHN	4
P1191	ENG 301F	LEC	POETRY WRITING	AS	3.0	7:00- 9:40P	MM	ROSEN, KENNETH F	1
P1064	ENG 302F	LEC	FICTION WRITING & WORKSHOP	AS	3.0	4:00- 6:40P	TTH	BENEDICT, DIANNE	1
P4056	ENG 302F	LEC	FICTION WRITING & WORKSHOP	AS	3.0	7:00- 9:40P	TTH	BENEDICT, DIANNE	4
P4043	ENG 316	LEC	BIBLE AS LITERATURE	AS	3.0	4:00- 6:40P	TTH	SELKIN, MICHAEL	4
P1062	ENG 327	LEC	MODERN SHORT STORY	AS	3.0	7:00- 9:40P	TTH	ROSEN, KENNETH F	1
P1061	ENG 389	LEC	WRITERS OF MAINE	AS	3.0	4:00- 6:40P	MM	JAQUES, JOHN F	1
P1063	ENG 395	LEC	ANGLO-IRISH LITERATURE	AS	3.0	7:00- 9:40P	TTH	MCGRATH, FRANCIS C	1
THE FOLLOWING COURSES ARE PART OF THE STONECOAST WRITERS' CONFERENCE. THESE COURSES MEET JULY 26-AUGUST 7. THESE ARE FEE COURSES. CONTACT SUMMER SESSION AT 780-4076.									
P6053	ENG 299	LEC	CREATIVE NON-FICTION WORKSH	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
P6054	ENG 299	LEC	CHILDREN'S FICTION WORKSHOP	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
P6065	ENG 299	LEC	SCREENWRT/PLAYWRITING WKSH	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
P6055	ENG 300F	LEC	FICTION WRKSH:SHORT STORY	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
P6057	ENG 302F	LEC	DEVELOPING FICTION WORKSHOP	AS	3.0	9:30-12:15P	MTWTHF	TBA	6

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
P6058	ENG 303F	LEC	POETRY WORKSHOP	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
P6059	ENG 304	LEC	WRITING THE CONTEMP NOVEL	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
FOREIGN LANGUAGES & CLASSICS			LUCIA DIBENEDETTO		55 EXETER STREET (780-4337)				
P2066	CLA 284H	LEC	TRAGIC HERO	AS	3.0	8:15-11:30A	MTW	DUCLOS, GLORIA S	2
P6067	CLA 470	IND	INDEPENDENT STUDY	AS	VAR			DUCLOS, GLORIA S	6
ANY STUDENTS TAKING FRE 107I, FRE 207I, GER 107I, SPA 107I, OR SPA 207I MUST REGISTER FOR BOTH THE LECTURE AND THE LAB.									
P3068	FRE 107I	LEC	INTENSIVE BEGIN FRENCH	AS	6.0	9:30-12:45P	MTWTHF	DIBENEDETTO, LUCIA	3
P3069	FRE 107I	LAB	INTENSIVE BEGIN FRENCH	AS	2.0	8:30- 9:15A	MTWTHF	DIBENEDETTO, LUCIA	3
P3070	FRE 207I	LAB	INTENSIVE INTERM FRENCH	AS	6.0	9:30-12:45P	MTWTHF	SILVER, MARIE J	3
P3071	FRE 207I	LAB	INTENSIVE INTERM FRENCH	AS	2.0	8:30- 9:15A	MTWTHF	SILVER, MARIE J	3
P3072	GER 107I	LEC	INTENSIVE BEGIN GERMAN	AS	6.0	9:30-12:45P	MTWTHF	REGLER-DANIELS, MAR	3
P3073	GER 107I	LAB	INTENSIVE BEGIN GERMAN	AS	2.0	8:30- 9:15A	MTWTHF	REGLER-DANIELS, MAR	3
P3074	SPA 107I	LEC	INTENSIVE BEGIN SPANISH	AS	6.0	9:30-12:45P	MTWTHF	KINSELLA, JOHN M	3
P3075	SPA 107I	LAB	INTENSIVE BEGIN SPANISH	AS	2.0	8:30- 9:15A	MTWTHF	KINSELLA, JOHN M	3
P3076	SPA 207I	LEC	INTENSIVE INTERM SPANISH	AS	6.0	8:15-11:30A	MTWTHF	SUSCAVAGE, CHARLENE	3
P3077	SPA 207I	LAB	INTENSIVE INTERM SPANISH	AS	2.0	11:45-12:30P	MTWTHF	SUSCAVAGE, CHARLENE	3
P3078	SPA 281H	LEC	SPAN AMER LIT IN TRANSLATIO	AS	3.0	5:30- 8:10P	MW	WESTON, GILLIAN	3
THIS COURSE IS CONDUCTED IN ENGLISH.									
P6079	SPA 301	LEC	PRACT IN CONVERSATION I	AS	3.0	8:15-11:30A	MTWTHF	TAYLOR, KAREN D	6
THIS COURSE MEETS JUNE 22 - JULY 10.									
GEOGRAPHY & ANTHROPOLOGY			DIANA CRADER		300D BAILEY HALL (780-5061)				
P3192	GEO 199	LEC	INTERNATIONAL GEOGRAPHY	AS	3.0	6:00- 9:15P	TTH	URSLIA, THOMAS	3
P6196	GEO 299	LEC	GEOG PERSPEC.-FORMER U.S.S.	AS	3.0	6:00- 9:15P	MW	URSLIA, THOMAS	6
THIS COURSE MEETS JUNE 29 - AUGUST 5.									
X6193	GYA 300	FIE	ARCH FLD SCHOOL-WEST INDIES	AS	6.0	7:00- 4:00P	MTWTHF	DAVIS, DAVE D	6
THIS COURSE MEETS JUNE 10 - JULY 8. THIS IS A FEE COURSE.									
CONTACT SUMMER SESSION AT 780-4076.									
G6194	GYA 350	PRA	INTERNSHIP IN GEOG-ANY	AS	VAR			TBA	6
X6195	GYA 499	FIE	HISTORICAL ARCHAEOLOGY	AS	3.0	7:00- 4:00P	MTWTHF	HARRINGTON, FAITH	6
THIS COURSE MEETS AUGUST 3 - AUGUST 15. THIS IS A FEE COURSE.									
CONTACT SUMMER SESSION AT 780-4076.									
X6449	GYA 499	FIE	HISTORICAL ARCHAEOLOGY	AS	6.0	7:00- 4:00P	MTWTHF	HARRINGTON, FAITH	6
THIS COURSE MEETS AUGUST 3 - 29. THIS IS A FEE COURSE.									
CONTACT SUMMER SESSION AT 780-4076.									
GEOSCIENCES			STEPHEN POLLOCK		311C BAILEY HALL (780-5353)				
GEY 112K AND OCE 101K HAVE A COURSE FEE OF \$5.00.									
P1012	GEY 111K	LEC	PHYSICAL GEOLOGY	AS	3.0	7:00- 9:40P	TTH	NOVAK, IRWIN D	1
P1013	GEY 112K	LAB	PHYSICAL GEOLOGY LAB	AS	1.0	4:00- 6:00P	TTH	POLLOCK, STEPHEN G	1
G6024	GEY 350	FIE	GEOLOGICAL FIELD METHODS	AS	6.0	8:30- 5:00P	MTWTHF	POLLOCK, STEPHEN G	6
THIS COURSE MEETS JUNE 1 - JULY 10. THIS IS A FEE COURSE.									
CONTACT SUMMER SESSION AT 780-4076.									
G2014	OCE 100K	LEC	INTRO TO OCEANOGRAPHY	AS	3.0	8:15-11:30A	MTW	VOSE, MARGARET E	2
G4015	OCE 100K	LEC	INTRO TO OCEANOGRAPHY	AS	3.0	4:00- 6:40P	MW	NAIDEN, PETER C	4
G2016	OCE 101K	LAB	OCEANOGRAPHY LAB	AS	1.0	12:30- 3:45P	MTW	VOSE, MARGARET E	2
G4017	OCE 101K	LAB	OCEANOGRAPHY LAB	AS	1.0	7:00- 9:00P	MW	NAIDEN, PETER C	4
HISTORY			PARKER ALBEE		414 LUTHER BONNEY HALL (780-4284)				
P1080	HTY 101I	LEC	WESTERN CIVILIZATION I	AS	3.0	7:00- 9:40P	TTH	COLE, PHILLIP A	1
P3081	HTY 101I	LEC	WESTERN CIVILIZATION I	AS	3.0	8:15-11:30A	TTH	JOHNSON, GARY	3
P4082	HTY 102I	LEC	WESTERN CIVILIZATION II	AS	3.0	7:00- 9:40P	TTH	COLE, PHILLIP A	4
P1083	HTY 131I	LEC	U.S. HISTORY TO 1877	AS	3.0	7:00- 9:40P	MW	WHITMORE, ALLAN R	1
P2084	HTY 131I	LEC	U.S. HISTORY TO 1877	AS	3.0	12:30- 3:45P	MTW	BARNES, DIANE NEWSO	2
P4085	HTY 132I	LEC	U.S. HISTORY SINCE 1877	AS	3.0	7:00- 9:40P	MW	WHITMORE, ALLAN R	4
P1090	HTY 152I	LEC	THE ISLAMIC NEAR EAST	AS	3.0	9:00-11:40A	TTH	JOHNSON, GARY	1
P1086	HTY 200	LEC	REF,RESEARCH & WRITING	AS	3.0	4:00- 6:40P	MW	SCHLEH, EUGENE P A	1
P2087	HTY 356	LEC	CIVIL WAR & RECONSTRUCTION	AS	3.0	8:15-11:30A	MTW	HUNT, H DRAPER	2
P2088	HTY 360	LEC	HISTORY OF MAINE	AS	3.0	8:15-11:30A	MTW	YORK, ROBERT M	2
P1094	HTY 361	LEC	AMERICAN FRONTIER	AS	3.0	4:00- 6:40P	MW	BARNES, DIANE NEWSO	1
P1089	HTY 394	LEC	JUDAISM,CHRISTIANITY & ISLA	AS	3.0	7:00- 9:40P	MW	JOHNSON, GARY	1
P6091	HTY 399	LEC	THE VIETNAM WAR	AS	3.0	6:00- 9:30P	TTH	GOLDSTEIN, JONATHAN	6
THIS COURSE MEETS JULY 14-AUGUST 13.									
P6095	HTY 399	LEC	COMP. BRAZILIAN & US HISTOR	AS	3.0	6:00- 9:30P	MW	NARD, NANCY	6
THIS COURSE MEETS JULY 13 - AUGUST 14.									
P6092	HTY 434	LEC	MAINE HISTORY AND TRAVEL	AS	3.0			YORK, ROBERT M	6
THIS COURSE MEETS JUNE 22,26,JULY 10,17 1-5PM; JUNE 27, JULY 11, 18, 8:30AM-5:00PM.									
P6093	HTY 534	LEC	MAINE HISTORY AND TRAVEL	AS	3.0			YORK, ROBERT M	6
THIS COURSE MEETS JUNE 22, 26, JULY 10, 17, 1-5PM; JUNE 27, JULY 11, 18, 8:30AM-5:00PM.									

LOC/ CRN	COURSE	TPY	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
LINGUISTICS									
				WAYNE COWART		59 EXETER STREET		(780-4477)	
P1205	LIN 201J	LEC	CHILD LANGUAGE	AS	3.0	4:00- 6:40P	MW	MCDANIEL, DANA	1
P4206	LIN 201J	LEC	CHILD LANGUAGE	AS	3.0	4:00- 6:40P	MW	MCDANIEL, DANA	4
MATHEMATICS									
				JOEL IRISH		115 BAILEY HALL		(780-5360)	
G1096	MAC 234	LEC	COMP PROG FOR ELEM MAJORS	AS	3.0	7:00- 9:40P	MW	KRATZER, RICHARD O	1
P1097	MAT 010	LEC	ELEMENTARY ALGEBRA	AS	3.0	4:00- 6:40P	TTH	IRISH, JOEL W	1
P4098	MAT 010	LEC	ELEMENTARY ALGEBRA	AS	3.0	7:00- 9:40P	TTH	SOYCHAK, ANTHONY G	4
P1099	MAT 011B	LEC	INTERMEDIATE ALGEBRA	AS	3.0	7:00- 9:40P	TTH	IRISH, JOEL W	1
P4100	MAT 011B	LEC	INTERMEDIATE ALGEBRA	AS	3.0	4:00- 6:40P	MW	SMALL, RALPH D	4
TO ENROLL IN A 100-LEVEL, D-DESIGNATED COURSE, SUCCESSFUL COMPLETION OF THE UNIVERSITY'S MATHEMATICS PROFICIENCY IS REQUIRED.									
P1102	MAT 100D	LEC	COLLEGE ALGEBRA	AS	3.0	4:00- 6:40P	TTH	KRATZER, RICHARD O	1
P3103	MAT 100D	LEC	COLLEGE ALGEBRA	AS	3.0	8:15-11:30A	MW	MAINVILLE, WALDECK	3
P4101	MAT 100D	LEC	COLLEGE ALGEBRA	AS	3.0	7:00- 9:40P	TTH	ESTES, ROBERT A	4
P1105	MAT 105D	LEC	MATH FOR QUANT DEC MAKING	AS	3.0	4:00- 6:40P	TTH	NARANG, KAMAL	1
P4104	MAT 105D	LEC	MATH FOR QUANT DEC MAKING	AS	3.0	4:00- 6:40P	TTH	ESTES, ROBERT A	4
P1106	MAT 110D	LEC	BUSINESS CALCULUS	AS	3.0	7:00- 9:40P	TTH	GUAY, MERLE D	1
P3107	MAT 110D	LEC	BUSINESS CALCULUS	AS	3.0	8:15-11:30A	TTH	MAINVILLE, WALDECK	3
P1109	MAT 120D	LEC	INTRO TO STATISTICS	AS	3.0	4:00- 6:40P	MW	EL-TAHA, MUHAMMAD A	1
P2110	MAT 120D	LEC	INTRO TO STATISTICS	AS	3.0	8:15-11:30A	MTW	ROGERS, PAUL C	2
P4108	MAT 120D	LEC	INTRO TO STATISTICS	AS	3.0	7:00- 9:40P	MW	GUPTA, SAT N	4
P1111	MAT 140D	LEC	PRE-CALCULUS MATHEMATICS	AS	3.0	4:00- 6:40P	TTH	GUAY, MERLE D	1
P4112	MAT 140D	LEC	PRE-CALCULUS MATHEMATICS	AS	3.0	4:00- 6:40P	MW	MACDONALD, STEPHEN	4
P1113	MAT 152D	LEC	CALCULUS A	AS	4.0	8:15-10:30A	MTWTH	BROWN, WILLIAM A	1
P4114	MAT 153	LEC	CALCULUS B	AS	4.0	7:00- 9:15P	MWTH	MACDONALD, STEPHEN	4
P1115	MAT 211	LEC	PROBABILITY	AS	3.0	4:00- 6:40P	MW	GUPTA, BHISHAM C	1
P2117	MAT 211	LEC	PROBABILITY	AS	3.0	8:15-11:30A	MTW	EL-TAHA, MUHAMMAD A	2
P4116	MAT 211	LEC	PROBABILITY	AS	3.0	4:00- 6:40P	MW	GUPTA, SAT N	4
P1118	MAT 212	LEC	STATISTICS	AS	3.0	7:00- 9:40P	TTH	GUPTA, BHISHAM C	1
P4119	MAT 212	LEC	STATISTICS	AS	3.0	7:00- 9:40P	MW	UDDIN, NIZAM	4
G4120	MAT 231	LEC	ALGEBRA FOR ELEM TEACHERS	AS	3.0	7:00- 9:40P	MW	SOYCHAK, ANTHONY G	4
P1121	MAT 252	LEC	CALCULUS C	AS	4.0	7:00- 9:15P	MTTH	NARANG, KAMAL	1
P4122	MAT 381	LEC	INTRO PROBABILITY & STATIST	AS	4.0	4:00- 6:15P	MWTH	UDDIN, NIZAM	4
P6123	MME 513	LEC	LAB:PROJ ASPIRE CALCULUS	AS	3.0	10:15-12:15P	MTTHF	CHABOT, MAURICE J	6
THIS COURSE MEETS JULY 6 - JULY 31.									
P6124	MME 519	LEC	TEACH CALCULUS IN SEC SCH	AS	3.0	8:00-10:00A	MTTHF	CHABOT, MAURICE J	6
THIS COURSE MEETS JULY 6 - JULY 31.									
MUSIC									
				RONALD COLE		102 CORTHELL HALL		(780-5267)	
G6197	MUE 521	LEC	MUSIC FOR EXCEPT LEARNERS	AS	3.0	9:00- 4:30P	MTWTHF	ATTERBURY, BETTY W	6
THIS COURSE MEETS JUNE 22 - JUNE 30.									
G6200	MUE 599	LEC	THE BAND CONDUCTOR'S ART	AS	3.0	9:00- 5:00P	MTWTHF	MARTIN, PETER J	6
THIS COURSE MEETS JULY 27 - JULY 31.									
P4198	MUS 100G	LEC	MUSIC APPREC AND HISTORY	AS	3.0	7:00- 9:40P	MW	COLE, RONALD F	4
G2240	MUS 103G	LEC	INTRODUCTION TO JAZZ	AS	3.0	12:30- 3:45P	MTW	REEVES, SCOTT D	2
P1199	MUS 110F	LEC	FUNDAMENTALS OF MUSIC	AS	3.0	7:00- 9:40P	TTH	MARTIN, PETER J	1
NEW ENGLAND STUDIES									
				JOSEPH CONFORTI		11 GRANITE STREET		(780-4920)	
ALL STUDENTS WHO HAVE NOT BEEN ACCEPTED INTO THE NEW ENGLAND STUDIES PROGRAM MUST HAVE WRITTEN PERMISSION FROM THE DIRECTOR BEFORE TAKING ANY NEW ENGLAND STUDIES COURSE.									
P1018	NES 640	LEC	THE TOURIST'S NEW ENGLAND	AS	3.0	7:00- 9:40P	MW	CONFORTI, JOSEPH A	1
P4019	NES 656	LEC	THE NEW ENGLAND ECONOMY	AS	3.0	7:00- 9:40P	MW	EASTMAN, JOEL W	4
P6025	NES 690	IND	PROJECT I	AS	VAR			TBA	6
P6026	NES 695	THE	THESIS	AS	VAR			TBA	6
PHILOSOPHY									
				JULIEN MURPHY		47 EXETER STREET		(780-4229)	
P1201	PHI 106E	LEC	INTRO:WHY PHILOSOPHIZE ?	AS	3.0	4:00- 6:40P	MW	TOUGAS, CECILE	1
P2202	PHI 109E	LEC	LAW POLITICS AND SOCIETY	AS	3.0	8:15-11:30A	MTW	BIGGIE, DENNIS	2
P2204	PHI 109E	LEC	LAW POLITICS AND SOCIETY	AS	3.0	12:30- 3:45P	MTW	BIGGIE, DENNIS	2
P2203	PHI 221	LEC	PHILOSOPHY OF FILM	AS	3.0	5:00- 8:15P	MTW	WININGER, KATHLEEN	2
PHYSICS									
				ROBERT COAKLEY		254 SCIENCE BUILDING		(780-4733)	
P1133	AST 100K	LEC	ASTRONOMY	AS	3.0	7:00- 9:40P	MW	LASALA, GERALD J	1
P1134	AST 103K	LAB	ASTRONOMY:EXERCISES & EXPER	AS	1.0	7:00- 9:40P	TH	LASALA, GERALD J	1
P1125	PHY 111K	LEC	ELEMENTS OF PHYSICS I	AS	4.0	8:30-11:15A	MW	LASALA, GERALD J	1
P1126	PHY 111K	LAB	ELEMENTS OF PHYSICS I	AS	0.0	8:30-11:30A	T	LASALA, GERALD J	1
P1127	PHY 111K	LAB	ELEMENTS OF PHYSICS I	AS	0.0	12:30- 3:30P	T	LASALA, GERALD J	1
P1128	PHY 111K	REC	ELEMENTS OF PHYSICS I	AS	0.0	8:30-11:15A	TH	LASALA, GERALD J	1
P4129	PHY 112	LEC	ELEMENTS OF PHYSICS II	AS	4.0	8:30-11:15A	MW	COAKLEY, ROBERT W	4
P4130	PHY 112	LAB	ELEMENTS OF PHYSICS II	AS	0.0	8:30-11:30A	T	COAKLEY, ROBERT W	4

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
P4131	PHY 112	LAB	ELEMENTS OF PHYSICS II	AS	0.0	12:30- 3:30P	T	COAKLEY, ROBERT W	4
P4132	PHY 112	REC	ELEMENTS OF PHYSICS II	AS	0.0	8:30-11:15A	TH	COAKLEY, ROBERT W	4
POLITICAL SCIENCE			RICHARD MAIMAN		126 BEDFORD STREET		(780-4191)		
P5135	POS 101J	LEC	INTRO TO AMER GOVERNMENT	AS	3.0	12:30- 3:45P	MTW	HAMILTON, MICHAEL S	5
P2136	POS 102J	LEC	PEOPLE AND POLITICS	AS	3.0	8:15-11:30A	MTW	MAIMAN, RICHARD J	2
P1137	POS 256	LEC	MEDIA AND POLITICS	AS	3.0	7:00- 9:40P	TTH	WOSHINSKY, OLIVER H	1
PSYCHOLOGY			JOSEPH HEARNS		514 SCIENCE BUILDING		(780-4252)		
P1142	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	7:00- 9:40P	TTH	SYTSMA, DONALD	1
P2141	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	8:15-11:30A	MTW	SYTSMA, DONALD	2
P3144	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	8:15-11:30A	MW	BROWN, SCOTT W	3
P5143	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	8:15-11:30A	MTW	HEARNS, JOSEPH F	5
P1145	PSY 102	LEC	GENERAL PSYCHOLOGY II	AS	3.0	4:00- 6:40P	MW	GAYTON, WILLIAM F	1
P4155	PSY 205	LEC	EXPERIMENTAL METHODOLOGY	AS	3.0	4:00- 5:20P	MTWTH	BROIDA, JOHN P	4
STUDENTS ENROLLING IN THIS COURSE MUST ALSO ENROLL IN PSY 206.									
P4156	PSY 206	LAB	METHODS LAB	AS	1.0	8:00- 9:00A	MTWTH	BROIDA, JOHN P	4
P4157	PSY 206	LAB	METHODS LAB	AS	1.0	9:00-10:00A	MTWTH	BROIDA, JOHN P	4
P4158	PSY 206	LAB	METHODS LAB	AS	1.0	10:00-11:00A	MTWTH	BROIDA, JOHN P	4
P2146	PSY 330	LEC	SOCIAL PSYCHOLOGY	AS	3.0	12:30- 3:45P	MTW	THORNTON, WILLIAM	2
P1147	PSY 333	LEC	PSYCHOPATHOLOGY	AS	3.0	4:00- 6:40P	TTH	GAYTON, WILLIAM F	1
P2148	PSY 361	LEC	SENSATION & PERCEPTION	AS	3.0	8:15-11:30A	MTW	HEARNS, JOSEPH F	2
P6149	PSY 400	LEC	SPORT PSYCHOLOGY	AS	3.0	9:00- 4:30P	THFS	GAYTON, WILLIAM F	6
THIS COURSE MEETS JUNE 25-27. THIS IS A FEE COURSE CONTACT W. GAYTON AT 780-4251.									
P6150	PSY 400	LEC	CHILDHOOD PSYCHOPATHOLOGY	AS	3.0	9:00- 4:30P	THFS	GAYTON, WILLIAM F	6
THIS COURSE MEETS JULY 30 - AUGUST 1. THIS IS A FEE COURSE. CONTACT W. GAYTON AT 780-4251.									
P6151	PSY 400	LEC	INDEPENDENT STUDY	AS	VAR			GAYTON, WILLIAM F	6
P6152	PSY 400	LEC	INDEPENDENT STUDY	AS	VAR			BROIDA, JOHN P	6
P6153	PSY 400	LEC	INDEPENDENT STUDY	AS	VAR			THORNTON, WILLIAM	6
P6154	PSY 401	IND	INDEPENDENT STUDY	AS	VAR			GAYTON, WILLIAM F	6
SOCIAL WORK			VINCENT FAHERTY		319 MASTERTON HALL		(780-4120)		
P2170	SWO 101J	LEC	INTRO TO SOCIAL WELFARE	AS	3.0	12:30- 3:45P	MTW	WAGNER, DAVID	2
P6171	SWO 397	IND	INDEPENDENT STUDY	AS	VAR			FAHERTY, VINCENT E	6
P2447	SWO 433	LEC	SOCIAL WORK RESEARCH	AS	3.0	12:30- 3:45P	MTW	FAHERTY, VINCENT E	2
SOCIOLOGY AND CRIMINOLOGY			DAVID FULLAM		120 BEDFORD STREET		(780-4100)		
P2158	CRM 215J	LEC	CRIMINOLOGY	AS	3.0	8:15-11:30A	MTW	ANSPACH, DONALD F	2
P6168	CRM 216	LEC	WHITE COLLAR CRIME	AS	3.0	12:00- 3:00P	MTWTHF	MESSERSCHMIDT, JAME	6
THIS COURSE MEETS MON-FRI, MAY 11-22, 12-3PM; THW, MAY 26-28, 12-3PM.									
P6166	CRM 317	LEC	GENDER AND CRIME	AS	3.0	8:00-11:00A	MTWTHF	MESSERSCHMIDT, JAME	6
THIS COURSE MEETS MON-FRI, MAY 11-22, 8-11AM; THW, MAY 26-28, 8-11AM.									
P2164	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	AS	3.0	8:15-11:30A	MTW	BJELIC, DUSAN	2
P4160	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	AS	3.0	7:00- 9:40P	TTH	ANSPACH, DONALD F	4
P5159	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	AS	3.0	8:15-11:30A	MTW	MONSEN, S HENRY	5
P2162	SOC 215J	LEC	CRIMINOLOGY	AS	3.0	8:15-11:30A	MTW	ANSPACH, DONALD F	2
P6169	SOC 216	LEC	WHITE COLLAR CRIME	AS	3.0	12:00- 3:00P	MTWTHF	MESSERSCHMIDT, JAME	6
THIS COURSE MEETS MON-FRI, MAY 11-22, 12-3PM; THW, MAY 26-28, 12-3PM.									
P2161	SOC 314	LEC	FILM AND SOCIETY	AS	3.0	12:30- 3:45P	MTW	BJELIC, DUSAN	2
P6167	SOC 317	LEC	GENDER AND CRIME	AS	3.0	8:00-11:00A	MTWTHF	MESSERSCHMIDT, JAME	6
THIS COURSE MEETS MON-FRI, MAY 11-22, 8-11AM; THW, MAY 26-28, 8-11AM.									
P3165	SOC 358	LEC	SOCIOLOGY OF WOMEN'S WORK	AS	3.0	8:15-11:30A	TTH	LAZ, CHERYL	3
P2163	SOC 380	LEC	SOCIOLOGY OF VIOLENCE	AS	3.0	8:15-11:30A	MTW	FULLAM, DAVID C	2
THEATRE			WALTER STUMP		RUSSELL HALL		(780-5481)		
P4172	THE 101G	LEC	INTRODUCTION TO DRAMA	AS	3.0	7:00- 9:40P	TTH	PICINICH, SUSAN E	4
P2173	THE 102F	LEC	ACTING: PERFORMANCE	AS	3.0	12:30- 3:45P	MTW	KILLROY, WILL	2
P1175	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	7:00- 9:40P	TTH	STEELE, WILLIAM P	1
P2174	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	8:15-11:30A	MTW	POWER, THOMAS A	2
P4177	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	7:00- 9:40P	TTH	STEELE, WILLIAM P	4
P5176	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	12:30- 3:45P	TWTH	KINNE, CHRISTENIA	5
X6178	THE 270F	LEC	ORAL INTERPRETATION	AS	3.0			STUMP, WALTER R	6
THIS COURSE MEETS JULY 5-24. THIS IS A FEE COURSE. THIS IS PART OF READERS' THEATRE. CONTACT SUMMER SESSION AT 780-4076.									
X6179	THE 370	LEC	ADVANCED ORAL INTERPRETATIO	AS	3.0			STUMP, WALTER R	6
THIS COURSE MEETS JULY 5-24. THIS IS A FEE COURSE. THIS IS PART OF READERS' THEATRE. CONTACT SUMMER SESSION AT 780-4076.									
X6180	THE 371	LEC	READER'S THEATRE	AS	3.0			STUMP, WALTER R	6
THIS COURSE MEETS JULY 5-24. THIS IS A FEE COURSE. THIS IS PART OF READERS' THEATRE. CONTACT SUMMER SESSION AT 780-4076.									
G6181	THE 398	PRA	THEATRE INTERNSHIP	AS	VAR			TBA	6

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
G1283	EDU 308	LEC	SCIENCE FOR CHILDREN	ED	3.0	4:00- 6:40P	TTH	HOWICK, THOMAS	1
G6285	EDU 321	LEC	DEVELOPMENTAL READING II	ED	3.0	4:00- 7:30P	TTH	AMOROSO, HENRY C	6
	THIS COURSE MEETS JUNE 2,4,9,11,16,18,23,25,30 AND JULY 2.								
G6286	EDU 323	IND	INDEPENDENT STUDY	ED	VAR			LYONS, CHARLES M	6
G1287	EDU 335	LEC	EXCEPT STUDENT IN CLASSROOM	ED	3.0	4:00- 6:40P	MW	KIMBALL, WALTER H	1
G6450	EDU 335	LEC	EXCEPT STUDENT IN CLASSROOM	ED	3.0	8:00-12:00P	MTWTHF	PRINCE, SANFORD J	6
	THIS COURSE MEETS JUNE 29 - JULY 10.								
G1288	EDU 336	LEC	CHILDREN'S LITERATURE	ED	3.0	8:15-11:00A	TTH	MARTIN, JOYCE	1
G2289	EDU 358	LEC	TEACH SOCIAL STUDIES ELEM S	ED	3.0	12:30- 3:45P	MTW	FOSTER, CHERIE MAJO	2
P6445	EDU 499	SPE	INTERNATIONAL EXCHANGE	ED	VAR			TBA	6
G2293	PHE 198	LEC	RECONDITIONING FOR FITNESS	ED	3.0	8:15-11:30A	MTW	DREW, DAVID	2
G6290	PHE 242	PE	EXP EDUC OUTWARD BOUND	ED	3.0	8:00- 6:00P	MTWTHF	BOUCHARD, JOEY A	6
	THIS COURSE MEETS MAY 11-15.								
G2291	PHE 304	LEC	HEALTH & PE ELEM TEACHER	ED	3.0	8:15-11:30A	MTW	ZIMMERMAN, JEAN	2
G6294	PHE 398	IND	INDEPENDENT STUDY	ED	VAR			TBA	6

PROFESSIONAL EDUCATION CHARLES LYONS 407 BAILEY HALL (780-5301)

G3295	EDU 510	LEC	DEVELOP COMPOSITION PROCESS	ED	3.0	8:15-11:30A	MW	WOOD, MARGO	3
P1296	EDU 511	LEC	CHILDREN'S LITERATURE	ED	3.0	4:00- 6:40P	MW	MARTIN, JOYCE	1
G3297	EDU 515	LEC	TEACH WRITING:MIDOLE/SEC LE	ED	3.0	8:15-11:30A	TTH	MACARTHUR, SUSANNE	3
G6298	EDU 524	LEC	SUPERVISED PRACT RDG DIS	ED	3.0			TBA	6
G3299	EDU 529	LEC	READING/WRITING WORKSHOP	ED	6.0	9:00-12:00P	MTWTHF	O'DONNELL, MICHAEL	3
G1300	EDU 560	LEC	ESL:CLASS TEACH PRACTICES	ED	3.0	4:00- 6:40P	TTH	BOUCHARD, DONALD L	1
G1301	EDU 561	LEC	ASPECTS OF THE ENGLISH LANG	ED	3.0	7:00- 9:40P	TTH	BOUCHARD, DONALD L	1
G3305	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0	9:00-12:00P	TTH	STEEGE, MARK	3
G6302	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0	4:00- 6:30P	MW	COHEN, LIBBY	6
	THIS COURSE MEETS 4-6:30PM, MAY 11,13,18,20,26,27; JUNE 1,3,8,17,22,24,29 AND JULY 1.								
G6303	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0			SMITH, CHARLES F	6
	THIS COURSE MEETS 8:30AM-12:30PM, JULY 1,6,7,8,9;AUGUST 9,10,11,12.								
G6304	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0	4:00- 8:00P	M	SILVERNAIL, DAVID L	6
	THIS COURSE MEETS MAY 11-JULY 20.								
G6306	EDU 603	LEC	ANALYSIS OF TEACHING	ED	3.0	8:30-12:00P	MTWTH	KULAWIEC, EDWIN P	6
	THIS COURSE MEETS JULY 6-JULY 23.								
G6308	EDU 610	LEC	CRITICAL ISSUES:TCHG/LEARNI	ED	3.0			AMOROSO, HENRY C	6
	THIS COURSE MEETS JUNE 6,8:30-3:30;JUNE 22-JULY 2, MON-FRI, 8:30 - NOON.								
G1309	EDU 671	LEC	ORGANIZATIONAL BEHAVIOR	ED	3.0	4:00- 6:40P	MW	TBA	1
G6310	EDU 672	LEC	POL BASES OF DEC MAKING	ED	3.0			TER WEELE, JAN	6
	THIS COURSE MEETS WED,7:00-9:40PM, MAY 13-JUNE 17; TUES & THURS, 4:00-6:40PM, JUNE 23-JULY 16.								
G6311	EDU 678	LEC	SCHOOL LAW	ED	3.0			HOYT, JOHN	6
	THIS COURSE MEETS MAY 11,13,18,20,26,27; JUNE 1,3, 5:00-9:45PM.								
G6316	EDU636	PRA	SUPERVISED PRACTICUM IN ESL	ED	VAR			BOUCHARD, DONALD L	6
G6313	EXE 611	LEC	NATURE AND NEEDS EXC LEARNE	ED	3.0			COHEN, LIBBY	6
	THIS COURSE MEETS 9AM-1PM, JUNE 29, JULY 1,2,6,7,8,13,14; 9AM-2:30PM, JULY 15.								
G6314	EXE 613	LEC	CURR AND INSTR EXCEPT CHIL	ED	3.0			MANGANELLO, ROBERT	6
	THIS COURSE MEETS 9AM-2PM, JULY 27-31,AUGUST 3; 9AM-4:30PM, AUGUST 24.								
G1315	EXE 615	LEC	CLASSROOM & BEHAVIOR MGMT	ED	3.0	4:00- 6:40P	MW	LYONS, CHARLES M	1
X6317	EXE 679	LEC	CONSULTING FOR RES TEACHER	ED	3.0	8:00-12:00P	MTWTHF	HOVEY, DEBRALEE	6
	THIS COURSE MEETS 8AM-12NOON, JULY 6-10, JULY 13-17 (MEETS IN AUGUSTA)								
G6357	EXE 684	LEC	ADMINISTRATION IN SPEC	ED	3.0	8:00- 4:00P	MTWTHF	LYONS, CHARLES M	6
	THIS COURSE MEETS JULY 6-10.								
G6318	EXE 687	LEC	TECH IN SPEC EDU & REHAB	ED	3.0	8:00- 2:00P	MTWTHF	SPENCINER, LORAIN	6
	THIS COURSE MEETS 8AM-2PM, JULY 13-17; 8AM-3:30PM, JULY 27.								
G4320	EXE 690	LEC	PSYCH OF ADOLESCENTS/DISABI	ED	3.0	4:00- 6:40P	TTH	BERNACCHIO, CHARLES	4
G6319	EXE 699	IND	DIRECTED STUDY	ED	VAR	4:00- 6:30P	MW	REES, TONI H	6
	THIS COURSE MEETS 4:00-6:30PM, MAY 11,13,18,20,27; JUNE 1,22,24.								

HUMAN RESOURCE DEVELOPMENT WILLARD CALLENDER 411 BAILEY HALL (780-5066)

G1251	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	ED	3.0	12:30- 3:10P	MW	MORRILL, DAVID	1
P1250	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	ED	3.0	4:00- 6:40P	TTH	BIRTOLO, PAT DELANE	1
P4252	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	ED	3.0	4:00- 6:40P	TTH	SEARWAY, DIXIE	4
P4431	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	ED	3.0	4:00- 6:40P	MW	HORNSTEIN, JOHN	4
G1253	HRD 335	LEC	EDUCATIONAL PSYCHOLOGY	ED	3.0	4:00- 6:40P	TTH	VESS, SUSAN M	1
G1254	HRD 600	LEC	ADULT EDUC & HUMAN RESOU	ED	3.0	4:00- 6:40P	MW	CALLENDER, W D.	1
G1273	HRD 602	LEC	COUNS SERV FOR STU/SPEC NOS	ED	3.0	4:00- 6:40P	TTH	BERNACCHIO, CHARLES	1
G1255	HRD 603	LEC	CONSULTATION	ED	3.0	4:00- 6:40P	TTH	STEEGE, MARK	1
G1256	HRD 608	LEC	CAREER DEVELOPMENT	ED	3.0	4:00- 6:40P	TTH	VANZANDT, C	1
G6278	HRD 615	LEC	VOC ASPECTS OF DISABILITY	ED	3.0	8:30-12:15P	MTWTHF	PATTERSON, JEANNE B	6
	THIS COURSE MEETS JULY 27-AUGUST 7.								
G1257	HRD 620	LEC	FUND OF COUNS SKILLS	ED	3.0	7:00- 9:40P	MW	SOUTHWORTH, ROBERT	1
G1258	HRD 621	LEC	FUND OF COUNS THEORIES	ED	3.0	4:00- 6:40P	TTH	STEVENS, REID D	1
G3259	HRD 622	LEC	COUNSELING YOUNG CHILDREN	ED	3.0	8:15-11:30A	MW	FALL, MARIJANE	3
G1260	HRD 626	LEC	GROUP PROCESS & PROCEDURE	ED	3.0	4:00- 6:40P	MW	SOUTHWORTH, ROBERT	1
G1261	HRD 627	LEC	GROUP COUNSELING	ED	3.0	4:00- 6:40P	MW	STEVENS, REID D	1

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
G6279	HRD 629	LEC	HUMAN SEXUALITY FOR COUNSEL	ED	3.0	8:00- 3:15P	MTW	RUFF, E	6
	THIS		COURSE MEETS JULY 13-23.						
G1274	HRD 633	LEC	MANAGING ADULT EDU&HRO PROG	ED	3.0	7:00- 9:40P	MW	CALLENDER, W D.	1
G1275	HRD 660	LEC	LIFE SPAN DEVELOP I	ED	3.0	4:00- 6:40P	TTH	TBA	1
P4262	HRD 661	LEC	LIFE SPAN DEVELOP II	ED	3.0	4:00- 6:40P	MW	SEARWAY, DIXIE	4
G1263	HRD 662	LEC	THEORIES OF HUMAN DEVELOPME	ED	2.0	4:00- 6:30P	MW	DAVIS, CAROL LYNN	1
G1264	HRD 663	LEC	CHILD & ADOLESCENT DEVELOPME	ED	2.0	7:00- 9:30P	MW	DAVIS, CAROL LYNN	1
G1265	HRD 664	LEC	CULTURE, TRAD & THE LIFE CY	ED	2.0	4:00- 6:30P	TTH	ATKINSON, ROBERT G	1
G1266	HRD 665	LEC	PSY MEASURE & EVALUATION	ED	3.0	4:00- 6:40P	MW	SUTTON, JOHN M	1
G1276	HRD 674	LEC	ABNORMAL PSYCHOLOGY	ED	3.0	7:00- 9:40P	TTH	VESS, SUSAN M	1
G6267	HRD 686	PRA	INTERNSHIP IN COUNSEL EDU	ED	VAR			SUTTON, JOHN M	6
G6268	HRD 687	PRA	INTERNSHIP IN ADULT EOU	ED	VAR			BRADY, E MICHAEL	6
G6269	HRD 688	PRA	INTERNSHIP SCHOOL PSYCHOLOG	ED	VAR			STEEGE, MARK	6
G1277	HRD 693	LEC	LIFE STORIES/PERS MYTHMAKIN	ED	3.0	6:45- 9:25P	TTH	ATKINSON, ROBERT G	1
G6270	HRD 698	IND	DIRECTED STUDY IN HRD	ED	VAR			BRADY, E MICHAEL	6
G6271	HRD 699	IND	INDEPENDENT STUDY	ED	VAR			BRADY, E MICHAEL	6
G6272	HRD 699	IND	INDEPENDENT STUDY	ED	VAR			TBA	6

PROFESSIONAL DEVELOPMENT CENTER GEORGE LYONS

305 BAILEY HALL (780-5326)

G6323	EDW 472	LEC	NEWSPAPERS IN EDUCATION	ED	3.0	8:30- 4:30P	MTWTHF	BOOBER, BECKY HAYES	6
	THIS		COURSE MEETS JUNE 22-26.						
X6324	EPD 511	LEC	MIDDLE/HIGH SCHOOL INSTITUT	ED	3.0			FOSTER, CHERIE MAJO	6
	THIS		COURSE MEETS JUNE 28-JULY 2 (SAT,1-5PM;MON-THUR, 8AM-5PM) AT BAXTER SCHOOL FOR THE DEAF. THIS IS A FEE COURSE.						
G6325	EPD 521	LEC	INST.STRAT.MATL.TEACH.GIFTE	ED	3.0	8:00- 4:00P	MTWTHF	DRAPEAU, PATTI B	6
	THIS		COURSE MEETS JULY 6-10.						
G6326	EPD 542	LEC	SOCIAL PROC & CULTURE OF SC	ED	3.0	8:30- 4:30P	WTHFMT	HANNAH, MARY	6
	THIS		COURSE MEETS JULY 22-JULY 28.						
G6328	EPD 558	LEC	GUID.SOC.EMOT.DEVEL.GFT LRN	ED	3.0	8:00-12:00P	MTWTHF	DELISLE, J	6
	THIS		COURSE MEETS AUGUST 3-14.						
G6330	EPD 560	LEC	MIDDLE SCHOOL AND GIFTED LR	ED	3.0	8:00- 4:00P	MTWTHF	STAPLES, J	6
	THIS		COURSE MEETS AUGUST 17-21.						
X6331	EPD 571	LEC	CURRIC & HUMAN WELL BEING	ED	3.0	8:30- 4:30P	MTWTHF	PRATT, D	6
	THIS		COURSE MEETS JULY 6-10 AT WOLFE'S NECK FARM. THIS IS A FEE COURSE						
G6332	EPD 574	LEC	MIDDLE SCH LITERACY:INTERDI	EO	3.0	8:30- 4:30P	MTWTHF	HUTTON, NANCY	6
	THIS		COURSE MEETS AUGUST 3-7.						
G6333	EPD 575	LEC	ACCEL.RDG.WRTG GRWTH:PRIM G	ED	3.0	8:30- 4:30P	MTWTHF	HERSEY, JO	6
	THIS		COURSE MEETS AUGUST 3-7.						
G6334	EPD 576	LEC	DESIGN DEV RDG PGRM GR 6-12	ED	3.0	8:30- 4:30P	MTWTHF	MASCIA, E	6
	THIS		COURSE MEETS JULY 13-17.						
G6335	EPDI501	LEC	COOPERATIVE LEARNING	ED	3.0	8:30- 4:30P	MTWTHF	PICKERING, J	6
	THIS		COURSE MEETS AUGUST 3-7.						
G6336	EPDI502	LEC	USING MAC COMP/SPEC NOS STU	ED	3.0	8:00- 4:00P 8:00- 9:30P	MTH TW	WANDERMAN, RICHARD	6
	THIS		COURSE MEETS JUNE 29-JULY 2 (MON,THUR,8AM-4PM;TUE,WED,8AM-9:30PM)						
X6312	EPDI513	LEC	TOPICS IN READERS THEATRE	ED	6.0			STUMP, WALTER R	6
	THIS		IS PART OF THE READERS THEATRE INSTITUTE IN LONDON, JULY 5-24.						
	THIS		IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.						
G6337	EPDI517	LEC	COMPUTER NETWORKING	ED	3.0	8:00- 4:30P	MTWTHF	SHEDLETSKY, LEONARD	6
	THIS		COURSE MEETS AUGUST 3-7.						
X6338	EPDI518	LEC	INTRO TO COMPUTER APPLIC TC	ED	3.0	8:00-12:00P	MTWTHF	ZIKO, WALTER W	6
	THIS		COURSE MEETS AUGUST 3-14 AT SHAW JR HIGH SCHOOL IN GORHAM.						
G6339	EPDI521	LEC	USING HYPERCARD IN SPEC EDU	ED	3.0	8:30- 4:30P	MTWTHF	WANDERMAN, RICHARD	6
	THIS		COURSE MEETS JULY 6-10.						
G6340	EPDI522	LEC	HELPING FAMILIES HELP CHILD	ED	3.0	8:00-12:15P	TWTH	GOLDEN, LARRY	6
	THIS		COURSE MEETS JULY 21-AUGUST 6.						
G6341	EPDI523	LEC	COLLEGE ADV FOR H.S. COUNSE	ED	3.0			TREE, SUSAN K	6
	THIS		COURSE MEETS JUNE 29-JULY 1 AND JULY 6-7, 8:30AM-4:30PM.						
P1342	EPDI524	LEC	CREAT.ENVIRON.FOR YNG CHILD	ED	3.0	7:00- 9:40P	TTH	ARGONDIZZA, MAIZIE	1
G6343	EPDI526	LEC	SOFTWARE EVALUATION FOR TCH	ED	3.0	8:30-12:45P	MTWTHF	MORNEAULT, STEPHEN	6
	THIS		COURSE MEETS JUNE 22-JULY 2.						
G6344	EPDI527	LEC	EDUC IMP FOR LANGUAGE DISOR	ED	3.0	8:30- 4:30P	WTHFMT	BRAY, CANDICE	6
	THIS		COURSE MEETS JULY 15-21.						
G6345	EPDI530	LEC	STORYTELLING INSTITUTE	ED	3.0	8:30- 4:30P	MTWTHF	PENTILESCU, MARK	6
	THIS		COURSE MEETS JUNE 22-26.						
G6346	EPDI538	LEC	TEACH.SOC.RESPONS.GENDER IS	ED	3.0	8:30- 4:30P	MTWTHF	DAVIS, CAROL LYNN	6
	THIS		COURSE MEETS JUNE 22-26.						
X6347	EPDI548	LEC	LEADER TRAIN-EXPERIENTIAL E	ED	3.0	8:00- 5:00P	MTWTHF	BOUCHARD, JOEY A	6
	THIS		COURSE MEETS JULY 6-10 AT WOLFE'S NECK FARM.THIS IS A FEE COURSE.						
X6348	EPDI548	LEC	LEADER TRAIN-EXPERIENTIAL E	ED	3.0	8:00- 5:00P	MTWTHF	BOUCHARD, JOEY A	6
	THIS		COURSE MEETS JULY 20-24 AT WOLFE'S NECK FARM.THIS IS A FEE COURSE						
G6349	EPDI555	LEC	THE MATH SOLUTION (K-8)	ED	3.0	8:00- 4:30P	MTWTHF	BURNS, M	6
	THIS		COURSE MEETS JULY 20-24. THIS IS A FEE COURSE.						
G6350	EPDI556	LEC	THE MATH SOLUTION:HS (9-12)	ED	3.0	8:00- 4:30P	MTWTHF	BURNS, M	6
	THIS		COURSE MEETS JULY 20-24. THIS IS A FEE COURSE.						
G6351	EPDI559	LEC	MATH SOLUTION: LEVEL 2	ED	3.0	8:00- 4:30P	MTWTHF	BURNS, M	6
	THIS		COURSE MEETS JULY 20-24. THIS IS A FEE COURSE.						

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
P6351	EPDI561	LEC	LAW RELATED EDU/LAW IN MIND	ED	3.0	1:00- 5:00P 8:30- 4:30P	S MTWTHF	BRYANT, T	6
			THIS COURSE MEETS JULY 26-31.						
G6440	EPDI566	LEC	REDISCOV MAT LRNR ED	ED	3.0	8:00-12:30P	MMF	AUSTIN, NANCY J	6
			THIS COURSE MEETS JULY 27-AUGUST 14.						
G6441	EPDI567	LEC	GLOBAL DIALOG:BALTIC ED	ED	3.0			TBA	6
			THIS COURSE MEETS JULY 11-AUGUST 2.						
G6446	EPDI569	LEC	PERSONALIZING NCTM STANDARD	ED	3.0	8:00-12:00P	MTWTHF	TBA	6
			THIS COURSE MEETS JULY 6 - 17.						
G6353	EPDI592	LEC	CHILD ABUSE & NEGLECT:INTER	ED	3.0	8:30- 1:00P	MTW	TBA	6
			THIS COURSE MEETS JULY 6-22.						
G6354	HRD 554	LEC	GERONT INST:AGING/LIFE REVI	ED	3.0	8:00- 4:30P	MTWTHF	BRADY, E MICHAEL	6
			THIS COURSE MEETS JUNE 22-26.						
G1355	HRDX614	LEC	PRINCIPLES OF PSYCH REHAB	ED	3.0	4:00- 6:40P	TTH	LAWLOR, DAVID	1
G6356	HRDX647	LEC	WORK & LEARNING INSTITUTE	ED	3.0	8:00- 5:00P	MTWTHF	COLLINS, MARY I	6
			THIS COURSE MEETS JUNE 15-19.						
LEWISTON/AUBURN COLLEGE			51-55 WESTMINSTER STREET			LEWISTON		(783-4860)	
L3416	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	ED	3.0	12:30- 3:45P	TTH	HITCHCOCK, JAN	3
L1413	MOS 385	PRA	INTERNSHIP IN MOS	LA	VAR			DRUKER, MARVIN J	1
L6414	MOS 398	IND	INDEPENDENT STUDY	LA	3.0	7:00- 9:30P	T	ROBINSON, BETTY D	6
			THIS COURSE MEETS MAY 18-AUGUST 7.						
L6415	SBS 398	IND	INDEPENDENT STUDY	LA	3.0	7:00- 9:30P	T	ROBINSON, BETTY D	6
			THIS COURSE MEETS MAY 18-AUGUST 7.						
EDMUND S MUSKIE INSTITUTE OF PUBLIC AFFAIRS				RICHARD E BARRINGER		622 LAW SCHOOL		(780-4380)	
P1423	PPM 550	LEC	MEDIA & PUBLIC POLICY	PP	3.0	4:00- 6:40P	MMW	NYHAN, PAT	1
P6440	PPM 643	LEC	FISCAL ANAL FOR GRWTH MGT	PP	3.0	4:30- 7:30P	TTH	LAPLANTE, JOSEPHINE	6
			THIS COURSE MEETS MAY 19 - JUNE 30.						
P6424	PPM 649	LEC	APPLIED RESEARCH FINANCE	PP	VAR			LAPLANTE, JOSEPHINE	6
P1430	PPM 666	LEC	ENVIRONMENTAL POLICY	PP	3.0	4:00- 6:40P	TTH	GALE, DENNIS	1
P6425	PPM 695	IND	INDEPENDENT STUDY	PP	VAR			TBA	6
P6427	PPM 696	PRA	INTERNSHIP	PP	VAR			TBA	6
P6428	PPM 699	LEC	CAPSTONE PROJECT	PP	3.0			TBA	6
SCHOOL OF NURSING									
NURSING			KATHLEEN MACPHERSON			MASTERTON HALL (780-4130)			
P1244	NFS 252	LEC	HUMAN NUTRITION	NU	3.0	4:00- 6:40P	TTH	BURSON, JANET Z	1
P2243	NUR 200	LEC	INTRO TO PROFESSIONAL NURS	NU	3.0	12:45- 4:00P	MTW	PALTROW, MERLE H	2
P6429	NUR 296	IND	INDEPENDENT STUDY	NU	VAR			TBA	6
P1246	NUR 304	LEC	TRANSITION TO PROF ROLE	NU	5.0	8:00- 1:00P	MMW	RODGERS, MARIANNE W	1
			RN'S ONLY OR PERMISSION OF INSTRUCTOR. THIS COURSE WILL NOT MEET JUNE 15 AND 17. MAKE-UP DATES: JUNE 29, JULY 1.						
P1248	NUR 309	LEC	TOTAL HEALTH ASSESSMENT	NU	VAR	5:30- 9:30P	MMW	VINES, SUSAN	1
P1451	NUR 309	LEC	TOTAL HEALTH ASSESSMENT	NU	2.0	1:00- 3:00P	TTH	RODGERS, MARIANNE W	1
			THIS COURSE IS OPEN TO STUDENTS ENTERING JUNIOR LEVEL COURSES ONLY.						
P1457	NUR 309	LAB	TOTAL HEALTH ASSESSMENT	NU	1.0	8:30-12:30P	W	CASEY, FRANCES H	1
			THIS COURSE IS OPEN TO STUDENTS ENTERING JUNIOR LEVEL COURSES ONLY.						
P1458	NUR 309	LAB	TOTAL HEALTH ASSESSMENT	NU	1.0	8:30-12:30P	W	ELLIOTT, ELIZABETH	1
			THIS COURSE IS OPEN TO STUDENTS ENTERING JUNIOR LEVEL COURSES ONLY.						
P1459	NUR 309	LAB	TOTAL HEALTH ASSESSMENT	NU	1.0	1:00- 5:00P	W	CASEY, FRANCES H	1
			THIS COURSE IS OPEN TO STUDENTS ENTERING JUNIOR LEVEL COURSES ONLY.						
P1460	NUR 309	LAB	TOTAL HEALTH ASSESSMENT	NU	1.0	1:00- 5:00P	W	HAYLOR, MARTHA	1
			THIS COURSE IS OPEN TO STUDENTS ENTERING JUNIOR LEVEL COURSES ONLY.						
P6247	NUR 395	IND	HOLISTIC HEALTH INSTITUTE	NU	3.0	8:00- 5:30P	WTHF	FOURNIER, MAGGIE	6
			THIS COURSE MEETS JULY 29-31. THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.						
P6430	NUR 395	IND	DIRECTED STUDY	NU	VAR			TBA	6
P1452	NUR 400	LEC	NURSING PROCESS III	NU	3.0	9:00-12:00P	MF	TBA	1
P2242	NUR 401	LEC	HEALTH RELATED RESEARCH	NU	3.0	5:30- 8:30P	MTW	KEITH, ANNE	2
P3241	NUR 401	LEC	HEALTH RELATED RESEARCH	NU	3.0	1:30- 4:45P	MMW	SMITH, DOROTHY L	3
P1453	NUR 450	LAB	NURSING III LAB	NU	4.0	7:00- 3:00P	TH	CATON-LEMONS, LAURIE	1
			COURSE FEE: \$15.00						
P1454	NUR 450	LAB	NURSING III LAB	NU	4.0	7:00- 3:00P	TH	NORMANDEAU, JEANNE	1
			COURSE FEE: \$15.00						
P1455	NUR 450	LAB	NURSING III LAB	NU	4.0	7:00- 3:00P	TH	FOURNIER, MAGGIE	1
			COURSE FEE: \$15.00						
P4456	NUR 450	LAB	NURSING III LAB	NU	4.0	7:00- 3:00P	TH	RODGERS, MARIANNE W	4
			COURSE FEE: \$15.00						
P4457	NUR 450	LAB	NURSING III LAB	NU	4.0	7:00- 3:00P	TH	HEALY, PHYLLIS	4
P6249	NUR 577	LEC	FOUN OF HISTORICAL RESEARCH	NU	3.0	4:00- 6:40P	MMW	HEALY, PHYLLIS	6
			THIS COURSE MEETS MON,WED, 4-6:40PM, MAY 11-JUNE 12; 8:30AM-4:30PM, AUGUST 5 AND 6.						

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
RECREATION & LEISURE STUDIES			LINDA R MEYER		220 PORTLAND GYM (780-4172)				
P2022	REC 110	LEC	INTRO TO REC & LEISURE SERV	NU	3.0	8:15-11:30A	MTW	GRUVER, BONITA	2
P1020	REC 216	LEC	ADV FIRST AID & EMERG CARE	NU	3.0	4:00- 6:40P	TTH	JORDAN, PERCIVAL	1
THIS COURSE HAS A COURSE FEE OF \$22.00.									
P4021	REC 219	LEC	PHYSICAL FITNESS & WELLNESS	NU	3.0	7:00- 9:40P	TTH	DOWNING, THOMAS J	4
SCHOOL OF APPLIED SCIENCE									
APPLIED MEDICAL SCIENCES			AH-KAU NG		106 SCIENCE BUILDING (780-4299)				
P6398	AIM 630	LEC	MEDICAL IMMUNOLOGY	SC	3.0			NG, AH-KAU	6
P6399	AIM 631	LAB	MEDICAL IMMUNOLOGY LAB	SC	3.0			NG, AH-KAU	6
P6400	AIM 690	SEM	SEMINAR: JOURNAL CLUB	SC	1.0			NG, AH-KAU	6
P6402	AIM 697	IND	INDEPENDENT STUDY	SC	VAR			NG, AH-KAU	6
P6401	AIM 698	THE	THESIS	SC	VAR			NG, AH-KAU	6
COMPUTER SCIENCE			CHARLES WELTY		224 SCIENCE BUILDING (780-4499)				
P1410	COS 160	LEC	STRUCT PROB SOLVE-PASCAL	SC	3.0	4:00- 6:40P	MW	BRIGGS, DAVID A	1
P1411	COS 230	LEC	PROGRAMMING IN COBOL	SC	3.0	4:00- 6:40P	TTH	GOUIN, NORMAND E	1
P6412	COS 698	IND	MASTER'S PROJECT	SC	VAR			TBA	6
ENGINEERING			JAMES SMITH		106A TECHNOLOGY CENTER (780-5584)				
G4442	ELE 100	LEC	INTRO TO ENGINEERING	SC	3.0	5:00- 9:00P	TTH	TBA	4
THIS COURSE HAS A COURSE FEE OF \$5.00.									
TECHNOLOGY			RICHARD CARTER		101 TECHNOLOGY CENTER (780-5440)				
G6403	IEP 699	IND	INDEPENDENT STUDY	SC	VAR			NANNAY, ROBERT W	6
G6404	IEV 460	IND	INDEPENDENT STUDY	SC	VAR			BAZINET, GREGORY P	6
G6405	IEVI310	LEC	METH & MAT INSTRUCT VOC EDU	SC	3.0	8:30- 4:00P	MTWTFH	BAZINET, GREGORY P	6
THIS COURSE MEETS AUGUST 3-14.									
G1406	ITP 350	LEC	CONFERENCE LEADING	SC	3.0	7:00- 9:40P	MW	CARTER, RICHARD H	1
G1407	ITP 370	LEC	JOB WORK ANALYSIS	SC	3.0	7:00- 9:40P	TTH	FORD, WILLIAM P	1
G6408	ITT 440	PRA	RELATED EXPER/INTERNSHIP	SC	VAR			CARTER, RICHARD H	6
G6409	ITTI440	LEC	RELATED OCCUPATION EXPER	SC	VAR			BAZINET, GREGORY P	6
ACADEMIC HONORS PROGRAM			JEREMIAH CONWAY		102 BEDFORD STREET (780-4330)				
P6188	HON 311	IND	HONORS INDEPENDENT TUTORIAL	SP	3.0			CONWAY, JEREMIAH P	6
P6189	HON 312	IND	HONORS IND TUTORIAL II	SP	3.0			CONWAY, JEREMIAH P	6
P6187	HON 321	IND	HONORS DIRECTED RESEARCH	SP	3.0			CONWAY, JEREMIAH P	6
P6190	HON 331	IND	HONORS DIRECTED STUDY	SP	3.0			CONWAY, JEREMIAH P	6
DIVISION OF OFF-CAMPUS INSTRUCTION & ACADEMIC SUPPORT									
LEARNING ASSISTANCE PROGRAM			ROBERT LEMELIN		301 PAYSON SMITH HALL (780-4689)				
P1417	ABU 119	LEC	WRITTEN BUSINESS COMMUNICAT	BS	3.0	4:00- 6:40P	TTH	LEMELIN, ROBERT	1
THIS COURSE WAS FORMERLY ENG 019.									
SACO/BIDDEFORD CENTER									
T3419	OCE 100K	LEC	INTRO TO OCEANOGRAPHY	AS	3.0	8:15-11:30A	MW	GREGORY, CHARLES	3
T3420	OCE 101K	LAB	OCEANOGRAPHY LAB	AS	1.0	8:15- 1:00P	TH	GREGORY, CHARLES	3
T1421	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	7:00- 9:40P	MW	HEARNS, JOSEPH F	1
SANFORD CENTER									
S6422	COM 102J	LEC	INTRO TO COMMUNICATION	AS	3.0	6:00- 8:30P	TTH	TBA	6
THIS COURSE MEETS JUNE 1-AUGUST 1.									
S6423	THE 270F	LEC	ORAL INTERPRETATION	AS	3.0	6:00- 8:30P	MW	TBA	6
THIS COURSE MEETS JUNE 1-AUGUST 1.									

Course Descriptions

College of Arts and Sciences

Art

AED 412 Art Criticism in Schools

This course will address the role and practice of art criticism in elementary and secondary art education programs. It is designed for in-service teachers of art. Through lectures and discussions, theoretical and professional models for art criticism will be examined and various approaches to instruction explored. Active participation by class members is anticipated. 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 cultural 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 231 Ceramics

An introduction to methods and processes of clay forming, including modeling, pressing, handbuilding, and the potter's wheel. Emphasis on form and texture, with aspects of glaze composition and firing procedures. Prerequisite: Art Core course Cr 3.

ART 259 Landscape Drawing

This course will concentrate on drawing the landscape at Wolfe Neck Farm. Each day, problems will be assigned which focus attention on fundamental aspects of the following: pictorial form and design; analysis of landscape structures and a study of light; atmosphere and the creating of space. Students planning to pursue a degree in art must take the Art Core prior to registering for this course. 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 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.

Arts and Sciences

ARS 123 Topics of Human Sexuality

The purpose of this course is to provide individuals with a thorough understanding and accurate information concerning their sexuality. The course will show the subtle complex interrelationship among sociology, biology, philosophy, psychology, theology, behavior, and interpersonal relationships as they pertain to sexuality. Topics to be discussed include sexual growth and development, sexual attitudes, sexual anatomy and physiology of males and females, human sexual response cycle, sexual attraction, love and relationships, contraception, homosexuality and bisexuality, alternative forms of sexual behavior, sexual fantasies, sexual dysfunctions and problems, sexual history and research. Cr 3.

Biology

BIO 101K Biological Foundations

An introduction to the areas of current biological interest: molecular and cellular biology, genetics and development, and evolution and population biology. Intended primarily for students selecting a laboratory science to satisfy the Core curriculum or for those students not intending to take other courses in the Biological Sciences. This course cannot be used as a prerequisite for other biology courses. Cr 3.

BIO 102K Biological Experiences

Laboratory studies to complement and illustrate the concepts presented in BIO 101K and BIO 100K. Prerequisite: BIO 101K or BIO 100K. Cr 1.

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. 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. Cr 3.

BIO 211 Human Anatomy and Physiology

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 4.

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 microorganisms. Prerequisites: BIO 281 or concurrently. Cr 2.

BIO 291 Ornithology

This course will consider the basic biology of birds: life histories, migration, behavior, and economic importance, with emphasis on species found in Eastern North America. Prerequisite: grade of C or higher in BIO 105K. Cr 3.

BIO 292 Ornithology Laboratory

This course will be an application of selected principles covered in BIO 291 with an emphasis on diversity and habitat selection. Numerous field trips to a variety of habitats for field identification of birds will be conducted. Students are responsible for supplying their own and appropriate outdoor clothing and footwear. Prerequisite: BIO 291 or concurrently. Cr 1.

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.

Chemistry

CHY 101K Introduction to Chemistry

General topics in chemistry including introductory units on matter and its properties; measurement; elements and compounds; atomic structure; solutions, dispersions, and water; osmotic pressure; chemical bonds; chemical nomenclature; stoichiometry; radiochemistry; gases; acids, bases and buffers; and energy relationships in chemical processes. Prerequisite: high school algebra and one year of high school chemistry (taken during the past five years) or a satisfactory grade level on the proficiency test administered by the Department. Not appropriate for science majors, pre-med, pre-vet or pre-dentistry. Cr 3.

CHY 103 Introduction to Organic and Biochemistry

Stress will be placed upon topics of special importance for students of the health sciences: nomenclature of organic compounds; electron distribution in organic molecules; structural features of organic molecules; substitution, elimination, and addition reactions; oxidation reduction reactions; carbohydrates; lipids; proteins and amino acids; enzymes; nucleic acids; metabolism; summary of some aspects of nutrition; pharmaceuticals; medical applications of radiochemistry. Concurrent with CHY 104. Prerequisite: grade of C or better in CHY 101. Not appropriate for science majors, pre-med, pre-vet or pre-dentistry. Cr 3.

CHY 104 Introductory Organic and Biochemistry Laboratory

Students will perform experiments to illustrate aspects of organic chemistry of importance to living systems, as well as elementary principles of biochemistry. Topics include separation and identification of organic compounds; qualitative reactions of lipids, proteins, and nucleic acids; introduction to enzyme chemistry. Corequisite: CHY 103. Not appropriate for chemistry or biology majors. Cr 1.

CHY 115 Principles of Chemistry II

A presentation of topics of chemistry additional to those presented in CHY 113. This course is designed to provide a solid foundation for all further studies in chemistry and is a prerequisite for all upper-level chemistry courses. Prerequisite: grade of C or better in CHY 113. Cr 3.

CHY 116 Lab Techniques II

Laboratory experiments to illustrate the principles presented in CHY 115 lectures. Prerequisite: grade of C or better in CHY 114. Corequisite: CHY 115. Cr 1

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 moviegoing 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. Cr 3.

COM 340 Small Group Communication

A discussion-participation course designed to familiarize students with the theories and techniques of small-group communication. Students will examine role behavior, group norms, conflict, group development, decision-making, communication flow, and other variables relevant to small-group interaction. Prerequisite: COM 102J. Cr 3.

COM 399 The Media and Social Change

This course analyzes how news media coverage has affected the civil rights/black power, New Left, antiwar, women's, gay rights and other social movements. The role of the media as a significant force for shaping such movements is viewed in the larger social, political and economic context. Both print and TV news are examined through readings, case studies, discussion and original research. Cr 3.

COM 399 Family and Marital Communication

This course examines the communication concepts which are basic to understanding interaction in marriages and in families. The course provides a framework for analysis of family and marital communication. The course explores such communication issues as conflict, power, intimacy, and the development of relationships. Also, models of effective communication in marriages and in the family will be discussed. Cr 3.

COM 484 Women in 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). Prerequisite: junior or senior standing and COM 102J. Cr 3.

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 productions, 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.

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 110E Techniques of Persuasion

This course offers the analysis, interpretation, and evaluation of various kinds of arguments and ways to reach logical decisions and write sound arguments, with critical tracts, speeches, literary essays, scientific papers, and magazine articles. This basic course employs a new nonsymbolic approach to practical reasoning expressed in natural language; its emphasis is on direct application to realistic cases and is primarily aimed at developing skills in defending one's position through effective argument. Exercises and readings are designed to aid undergraduates in reports, essays, and term papers. The materials for critical analysis have a broad appeal for future lawyers, administrators, executives, business people, and scholars. Regular oral reports; brief written exercises in critical reasoning and analysis; final examination based on actual specimens of contemporary argument. Prerequisite: ENG 100C/101C or permission of instructor. 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 150 Literature into Film

This course explores what is gained and lost when the printed page is translated to the screen. How does a classic novel become a dull movie? How does an important film emerge from a literary potboiler? We will examine theme and plot, character and mood, setting and point of view, and tone and imagery to better understand the writer's craft. We will also learn about editing and lighting, camera movement and placement, visual rhythm, and the uses of sound to comprehend the work of the film artist. Written and filmed versions of the same narrative will help us to define the creator's intentions and achievements and to highlight what is distinctive to each. 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 299 Magazine Feature Writing

This course is a practical introduction to developing, proposing, researching, and writing feature articles for magazines. The course will emphasize the process necessary to achieve publication: recognizing potential magazine stories, focusing them, undertaking preliminary research, proposing

stories to editors, identifying readers' needs for information, undertaking additional research and interviewing, and organizing material into effective, interesting stories. Cr 3.

ENG 299 Screenwriting/Playwriting Workshop

See Special Programs section of this catalog.

ENG 299 Creative Nonfiction Workshop

See Special Programs section of this catalog.

ENG 299 Children's and Young Adults Literature Workshop

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 Writer's Conference)

See Special Programs section of this catalog.

ENG 302F Fiction Workshop

An advanced course requiring the completion of short stories or a substantial part of a novel. Prerequisite: ENG 300F. Cr 3.

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 316 The Bible

The Bible, the single most influential work (or group of works) in Western culture, will be considered as a literary text, with emphasis on the books that have had the greatest literary influence (e.g. Genesis, Exodus, Psalms, Job, Matthew, Luke). 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 from six to ten short story collections reflecting contemporary themes and narrative methods. Although 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 389 Writers of Maine

Historical and literary analysis of writers in and about Maine. The emphasis will be on the literary quality of the best-known men and women writers and the place in history both past and present of the lesser-known writers. Extra credit in the course will be given for a report about any off-campus project related to an author and a particular locality in Maine. English majors should have already taken a survey of American literature; prospective teachers will prepare an annotated bibliography of one author of their choice. 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.

Foreign Languages

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

CLA 284H The Tragic Hero in Ancient Literature

Intensive reading of selected plays in English translation by Aeschylus, Sophocles, Euripides, Seneca; discussion, papers. Prerequisite: sophomore standing. Cr 3.

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 281H Masterpieces in Spanish American & Brazilian Literature

This course will focus on the documentary and the fictional in the Latin American novel with particular reference to the works of Alejo Carpentier (Cuba), Juan Rulfo (Mexico), Manuel Puig (Argentina). This course is conducted in English. Cr 3.

SPA 301 Practice in Conversation

The objective of the course is oral proficiency in advanced contexts. Situational activities include reports, debates, class discussions, and conversations. Prerequisites: SPA 202I or equivalent. Cr 3.

Geography and Anthropology

GEO 199 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 Geographical Perspectives of the Former USSR

The focus of this course is on the intricate geographic elements that are so critical to Soviet society. Physical, political, socio-economic, and cultural factors of the new Commonwealth of Independent States will be described and analyzed through lecture, video/slides, and class discussion. Particular attention will be focused on current geographical changes in the republics, the Soviet system of central planning and Boris Yeltsin's program of reforms for 1992. Cr 3.

GYA 300 Archaeology Field School—West Indies

See Special Programs section of this catalog.

GYA 499 Historical Archaeology

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. Three hours of lecture. 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. Lab two hours. Cr 1.

GEY 350 Geological Field Methods

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 152I The Islamic Near East

This is a basic, introductory survey of the history of the eastern Mediterranean/Near Eastern region ca. 600 A.D. to the present. The course emphasizes the origin and development of Islamic religion and the establishment, spread, and evolution of Islamic institutions in Arabia, Egypt, Mesopotamia (Iraq), Palestine-Syria, and Anatolia (Turkey). Attention is given to the historical and continuing interaction between the Islamic people of the Near East and non-Islamic people both within and without the region. 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. Cr 3.

HTY 356 Civil War and Reconstruction

An examination of the period 1850-1877, dealing with the background and causation of the war; Lincoln and the secession crisis; the military, political, diplomatic, and economic aspects of the Civil War; and the challenges and ultimate failure of reconstruction after 1865. Prerequisite: HTY 131I or permission. 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 Judaism, Christianity, and Islam: Origins and Interactions

On one level, this course is a fairly straightforward survey of the origins and early revolutions (both institutional and theological) of the three religions. This survey also will note some of the lineal and historical/coincidental relationships which exist(ed) among the three. At the same time, the course also uses the three religions as convenient vehicles for exploring certain phenomena which are common to all three: e.g., the "institutionalization" of charismatic prophecy and the formation of a sacred, literary canon. Cr 3.

HTY 399 The Vietnam War

An examination of the military events of the Vietnam conflict as well as the political, social, and cultural contexts in both the U.S. and Vietnam. No prerequisites. Cr 3.

HTY 399 Comparative Brazilian & U.S. History: Colonization to 1930

The course compares the two largest countries in the hemisphere from their colonization through independence and state formulation to 1930. Special emphasis will be given to colonization, labor systems, economic development and cultural differences. A weekly program of readings will be supplemented with map work, slide and video discussions. Graded short written assignments, class participation, a mid-term and a final examination will be the basis for course evaluation. 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 discussions, oral reports and field trips to a variety of sites located in easy range of USM. Cr 3.

Linguistics

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

MAC 234 Computer Programming for Elementary Teachers

The course introduces the elementary education major to programming techniques and applications using the BASIC language. No programming skills will be assumed. Prerequisite: MAT 131D. Cr 3.

Note: Credits earned for MAT 010 and MAT 011B will not count towards 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 number systems, functions, graphs, the solution of equations, and the solution of problems with a business orientation. Prerequisite: MAT 009 or equivalent. Cr 3.

MAT 011B Intermediate Algebra

A continuation of MAT 010. Prerequisite: MAT 010 or one year of high school algebra. 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. Prerequisites: Two years of high school algebra and one year of geometry. 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: two years of high school algebra and one year of geometry, 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: two years of high school algebra. 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: two years of high school algebra and one year of geometry, 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 courses covering functions of one or more variables, graphs, limits, derivatives, integrals, optimization, infinite 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 231 Algebra for Elementary Teachers

The second course in a three-course sequence in mathematics recommended by the Committee on the Undergraduate Mathematics Program of the Mathematical Association of America for prospective primary and elementary teachers. Emphasis is upon the properties of operations in several different algebraic systems. Equations are studied in finite systems as well as in conventional algebra. Prerequisite: MAT 131D. 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.

MME 513 Laboratory: Project ASPIRE Calculus

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: Must be taken concurrently with MME 519. Cr 3.

MME 519 The Teaching of Calculus in Secondary Schools

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. Prerequisite: An undergraduate degree in mathematics, teaching experience, and recommendation of the high school principal and the department chairperson. Students must apply directly to the instructor for acceptance to the course. 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 and in all areas. This course will meet the state requirement of a graduate course in exceptionality needed for recertification of teachers. Cr 3.

MUE 599 The Band Conductors Art

See Special Programs section of this catalog.

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.

New England Studies

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

NES 640 The Tourist's New England

This course will examine the development and promotion of tourism in 19th and 20th century New England. The course will focus on the social, cultural, and economic contexts in which tourism arose and expanded; change and continuity in New England's appeal to tourists; and how tourism and the tourist industry have shaped the image and perception of New England. Topics will include: recreational tourism; cultural tourism; the development of resorts; motels, automobile touring, postcards and souvenirs; "tourist culture"; and the "selling" of New England. Cr 3.

NES 656 The New England Economy

Recent economic upturns and recessions have demonstrated that New England functions as a regional economy. This course will focus on New England during the industrial and post-industrial eras. Basic economic concepts will be used to examine the development of the regional economy. Interdisciplinary perspectives and materials will be applied to analyze and interpret motives, goals, and values of the leaders who shaped the New England economy over time. Cr 3.

Philosophy

PHI 106E Introduction to Philosophy: Why Philosophy?

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 221 Philosophy of Film

This course concentrates on the construction of meaning in the context of cinema. Major emphasis is placed on cinema as a product of social stereotypes. Prerequisite: any PHI 100-level course. 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. Optional evening observations with telescopes are included. 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 orbit, Earth's orbital motion, rotation of Saturn's rings, the Sun, the Crab Nebula, variable stars, pulsars, Hubble's law, and galaxies. Two 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. Two 2-hour 45-minute lectures, one 3-hour lab and one 2-hour 45-minute recitation per week. 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. Two 2-hour 45-minute lectures, one 3-hour lab and one 2-hour 45-minute recitation per week. 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 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.

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 102 General Psychology II

A continuation of Psychology 101J. It deals with complex psychological processes such as ability testing, personality, conflict, behavior disorders and therapy, and social and industrial behavior. Prerequisite: PSY 101J. Cr 3.

PSY 205 Experimental Methodology

Emphasis on the principles, methods, and techniques of experimental psychology. Applications of general methodology and specific techniques to the design of experiments in behavioral research. Prerequisite: PSY 201D, Co-requisite: PSY 206. Cr 3.

PSY 206 Methodology Laboratory

Application of the material covered in PSY 201 and PSY 205 to four areas of psychology: Animal Learning-Physiological, Sensation-Perception, Human Learning-Cognition, and Social-Personality. Report writing and interpretation will be emphasized. Co-requisite: PSY 205. Cr 1.

PSY 330 Social Psychology

The psychological principles that enter into the social behavior of the individual. Areas of consideration include perception, communication, attitude formation, interpersonal attraction, and group behavior. Prerequisites: PSY 101J and 102. Cr 3.

PSY 333 Psychopathology

The etiology, development, and manifestation of the major forms of mental illness with particular emphasis upon the neuroses and psychoses are discussed. Psychological, social, and biological factors which contribute to maladjustment are examined. Prerequisite: PSY 101J and 102. 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 400 01 Sports Psychology Institute

See Special Programs section of this catalog.

PSY 400 02 Childhood Psychopathology

See Special Programs section of this catalog.

Social Work

SWO 101J Introduction to Social Welfare

Provides an introduction to the institution of social welfare through a review of social welfare history; the values and philosophy in America of treating the poor, the ill, and others in need; contemporary approaches to social policy; and possible alternative models of social welfare. Cr 3.

SWO 433 Social Work Research

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 120D, PSY 201D, SOC 207D), senior 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 focusing on some specific types of white-collar crime: organized 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. Prerequisites: SOC 100J and CRM/SOC 215J. Cr 3.

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 314 Film and Society

This course will examine films as sociological text and sociological text as an instruction in how to understand film. We will be looking at certain sociological themes in films: social structure, marriage market, social construction of reality, gender and mental illness as examples of visual analysis of social life. At the same time, we will show how sociological knowledge is a prerequisite for the filmmakers to make a story about members of society. Cr 3.

SOC 358 Sociology of Women's Work

This course will introduce the student to the most recent theoretical and empirical research on women's work in the family and in the paid labor force. Sociological definitions of work, theories of discrimination, and the role of ideology will be examined. Students will evaluate contemporary strategies to equalize pay and employment opportunities. Prerequisite: SOC 100J or permission of instructor. Cr 3.

SOC 380 Sociology of Violence

This course will investigate the socio-cultural factors associated with various forms of human violence, both instrumental and expressive. Among the topics to be considered are: domestic violence, hooliganism, violent crimes and political violence, from terrorism to war. Prerequisite: SOC 100J 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 neoclassic, 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 170F 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 Reader's Theme

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

THE 451 Topics in Dramatic Literature and Theatre History: Women Playwrights

An intensive study of a particular playwright, group, movement, or historical period chosen at the discretion of the instructor in accordance with his/her expertise and interests. May be repeated as topics vary for a minimum of 9 credits. Prerequisite: THE 150H for majors, ENG 100C for non-majors. Cr 3.

Women's Studies

WST 220 Topics: Sexuality and Reproduction

This course examines sexuality, primarily in the United States, by focusing on changes in social interpretations of sexual norms and sexual practices. We will explore what has

been termed the "politics" of sexuality to determine how and why sexual mores and ethics evolve. The course has several related goals. First, by the end of the semester, students should have a more complete understanding of sexuality as a critical element of American social life. Students should also be able to construct an interdisciplinary analysis of social practices and ideologies. Finally, students should be able to examine current political debates by drawing upon theoretical and historical analysis. 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. Cr 3.

ACC 202 Principles of Management Accounting

This course deals with the selection and preparation of information which will serve to support and assist management in planning and controlling a firm's operations: the emphasis is on information needs for management decision making. Included are analysis of financial statements, changes in financial position, cost-volume-profit analysis, budgeting, income tax considerations, and quantitative techniques integrated with more traditional approaches. Prerequisite: ACC 201, computer proficiency or ABU 190. Cr 3.

ACC 313 Federal Tax Reporting

An overview of federal income tax laws as they affect individuals. Minor emphasis on partnerships, corporations, and related topics. Prerequisites: ACC 201 and junior standing. Cr 3.

ACC 460 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.

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 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 manage-

ment 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. Prerequisites: BUS 340 and junior standing. Cr 3.

BUS 371 Operations Research/Management Science

A survey of quantitative methods and tools which are commonly used in sophisticated managerial decision making. Mathematical models are constructed and applied, with the computer's aid, to a wide range of real world business situations. Topical coverage includes decision analysis, inventory models, network analysis, simulation, queuing models, applied stochastic processes, dynamic programming and non-linear programming. Prerequisite: Computer proficiency or ABU 190, MAT 212 and junior standing. 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.

Graduate Business

MBA 604 Probability and Statistics for Business Decision Making

An introduction to the concepts and use of probability and statistics as tools for business decision making. Prerequisite: MBA 603. Cr 3.

MBA 642 Managerial Behavior

Emphasis on the importance of the influence process, motivational settings, and the structural backgrounds of organizational status and social relations. Analysis through case discussion, readings, and experiential exercises will develop a conceptual framework for improving individual decision-making ability with respect to individual, group, and intergroup problems. 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 680 Organizational Strategy and Planning

Administrative practice at the higher levels of business management, with major emphasis of long-range executive planning of profit, sales, production, social goals, and objectives, and of strategies and policies to achieve these objectives. Coordinates all executive activities viewed as tools for use in developing administrative competence in the formulation of business policies at the decision-making level. Prerequisites: MBA 600, MBA 605, MBA 610, MBA 620, MBA 640, MBA 642, MBA 660. Cr 3.

MBA 685 Entrepreneurship and Business Formation

The entrepreneur's role in a technological society, with emphasis on the techniques and problems implicit in the launching of new enterprises or in their evaluation by investors. This course is designed for aspiring entrepreneurs and for the professionals or institutions with whom they interface when starting a business. Students are expected to have basic communication skills, a background (educational or experiential) in accounting and marketing, and a grasp of economics and the principles of management. Attention will be paid to emerging opportunities in Maine. Materials are discussed by the instructor or invited experts in a seminar format that requires student participation and assignments calling for research, report writing, and presentation. Cr 3.

Associate Business

ABU 100 Introduction to Business

An examination of the significant relationships between business and the social, political, and economic environment of our society for the purpose of evaluation of goals, values, ethics, and practices in the business world. Historical development of business and capitalism is covered. The industrial and commercial structures and functions in our society are described. Social relationships internal to the firms are explored. Special problems concerning mass production, automation, and employment are discussed along with other current and future issues and problems related to business and our society. Open only to freshman students. Cr 3.

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 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 221 Principles of Real Estate

This is an overview of real estate fundamentals, including rights and interest in land; forms of ownership; contracts; mortgages; ethics; home construction components; elements of listing and selling; as well as the comparative market analysis. This course will also include the state and federal rules and regulations that apply to license law, law of agency and the transfer of real property. Cr 3.

ABU 227 Introduction to Stocks and Bonds

This course provides the planning and management of investment programs for all types of investors. It evaluates the various media 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 260 Marketing

A study of the marketing organization with a focus on product policies, distribution policies, promotional and pricing policies. Market research is implemented by getting students involved in casework, controversial issues, and local business community projects. Prerequisite: ABU 102. Cr 3.

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 310 Money and Banking

This course examines the structure and operation of the financial system with major emphasis on commercial banking; reviews the structure of the Federal Reserve System and analyzes the tools of policy; develops alternative monetary theories; and discusses major issues in monetary policy. Prerequisites: ECO 201J, ECO 202J, and junior standing. Cr 3.

ECO 360 Economic Development

The theories and practices of interregional and international economic development. Special attention is given to developmental problems of emerging nations. Prerequisites: ECO 201J, and junior standing. 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.

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

This is an interdisciplinary approach to the study of the learning process. It explores origins and domains of learning theories. It analyzes how major theories view the learning process. The course applies theoretical content to motivation, concept development, classroom management, methodology and evaluation. Prerequisites: EDU 100 and HRD 333J (or concurrent). Cr 3.

EDU 303 Developmental Reading I

This is 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 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 equivalent. Cr 3.

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

In addition to acquainting the student with children's books, authors, and illustrations, this course is designed to help develop standards for evaluating children's books and prepare students for using their knowledge of children's literature in the classroom. It is intended as a survey course dealing with the utilization of library materials for children from pre-school through elementary school years. The student will be expected to read children's books widely and in depth. Prerequisite: junior standing. 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 198 Physiology of Health Fitness

The purpose of this course is to provide the student with a scientific background in exercise physiology and health concepts in order to develop and maintain a lifetime program of high level physical fitness and quality health. 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 511 Children's Literature

Designed for teachers who wish to develop a deeper understanding of the literature written for children ages 4-12, and who want to become competent and creative catalysts in bringing children to books. Attention is given to standards of selection, curriculum implications, and methods of using books to individualize reading instruction. Students are expected to read widely in juvenile collections in order to establish a basis for selecting appropriate literary fare. Cr 3.

EDU 515 Teaching Writing: Middle/Secondary Levels

This course is intended for teachers of grades five through twelve, in both language arts and content areas. "Writing as a process," covering the steps of pre-writing, writing, revision and editing, is the course focus. Topics include the use of writing not only for testing students' knowledge, but also for promoting content learning. 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 requires 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 of 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, morphological, 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 671 Organizational Behavior

This course is a systems approach to understanding and predicting human behavior within organizations. The course emphasizes analytical means to 1) reveal forces which affect decision-making and leadership behavior, and 2) identify implications for managerial functions. Basic concepts such as authority, influence, motivation, communication, conflict, pattern maintenance and tension management are discussed and applied. Cr 3.

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 678 School Law

The purpose of this course is to acquaint students with general principles of school law as found in the interpretation of constitutional and statutory provisions by the higher courts. Laws governing pupils, teaching personnel and boards of education will be stressed with particular emphasis on Maine school law. Cr 3.

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 613 Curriculum and Instruction for Children with Learning and Behavioral Problems

In this course, students will undertake a systematic exploration of effective instructional practices for mildly handicapped children. Topics will include direct instruction, cooperative learning, cognitive approaches to learning problems, as well as a review of exemplary curricular approaches. Students are expected to conduct a variety of classroom application projects and make an in-depth study to several specific approaches. 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 679 Consulting for the Resource Teacher

This course is for individuals who are responsible for the planning and the coordination of programs for exceptional learners. The focus of the course will be on utilizing a non-categorical, process-oriented approach to providing services for students.

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 handi-capped 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 690 Psychology of Adolescents with Disabilities

This course examines the growth and development of disabled adolescents from a social context. Society's historical treatment of disabled people and the effect social attitudes have on development will be addressed. Developmental theory presented through classwork and readings will be supplemented by research and interviews with adolescents and their teachers and families.

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 multidisciplinary 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 335 Educational Psychology

Basic principles, techniques, and research in educational psychology. A special consideration given to the learning process, perception, motivation, individual differences, and measurement, with reference to the facilitation of effective teaching and learning. Prerequisite: upperclass status.

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 adult 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 602 Counseling Services for Students with Exceptional Needs

This course focuses on the role of the counselor in working with students who have special learning needs. Content will include an overview of the historical development of special education laws and regulations, methods for assessing and identifying students with exceptional needs, guidance and counseling interventions and responsibilities, and parent consultation and community resource services.

Cr 3.

HRD 603 Consultation

This course is designed to introduce students to consultation skills that can be utilized for evaluating organizational structure and individual client management. 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 and HRD 690, or permission of the supervising professor.

Cr 3.

HRD 608 Career Development

This course will focus on the process of career development. Work will be addressed as an activity which has a primary impact on our lives. Career development will be examined as a process which continues throughout the life span. Different theories of vocational choice will be examined and various methods of assessing vocational interests and aptitudes will be explored. Special populations such as disabled, displaced homemakers, and elderly will be discussed. The overall emphasis of the course will be to explore, with participants, career development strategies used in school and community settings.

Cr 3.

HRD 615 Vocational Aspects of Disability/Placement in Rehabilitation

This course involves the practical application of job selection, analysis, modification, and development for the counselor of handicapped persons. The role, function and technique of the rehabilitation counselor in job placement of severely disabled persons will be examined. Employer and/or industry site visits may be arranged.

Cr 3.

HRD 620 Fundamentals of Counseling Skills

This course emphasizes the development of fundamental counseling skills such as attending behavior, listening, reflection of feeling, paraphrasing, and questioning. The course examines 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 self-knowledge and skills in interpersonal communication within the counseling relationship. Prerequisite: open to matriculated graduate students only.

Cr 3.

HRD 621 Fundamentals of Counseling Theories

This is a course for those who are or will be engaged in counseling in an educational or mental health type setting. Selected theories and techniques are closely examined. The research literature which has a bearing on the effectiveness or noneffectiveness of counseling will be reviewed.

Cr 3.

HRD 622 Counseling Young Children

This course is designed to review theories, techniques, and strategies used in counseling young children. Attention will be given to the examination of the counselor's role, the goals of counseling and developing relationships with children. In addition, students will be given the opportunity to explore the uses and techniques of non-verbal languages of counseling including play, dramatics, movement, art and music, and how they relate to child growth and development. Prerequisite: successful completion of HRD 620 or permission of the instructor.

Cr 3.

HRD 626 Group Process and Procedures

The course focuses on the basic principles of group development and on the dynamics of group interaction. The improvement of personal interaction processes and their application to other group settings will be emphasized.

Cr 3.

HRD 627 Group Counseling

The focus of the course is 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 629 Human Sexuality for Counselors

The aim of this course is to provide information about human sexuality, to heighten and individual's awareness of his/her own sexuality and of sexual issues, and to integrate this knowledge to improve the overall effectiveness of counseling skills. The course is designed to explore a wide spectrum of sexual behaviors and to examine the relationship between sexuality, self-esteem, sex roles and life styles. Emphasis is placed on developing an awareness of personal values associated with human sexuality. Prerequisite: HRD 620 or its equivalent.

Cr 3.

HRD 633 Managing Adult Education and Human Resource Development

This course examines the administrative and leadership skills necessary for the development and management of units such as adult education centers, continuing education offices, and training and staff development departments in profit and non-profit organizations. Particular attention is given to the development of mission statements, the use of advisory boards, community needs assessment approaches, developing goals and objectives, program development, personnel management, and the development of a management style.

Cr 3.

HRD 660 Life Span Development I

This course examines the process underlying growth, development and behavioral changes of humans, from conception through adolescence. The interaction of biological, cognitive, and psychological development during these earlier stages of the life span is described. Cr 3.

HRD 661 Life Span Development II

This course examines the processes underlying growth, development, and behavioral changes of human from young adulthood through old age to death. The interaction of biological, cognitive, and psychosocial development in adulthood is described. Cr 3.

HRD 662 Theories of Human Development

This course is designed to provide an understanding of the nature and needs of individuals at all developmental levels. It will examine major theoretical perspectives on life-span development and the philosophical and historical bases of these approaches. This examination will include an overview of cognitive developmental theories, personality theories, learning theories, the ethological perspective, humanistic theories, and theories of adult development. Cr 2.

HRD 663 Child and Adolescent Development

This course is designed to provide an understanding of the nature and needs of individuals at all developmental levels. It will examine the processes underlying growth, development and behavioral changes from conception through adolescence. The interaction of biological and environmental factors will be considered in studying physical, cognitive, social and emotional development during these early stages of the life span. Prerequisite: HRD 662 or permission of instructor. Cr 2.

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, mores 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 tests and related measurement techniques. The course content will include a review of the history of testing, current issues, fundamental statistics for understanding, using, and evaluating tests, including selected aptitude, intelligence, achievement interest and personality tests. In addition, other standardized and non-standardized evaluation measures will be reviewed. 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 in Counselor Education

This course provides an opportunity for the student to integrate formal coursework with on-the-job experience in selected helping institutions. The course may be taken for 1 to 12 credit hours and is a post-practicum (HRD 690) experience. Prerequisite: approval of the supervising professor. 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 693 Life Stories/Personal Myth Making

This course serves as a reflective component of the master's program for counselors, educators, administrators, and other service-providing professionals. It also offers a theoretical and methodological framework for the in-depth study of individual lives. As a course in autobiographical reflection, the underlying assumption is that telling the stories of our lives is an important way of uncovering the personal truth in our lives. As a course in theory and research, it takes an historical look at the study of lives approach to defining personality development across time, drawing upon the writings of those from various disciplines who use personal narratives and life stories as primary documents. This seminar uses a workshop approach, combining autobiographical writing, personal myth making, writing circles, and life story interviews to better understand process and pattern in life cycle development from a subjective point of view. 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.

Professional Development Center**EDW 472 Newspapers in Education**

Through hands-on experiences and modeling, participants will learn to create and adapt highly motivating newspaper activities to teach concepts and skills in any subject or grade level. Emphasis is placed on classroom applications of educational research on collaborative learning, learning styles, thinking skills, whole brain processing, and integrated instruction. Cr 3.

EPD 511 Middle and High School Level Institute

The program's focus is on teaching and knowing adolescents with emphasis on how to develop and restructure schools that provide quality education. The institute encourages school system teams to attend and identify a specific educational project prior to the course. This project will provide the focus for the week's work and be implemented during the 1992-93 school year. This is a fee course. Contact the Professional Development Center for more information. Cr 3.

EPD 521 Instructional Strategies and Materials for Teaching Gifted Students

This course is for individuals who are concerned with meeting the needs of gifted learners in the regular classroom as well as in pull-out programs. The focus of the course will be on providing educators with practical techniques for selecting, adapting, and using teaching strategies and instructional materials for working with gifted students. Basic theory for using specific strategies will also be presented. Emphasis will be placed on designing learning experiences that match the needs of learners and the expected student outcomes. 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 558 Guiding the Social and Emotional Development of Gifted Youth

Gifted children and adolescents experience some unique developmental issues of a social or emotional nature. This course reviews some of these areas, including understanding talents, peer relationships, college and career guidance, and developing a satisfying philosophy of life. Methods and materials found effective in addressing all of these concerns will be highlighted through this course. Cr 3.

EPD 560 Middle School and the Gifted Learner

This course will address the middle school philosophy as it relates to the gifted learner and will examine ways in which the traditional philosophy of gifted child education interfaces with middle school education. Topics for the course will include (1) meeting the affective and the academic needs of students; (2) examining the relationship between affective and academic curricula; (3) selecting and utilizing instructional strategies, including cooperative learning and grouping/regrouping to meet the needs of students; (4) considering various practices of placement; and (5) working with other educators to develop and manage programs. Cr 3.

EPD 571 Curriculum and Human Well-being

This course explores the relationship between curriculum and human well-being within the context of societal stresses and their educational implications. Course activities will enable participants to apply the latest understandings of curriculum and instruction to the pressing social issues facing them as educators. Cr 3.

EPD 574 Middle School Literacy: Interdisciplinary Approach

A unique "hands-on" workshop for middle school teachers who are interested in designing and implementing an interdisciplinary curriculum that integrates the teaching of reading and writing across the disciplines. The focus will be on incorporating appropriate adolescent literature, addressing content area literacy requirements and designing effective classroom management plans. Cr 3.

EPD 575 Accelerating Reading and Writing Growth: Primary Grades

A practitioner's workshop conducted by a highly successful early literacy tutor. Focus will be on techniques for "jump starting" the reading and writing development of reluctant first and second graders. Topics will include motivation, immersion models, shared book experience, children's literature, writing process, involving parents and portfolio assessment. Cr 3.

EPD 576 Designing a Developmental Reading Program in Grades 6-12

This course provides a study of the characteristics of an exemplary developmental reading program for upper grade students who need to refine and extend their literacy development. Topics will include: self-selected reading (time, choice, and sharing), teacher directed study of literature (selection, literary elements, format, and student response), a model for the strategic reading of fiction, and model units. 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 the Macintosh Computer with Special Needs Students

This course will examine the specialized use of the Macintosh computer with students with special needs. Introductory material will focus on the basic operational procedures of the Macintosh. The uses of Macintosh software and how the software can enhance learning processes will be explored. Special adaptations of the Macintosh for students with special needs will be demonstrated. No previous experience with the Macintosh is required. Cr 3.

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

This institute explores educational telecomputing as a vehicle for communication among K-12 students, teachers, and administrators as well as many 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 1) promoting educational improvement through teacher exchanges, 2) facilitating student motivation to write and read through use of technology, and 3) the reducing of teacher and administrator isolation by providing access to colleagues in school/college and corporate settings. Cr 3.

EPDI 518 Introduction to Computer Applications for Teachers

The purpose of this course is to provide educators with the knowledge and skills needed to use computer technology to promote learnings across the curriculum. The course is designed to give teachers and administrators with no previous experience an organized introduction to the instructional uses of general purpose computers and computer-related technologies. Cr 3.

EPDI 521 Using HyperCard in Special Education

This advanced 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 ap-

plications with regard to various disabilities will be discussed. Existing HyperCard special education-related applications will be evaluated. Prerequisite: EPDI 502. Cr 3.

EPDI 522 Helping Families Help Children

This course presents brief strategies for intervening with child and adolescent behavior problems, including cognitive and behavioral approaches, family consultation, and family therapy. This "systemic" approach will be useful to counselors who must practice in a time-efficient format. Cr 3.

EPDI 523 College Counseling for High School Counselors

This course will address topics of interest to school guidance counselors, counselors-in-training, educational consultants, and other professionals who work with college-bound students. Topics to be explored will include: preparing juniors, the anatomy of an application, campus visits and interviews, standardized testing and college admissions, financial aid, working with parents, counseling special populations, office resources, and professional ethics and development. Cr 3.

EPDI 524 Creating Environments for Young Children: PS-3

Designed for educators in programs for preschool through grade three children, this course provides demonstration and practice of strategies for designing learning environments appropriate to the developmental stages of young children. Included among those elements to be examined in their relationship to developmental environments are the following: design of physical space, preparation of learning experiences and materials, and classroom management. Cr 3.

EPDI 526 Software Evaluation for Teachers

This course will prepare teachers to select software to meet the curriculum needs and learning styles of students. The learner will acquire skills in methods of software evaluation and the integration of simulations and other electronic learning environments with traditional classroom media. Cr 3.

EPDI 527 Educational Implications for the Language 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 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 538 Teaching for Social Responsibility: The Gender Issue

This institute is designed to examine the gender issue as it exists within the context of teaching for social responsibility. The aim of the institute is to enable educators and students to create inclusive classrooms and schools. Key issues such as communication patterns, conflict resolution strategies, differing perspectives, and leadership styles will be explored. Cr 3.

EPDI 548 Leadership Training in Experiential Education and Learning

Designed to blend the process and interdisciplinary approach of experiential education with more traditional forms of learning, this course for teachers will be held at USM's Outdoor Learning Center at Wolfe Neck Farm. The focus of the course is to provide teachers with experiential oriented programs and learning experiences, both direct and vicarious, in self-assessment, group dynamics, value formation, curriculum development and evaluation. Cr 3.

EPDI 555 The Math Solution K-8

EPDI 556 The Math Solution 9-12

EPDI 559 The Math Solution Level 2

The Math Solution courses use practical, classroom-tested strategies to examine the issues that affect long-term learning. Participants explore teaching methods that move instruction away from an emphasis on rules learned by rote to mathematics learning that encourages the development of thinking and reasoning. It is through a problem-solving focus that students are provided opportunities to learn mathematics with understanding. Cr 3

EPDI 561 Law-Related Education Institute

This institute offers middle, secondary, adult education, and juvenile corrections teachers the opportunity to become teachers of law-related information. Law School faculty will address the purpose of law, legal process, legal reasoning and constitutional issues. Two substantive law-related education curriculum areas, the Bill of Rights and Street Law, will be addressed. Cr 3.

EPDI 566 Rediscovering the Math Learner Within

This course, designed for practicing elementary school teachers, will immerse participants in a study of numbers and operations on those numbers. Participants will be teachers who view themselves as reluctant mathematics learners, yet feel willing to examine that reluctance and learn mathematics anew. Participants will be expected to improve in their own understanding of the topics presented, assess their understanding, read and discuss mathematical ideas, and explore real world applications. Note: This course is grant funded and participants will apply for admission. Cr 3.

EPDI 567 Global Dialogues: A Study Mission to Scandinavia and the Baltic States

The International Educational Center (IUC) is offering to teachers from the United States, Canada, Eastern and Western Europe a three-week travel study tour of Scandinavia and the Baltic States. Participants will explore the dynamic changes occurring in the Baltics, design ways of integrating global studies into classroom teaching, and form an international network of resources through telecommunications. Cr 3.

EPDI 569 Personalizing the NCTM Standards: A Math Course for K-6 Teachers

This course examines the NCTM Curriculum and Evaluation Standards for School Mathematics. Course participants will expand/refine their knowledge of the Standards, use course concepts/strategies to teach children on-site, and prepare lessons and authentic assessment tasks for use in their own classrooms. Cr 3.

EPDI 592 Child Abuse and Neglect: An Interdisciplinary Perspective

This course examines child abuse as it relates to other issues confronting families and communities, such as domestic violence and substance abuse. It begins with an in-depth study of child abuse in all its forms, and includes presentations from experts in the fields of treatment, law enforcement, child welfare, and prevention. The goals of this course are to train professionals to work with at-risk children more effectively, and to create environments that empower children and raise self-esteem. Cr 3.

HRD 554 Institute in Gerontology Education: Aging and Life Review

This course examines the process of life review and its role in human aging. The phenomena of memory, imagination, and identity in later age will be examined. Participants will develop practical methods of facilitating life review for themselves and older clients. There will be a substantial amount of reading required prior to the first class. After June 1, students must obtain permission of the instructor to register. Cr 3.

HRDX 614 Principles of Psychosocial Rehabilitation

This introductory course in psychosocial rehabilitation emphasizes the consumer's capabilities and aspirations. Assessment, goal setting, skill-building, and evaluation will be examined in relation to increasing independent living abilities. Methods of establishing support systems will be studied. Examples of the application of psychosocial rehabilitation principles in community and institutional settings will be reviewed. 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 to apply the learning workplace concept in an actual work organization. This course counts toward the requirements of the training and development concentration. Prerequisite: matriculated student, alumna/us, or permission of instructor. Cr 3.

Lewiston-Auburn College

MOS 385 Internship in Management and Organizational Studies

Prerequisite: MOS 300 and two 300/400 level MOS courses. Cr 3.

Edmund S. Muskie Institute of Public Affairs

PPM 550 Media and Public Policy

This course provides an introduction to the relationship between the press and public policy, focusing on social issues at the state

and national level. It is designed to make students aware of the often overlooked influence of the media on the outcome of policies and to help policymakers deal professionally with print and TV media. Cr 3.

PPM 643 Fiscal Analysis for Growth Management

This course introduces students to the methods and techniques of evaluating, monitoring and managing the short and longer term fiscal effects of community change. Designed for planners, local government managers, and elected officials, this course emphasizes the application of fiscal tools to decision making and planning problems. Specific topics include fiscal impacts of growth, assessing financial condition, infrastructure finance and debt analysis. Cr 3.

PPM 666 Environmental Policy and Planning

This course is a seminar on environmental issues in Maine, New England and the nation. Topics may include air quality, water quality, toxic and hazardous waste management, solid waste management, wildlife habitat, landscape degradation. Federal, state and local roles in reconciling natural resource threats, economic growth, property rights and the public interest will be explored. 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 1991-1992 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 230 Programming in COBOL

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

Engineering

ELE 100 Introduction to Engineering

This course provides basic understanding of engineering methods and use of computers as engineering tools. Word processing, engineering calculations, data processing, graphics, computer-aided drafting, principles of design, and report writing are discussed and the learning of computer skills associated with each topic is included. A simple design project and report are among the requirements. Prerequisites: none. Typing skills are useful. Cr 3.

Technology

IEP 699 Independent Study

IEV 310 Methods and Materials of Instruction in Vocational Education

This course treats the general and specific materials and methods of teaching vocational courses. It deals with both the theoretical and practical aspects. Prerequisites: IEV 300 and IEV 305. Cr 3.

IEV 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.

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.

ITP 370 Job/Work Analysis

The course in job analysis is basic to the functional aspects of work involved in producing goods and services in our economy. It is a first course in applied research, helping the technology major to understand the importance of being methodical in one's study and one's work. There is also emphasis in the course on career development, work design, work ethic and work productivity. A semester project requires students to analyze a job in terms of relevant duties, tasks, job methods and requirements. 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 ITTI 440, consult your advisor.

School of Nursing

NFS 252 Human Nutrition

This course is designed to show how the given nutrients serve to meet the metabolic processes required for life. Prerequisites: Anatomy and Physiology; General and Organic Chemistry; Biochemistry. For challenge information of NFS 252, contact the School of Nursing. Cr 3.

NUR 200 Introduction to Professional Nursing

This course introduces the student to historical and contemporary perspectives regarding the nature and scope of professional nursing. It explores the relationship between professional nursing and the broad base of theoretical and empirical knowledge derived from the behavioral and physical sciences and the humanities. It examines the role of the nurse as communication and caregiver with a diverse, multi-cultural population in a variety of settings. Open to any sophomore standing University student. Cr 3.

NUR 304 RN Transition to Professional Nursing

This course introduces the RN student to the nature and scope of professional nursing. The student studies the 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 initiated. 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: NUR 200 or RN license. Cr 5.

NUR 309 Total Health Assessment

This course introduces and develops the knowledge and skills necessary to conduct an in-depth bio-psycho-social-cultural health assessment of well individuals across the life span. Emphasis is placed on data collection through development of communication, interviewing, history-taking and physical examination skills, and data synthesis with identification of nursing diagnoses. Open to RN students only in the School of Nursing. Permission of the instructor required for non-nursing majors. Cr 3.

NUR 395 Holistic Health Institute

See Special Programs section of this catalog.

NUR 400 Nursing Process III

In this course, theory and research findings are presented on the use of the nursing process in the health promotion, maintenance, restoration, and adaptation of individuals, families, and groups with long-term alterations in health. Students study the needs of

clients at different developmental stages, in a variety of health care settings, and representative of a culturally diverse society. Multiple nursing roles, including collaborator and coordinator, are examined, with emphasis on nursing functions in management and change of health behaviors. Prerequisite: NUR 305 and NUR 355. Concurrently: NUR 450. Cr 3.

NUR 401 Health-Related Research

This is an 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. Prerequisite: Statistics; NUR 305 and NUR 355; RN or senior standing in the School of Nursing; or permission of instructor. Cr 3.

NUR 450 Nursing III Laboratory

In this course, the student utilizes knowledge of theory and research findings in caring for people with long-term alterations in health. The application of the nursing process continues to be emphasized. This experience provides the student with the opportunity to care for culturally diverse individuals, families, and groups in a variety of health care facilities. The nurse's role in collaboration and coordination is introduced. Students must be enrolled in NUR 400 concurrently. Cr 4.

NUR 577 Historical Foundations of Nursing

By exploring the trends and the contexts of the times in which key events occurred, this course provides an overview of the historical foundations of nursing. Nursing history will be viewed from both the vantage point of the contributions of nursing leaders and from the perspective of the average working nurse. Theoretical issues and research methods essential for historical inquiry, including the use of primary source documents, are emphasized. Cr 3.

Recreation and Leisure Studies

REC 110 Introduction to Recreation and Leisure Services

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 cardiac emergencies, artificial respiration, wounds, poisoning, sudden illness, burns, and other topics. Successful completion of the course requirements will lead to advanced first aid and C.P.R. 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.



SUMMER SESSION
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