

1991

University of Southern Maine Course Catalog Summer 1991

University of Southern Maine

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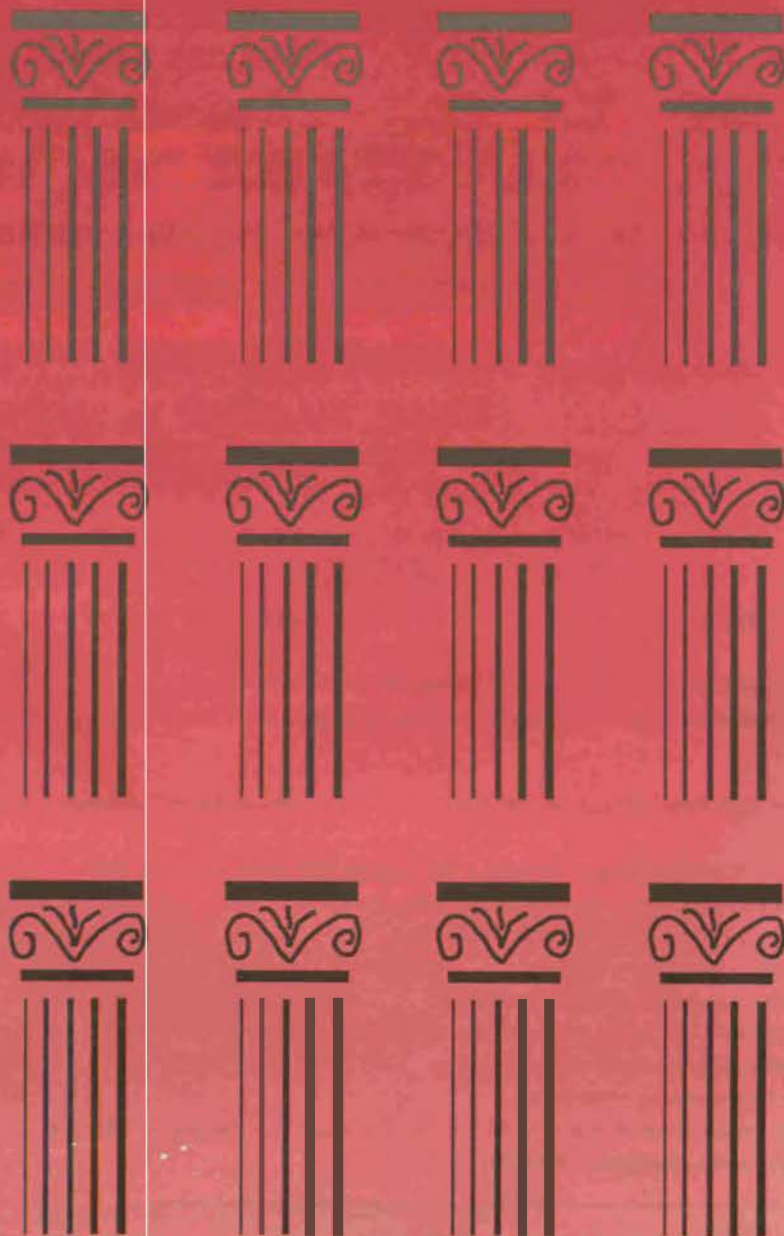
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1991



UNIVERSITY
OF SOUTHERN
MAINE

Summer Session

SUMMER INFORMATION 1991

Registration begins Monday, March 25 and continues through the beginning of each session.

	<i>7-Week Session</i>	<i>4-Week Session</i>	<i>6-Week Session</i>	<i>7-Week Session</i>	<i>4-Week Session</i>	<i>Variable Session</i>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
	<i>May 13- June 28</i>	<i>May 13- June 7</i>	<i>June 24- August 2</i>	<i>July 1- August 16</i>	<i>July 15- August 9</i>	<i>Variable Dates</i>
Residence Halls Open	Sun., May 12 2:00 p.m.	Sun., May 12 2:00 p.m.	Sun., June 23 2:00 p.m.	Sun., June 30 2:00 p.m.	Sun., July 14 2:00 p.m.	Arranged
First Day of Classes	Mon., May 13	Mon., May 13	Mon., June 24	Mon., July 1	Mon., July 15	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 re- fund	May 10	May 10	June 21	June 28	July 12	Variable
Last Day to DROP with no grade notation	May 17	May 15	June 28	July 8	July 17	Variable
Last Day to WITHDRAW With Grade of 'W.'	June 7	May 24	July 16	July 25	July 29	Variable
Session Ends	June 28	June 7	August 2	August 16	August 9	Variable

Holidays:

University closed on Monday, May 27, Memorial Day and Thursday, July 4, 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

Residence Life • 100 Upton Hall (Gorham) • 780-5240

Student Billing Office • 128 Payson Smith (Portland) • 780-5200 • 110 Corthell Hall (Gorham) • 780-5200

Summer Session • 106 Payson Smith (Portland) • 780-4076

Extended Hours for Registration*

Portland Advising Center • 122 Payson Smith • May 13-14 • July 1-2 • (8:00 a.m.-7:30 p.m.)

Summer Session Office • 106 Payson Smith • May 13-14 • July 1-2 • (8:00 a.m.-7:30 p.m.)

Student Billing Office • 128 Payson Smith • May 13-14 • July 1-2 • (8:00 a.m.-7:30 p.m.)

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.

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The University of Southern Maine shall not discriminate and shall comply with applicable laws prohibiting discrimination on the grounds of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, handicap, or veterans status in employment, education, and all other areas of the University. The University of Southern Maine does not discriminate on the basis of handicap in admission or access to, or treatment or employment in, its programs and activities, in compliance with Section 504 of the Rehabilitation Act of 1973 and its implementing regulations. In addition, the University of Southern Maine does not discriminate on the basis of sex in its educational programs or activities, in compliance with Title IX of the Education Amendments of 1972 and its implementing regulations. Discrimination inquiries about the application of Section 504 or Title IX should be directed to Sue Ellen Bordwell, EEO Director, 7 College Avenue, Gorham, Maine 04038. Telephone number: 780-5171. Inquiries about both areas may also be referred to the Office of Civil Rights, U.S. Department of Education, Region I, John W. McCormack Post Office and Courthouse Building, Boston, MA 02109.

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.

UNIVERSITY OF SOUTHERN MAINE

The University of Southern Maine (USM) is a coeducational, public university located in Portland and Gorham, Maine, with an enrollment of over 10,000 students during the regular academic year. The University is accredited by the New England Association of Schools and Colleges. During the summer, over 4,000 students attend classes and take advantage of the abundant recreational activities offered in southern Maine. With its two campuses, USM combines the resources of a large university with the more personal approach of a smaller college.

The University operates from 8:00 a.m. to 9:40 p.m., offering classes in liberal arts, teacher preparation, nursing, business, and law. Over 350 credit and noncredit courses will be available to students during the summer of 1991. In addition, unique institutes and programs including the prestigious Stonecoast Writers' Conference, courses for music educators, a Holistic Health Institute and several institutes for teachers will bring people together to share ideas, develop professional expertise, learn new skills, or extend interest.

The campuses of USM offer a number of unique points of interests—a blend of the old and the new. On the Gorham campus, which is more than 100 years

USM is part of the rich past, the dynamic present, and the exciting future of southern Maine.

old, is the McLellan House, dating from 1773 and believed to be the oldest brick house in the state of Maine. The Art Gallery, built in 1878, was an early Gorham town hall. Corthell Hall was built in 1878 and named 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 Center for Research and Advanced Study, which houses the School of Law and many University administrative offices; and a modern 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 in the downtown area, as well as a site for USM's Community Television System.

Summer in Maine—a blend of educational, cultural, and recreational activities.

Students are encouraged to take advantage of the University's ideal location. An attractive vacation area, southern Maine offers many activities for visitors in the summertime. 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. In addition, the surrounding lakes, mountains, and fabulous 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.



INSTITUTES FOR EDUCATORS

The Professional Development Center 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, inservice academic, and continuing education. For information, please call (207) 780-5326.

Office Staff

Director: George Lyons

Assistant Director: Joyce Martin

Staff Associate: Carol LaMontagne

Secretary: Alicia Marcinczyk

Institutes for Educators 1991

* In Celebration of Children's Literature (July 10-12)

* Interpreting I: Orientation to Deafness (July 8-12)

* Chapter I: Literacy Curriculum (August 5-9)

* Ecology of Children at Risk: Effecting Change (July 15-17)

* Whole Language Teaching

* Early Childhood Connections (July 24-26)

EDW 472-51 Newspapers in Education

EPD 503-51 Arts Education Institute

EPD 507-51 Language Acquisition

* EPD 511-51 Middle Level Institute

EPD 520-51 Southern Maine Writing Project

EPD 521-51 Instructional Strategies and Materials for Teaching Gifted

EPD 523-51 Institute on Ethics, Leadership, and Futurism for the Gifted

EPD 524-51 Underachievement and Gifted Students

EPD 527-51 Educational Implications: Language Learning Disabled

EPD 532-51 Teaching Thinking and Problem-Solving Skills in the Classroom

EPD 542-51 Social Process and the Culture of Schools

EPD 550-51 Curriculum Evaluation

EPD 551-51 A Holistic Approach to Curriculum

* EPD 552-51 Model Curriculum: Island Institute

EPD 555-51 Programs for Gifted/Talented Students with Artistic Ability

EPDI 500-51 Childhood Development for Early Childhood Educators

EPDI 501-51 Cooperative Learning

EPDI 502-51 Using the Mac Computer with Students with Special Needs

EPDI 530-51 Storytelling Institute

EPDI 552-51 Planning and Administration of Programs for Gifted/Talented

* EPDI 555/556/559-51 The Math Solution K-8/9-12/Level II

* EPDI 561-51 Law-Related Education Institute: With the Law in Mind

HRD 602-51/-52 Counseling Services for Students with Exceptional Needs

HRD 645-51 Gerontology: Aging, Death and Bereavement

* Use Request for Information form below for these courses. Information for all other courses available on page 35.



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.

FIELD CAMPS

Archaeology Field Camp **GYA 300**

June 3-June 28

The summer field school is designed to combine training in research methods of archaeology and geography. Students will receive intensive training in methods of site survey excavation and materials analysis. Several weeks will be spent at selected areas of coastal Maine involved in survey and excavation of sites, mapping sites and landscape features, and investigating potential food resources in site areas. This will be followed by some laboratory analysis of recovered materials. This course may be repeated up to twice with the permission of the instructor. For more information contact: Nathan Hamilton, Geography and Anthropology, USM 37 College Ave., Gorham, ME 04038, (207) 780-5320 or the Summer Session office at 780-4076.

Historical Archaeology **GYA 499**

August 5-31

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 off-shore 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 Smuttynose 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.

Readers Theatre Institute

July 7-26

Paris, France

Readers theatre stages many kinds of literature, not just plays, in a variety of performance styles. Coursework will cover scriptmaking, direction, performance, voice and diction, and storytelling and creative dramatics. The program includes 65 hours of daily morning classes, 30 hours of laboratory and 48 hours of field trips. The course is based in London every other year and in another major European city in alternate years. This year's Institute will be held in Paris. The Institute is directed by William Adams, professor of speech communications at San Diego State

University. Walter Stump, professor of theatre at USM, will be faculty for the course. For more information, contact Summer Session at (207) 780-4076.

SPORT PSYCHOLOGY INSTITUTE

June 27-29

This is a three-day institute that will examine a number of current issues in sports psychology. Topics include: 1) history and current status of sport psychology; 2) home advantage: myth or reality; 3) analysis of psychological momentum in sport; 4) psychological rehabilitation of the injured athlete; 5) sport psychology and the olympic athlete; 6) psychosocial factors influencing competitive sport participation of young athletes and 7) other 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

August 1-3

This three-day workshop will examine current issues in child mental health, including topics such as early childhood autism, child firesetters, non-compliant children, conduct disorders in children and other related 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

July 31-August 2

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 such as massage, acupuncture, therapeutic touch, exercise and the relationship between psychotherapy and spirituality 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.

CHORAL MUSIC WORKSHOP

June 24-28

This is an intensive one-week workshop focused on the art of choral conducting and choral voice building. Gudrun Schröfel-Gatzmann, music professor at the Musikhochschule Hannover and associate conductor of the Mädchenchor Hannover, will lecture and lead discussions about the process of vocal development in choral rehearsals. Robert Russell, director of choral music at USM and conductor of Portland's Choral Art Society, will lecture and lead discussions about the process of score study, rehearsal preparation, and choral conducting. Class members will have the opportunity to conduct rehearsals of the lab chorus. The music of Mozart will be the center of this workshop, specifically the *Credemesse* and the *Requiem*. For more information or to register, contact Summer Session at (207) 780-4076.

DALCROZE EURHYTHMICS I WORKSHOP

July 15-26

The basis to the Dalcroze approach to music learning is the constant interaction of rhythmic movement with aural perception, ear training and improvisation. This workshop will offer classes in rhythmic movement, ear training, improvisation and Dalcroze pedagogy. The purpose of the workshop is to offer music educators (preschool through college) a fundamental knowledge of Dalcroze principles and a practical application of those principles to performance and teaching. For more information or to register, contact Summer Session at (207) 780-4076.

STONECOAST WRITERS' CONFERENCE

Portland Campus

July 28-August 9

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, call 780-4076.

The Courses

Screenwriting Workshop ENG 299

This course will accommodate various levels of screenwriting expertise. Students will learn to tell a story in purely visual terms. Workshops will also focus on the formulas and format of screenwriting, and on pacing, dramatic tension, and character. Short clips from films will be analyzed for craft.* Cr. 3

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 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 Writing 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 201 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: Child Care Centers
Portland Campus, Intown Center-Portland, and Gorham campus.

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

Evening Program

Ages: 3 years to 13 years
Dates: Year Round
Hours: 2:45 p.m.-11:45 p.m.
Hourly rates

Location: Child Care Center, Portland Campus

Featuring child-centered programs of fun and discovery through hands-on experiences and recreational activities.

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

Camps

USM Day Camp
Ages: 6-13 years
Dates: July 1-August 23
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 6-14

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 Bowdoin, all professors at the University of Southern Maine. For more information, contact the Department of Conferences at 874-6506.

SWISH Basketball Camp

Sr. Boys' Camp: June 30-July 5
Jr. Boys' Camp: July 28-August 2
Girls' Camp: August 4-9

The SWISH Basketball Camp provides top-quality instruction in all phases of basketball to boys and girls entering grades 7-12. 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.

OTHER USM PROGRAMS

STIX Field Hockey Camp **Ages: Girls entering grades 9** **through 12** **Dates: July 7-12**

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 Boys** **June 23-28**

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 21-26** **Boys' Week (ages 10-17):** **July 14-19**

In its 16th year, the USM Summer Soccer School has developed into one of the best soccer programs in New England. Directed by Gary Fifield, USM men's soccer coach, 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.

For more information or to register...

Day Camps, contact USM Child Care Services, 780-4125.

All Other Programs, contact Department of Conferences, 874-6506.

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

Certificate Program for Paralegals—This program provides a sequence of courses leading to a certificate in the broad range of legal services known as general practice. The program is designed primarily for part-time students. For more information, contact the USM Community Programs Office at 68 High Street, Portland, at (207) 874-6500.

Certificate Program in Personal Computer Management—This program is designed for part-time students who have several years of on-the-job computer experience as end-users, support staff, or as coordinators/managers. The curriculum is appropriate for individuals from any size organization who have responsibility (or would like to have responsibility) for managing personal computers. For more information, contact the USM Community Programs Office at (207) 874-6500.

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 also offers appraisal courses towards licensure in the state of Maine as well as seminars, videos, and correspondence courses in investments, property management, finance construction, and other related areas. For more information, write Center for Real Estate Education, USM, 68 High Street, Portland, ME 04101 or call (207) 874-6520.

COURSE SCHEDULE

9

SESSION DATES

Session 1 May 13-June 28 (7 weeks)
 Session 2 May 13-June 7 (4 weeks)
 Session 3 June 24-August 2 (6 weeks)
 Session 4 July 1-August 16 (7 weeks)
 Session 5 July 15-August 9 (4 weeks)
 Session 6 Variable

HOLIDAYS

- May 27 (Memorial Day)
- July 4 (Independence Day)

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;
 B=Bath/Brunswick 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=Corthell 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)				
G6115	AED 412	LEC	ART EDUCATION CURRICULUM	AS	3.0	9:00- 3:00P	MTWTH	MOORE, JOANNA	6
THIS COURSE MEETS JULY 8-JULY 18.									
P1116	ARH 111G	LEC	ART HIST:PREHIST TO MEDIEVA	AS	3.0	7:00- 9:40P	TTH	BAXTER, JEAN	1
P4118	ARH 112G	LEC	ART HIST:RENAISSANCE TO MOD	AS	3.0	7:00- 9:40P	MW	TBA	4
P2117	ART 101G	LEC	APPROACHES TO ART	AS	3.0	8:15-11:30A	MTW	BURK, GEORGE	2
G6119	ART 231	STU	CERAMICS	AS	3.0	8:30- 4:30P	MTW	CYR, ELAINE J	6
THIS COURSE MEETS JUNE 24-JULY 17.									
P6120	ART 259	STU	LANDSCAPE DRAWING	AS	3.0	8:30- 4:30P	MTWTHFS	BURK, GEORGE	6
THIS COURSE MEETS AUGUST 5-AUGUST 17.									
P6121	ART 269	STU	LANDSCAPE PAINTING	AS	3.0	8:30- 4:30P	MTWTH	RAKOVAN, LAWRENCE F	6
THIS COURSE MEETS JUNE 3-JUNE 20.									
G6123	ART 271	STU	PHOTOGRAPHY	AS	3.0	8:30- 4:30P	MTWTH	TBA	6
THIS COURSE MEETS JULY 22-AUGUST 8									
P6122	ART 363	STU	WATERCOLOR	AS	3.0	8:30- 4:30P	MTWTH	BEARCE, JEANA	6
THIS COURSE MEETS JULY 8-JULY 26.									
ARTS AND SCIENCES		MAURICE CHABOT			235 SCIENCE BUILDING (780-4247)				
P1009	ARS 123	LEC	TOPICS IN HUMAN SEXUALITY	AS	3.0	7:00- 9:40P	TTH	MAZER, RONALD S	1
BIOLOGY		PATRICIA O'MAHONEY-DAMON			206 SCIENCE BUILDING (780-4263)				
P1133	BIO 105K	LEC	BIOLOGICAL PRINCIPLES I	AS	3.0	10:00-12:40P	TTH	GAINNEY, LOUIS F	1
P1134	BIO 106K	LAB	LABORATORY BIOLOGY I	AS	1.5	1:30- 4:20P	TTH	BONANG, CLAUDE B	1
P4448	BIO 211	LEC	HUMAN ANATOMY & PHYSIOLOGY	AS	4.0	8:30-10:20A	MW		4
						10:00-11:50A	TTH		
P4449	BIO 212	LAB	PRAC ANAT & PHYSIOLOGY	AS	1.5	1:00- 3:50P	TTH		4
P1135	BIO 281	LEC	MICROBIOLOGY & HUMAN DISEAS	AS	3.0	8:15-11:30A	MW	NAJARIAN, HAIG H	1
P1136	BIO 282	LAB	MICROBIOLOGY&HUMAN DISEASE	AS	2.0	8:15-12:30P	TTH	NAJARIAN, HAIG H	1
P1137	BIO 282	LAB	MICROBIOLOGY&HUMAN DISEASE	AS	2.0	1:00- 5:15P	TTH	NAJARIAN, HAIG H	1
P1138	BIO 345	LEC	PATHOPHYSIOLOGY	AS	3.0	9:00-11:40A	TTH	O'MAHONEY-DAMON, PAT	1
P6139	BIO 441	IND	PROBLEMS IN BIOLOGY	AS	VAR			O'MAHONEY-DAMON, PAT	6
CHEMISTRY		JOHN RICCI			370 SCIENCE BUILDING (780-4736)				
P1001	CHY 101K	LEC	INTRO TO CHEMISTRY	AS	3.0	6:00- 8:40P	MW	TBA	1
P1002	CHY 102K	LAB	INTRO TO LAB MEASUREMENT	AS	1.0	5:00- 6:00P	TTH	NEUWIRTH, VICTOR J	1
						6:00- 8:00P	TTH		
P1057	CHY 102K	LAB	INTRO TO LAB MEASUREMENT	AS	1.0	1:00- 2:00P	TTH	NEUWIRTH, VICTOR J	1
						2:00- 4:00P	TTH		
P4003	CHY 103	LEC	INTRO ORGANIC BIOCHEM	AS	3.0	6:00- 8:40P	MW	TBA	4
P1004	CHY 115	LEC	PRINCIPLES CHEMISTRY II	AS	3.0	5:30- 8:10P	TTH	GORDON, NANCY R	1
P1005	CHY 116	LAB	LABORATORY TECHNIQUES II	AS	1.0	1:00- 2:00P	MW	NEUWIRTH, VICTOR J	1
						2:00- 4:00P	MW		

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
P1058	CHY 116	LAB	LABORATORY TECHNIQUES II	AS	1.0	5:30- 6:30P 6:30- 8:30P	MW	NEUWIRTH, VICTOR J	1
P6006	CHY 411	LEC	SPECIAL TOPICS	AS	VAR			RHODES, W GALE	6
P6007	CHY 412	LEC	SPECIAL TOPICS	AS	VAR			RICCI, JOHN S	6
P6432	CHY 413	LEC	SPECIAL TOPICS	AS	VAR			GORDON, NANCY R	6
P6008	CHY 416	LEC	SPECIAL TOPICS	AS	VAR			NEWTON, THOMAS A	6
COMMUNICATION LEONARD SHEDLETSKY 218 BAILEY HALL (780-5034)									
P1209	COM 102J	LEC	INTRO TO COMMUNICATION	AS	3.0	7:00- 9:40P	TTH	ROSEN, SANDRA D	1
P1210	COM 102J	LEC	INTRO TO COMMUNICATION	AS	3.0	4:00- 6:40P	TTH	ROSEN, SANDRA D	1
P2211	COM 102J	LEC	INTRO TO COMMUNICATION	AS	3.0	12:30- 3:45P	MTW	ELOWITCH, ILENE	2
P3208	COM 102J	LEC	INTRO TO COMMUNICATION	AS	3.0	12:30- 3:45P	TTH	REYNOLDS, BEATRICE	3
P4212	COM 272	LEC	PERSUASION	AS	3.0	4:00- 6:40P	TTH	REYNOLDS, BEATRICE	4
P1213	COM 284	LEC	INTRO TO FILM	AS	3.0	4:00- 6:40P	TTH	LASKY, KATHRYN	1
P1214	COM 284	LEC	INTRO TO FILM	AS	3.0	7:00- 9:40P	TTH	LASKY, KATHRYN	1
P4215	COM 299	LEC	CONFLICT RESOLUTION	AS	3.0	4:00- 6:40P	TTH	CHILDS, DONNA	4
P1217	COM 310	LEC	NONVERBAL COMMUNICATION	AS	3.0	7:00- 9:40P	MW	SAYERS, FRAN	1
P3216	COM 310	LEC	NONVERBAL COMMUNICATION	AS	3.0	8:15-11:30A	MW	SAYERS, FRAN	3
P2218	COM 340	LEC	SMALL GROUP COMMUNICATION	AS	3.0	8:15-11:30A	MTW	KIVATISKY, RUSSELL J	2
P4219	COM 399	LEC	COUPLES & MARRIAGE COMM	AS	3.0	7:00- 9:40P	TTH	CHILDS, DONNA	4
P2220	COM 475	LEC	TOPICS:ORG. COMM.	AS	3.0	12:30- 3:45P	MTW	KIVATISKY, RUSSELL J	2
P5221	COM 484	LEC	WOMEN IN FILM	AS	3.0	12:30- 3:45P	MTW	LOCKRIDGE, REBECCA B	5
P1222	COM 485	LEC	SEX DIFFERENCES	AS	3.0	4:00- 6:40P	MW	SHEDLETSKY, LEONARD	1
P1223	COM 485	LEC	SEX DIFFERENCES	AS	3.0	1:00- 3:40P	TTH	SHEDLETSKY, LEONARD	1
CORE CURRICULUM MARTIN ROGOFF 100 PAYSON SMITH HALL (780-4586)									
P6224	COR 119F	LEC	ILLUMINATED AUTOBIOGRAPHY	AS	3.0	8:30-12:45P	MTWTHF	GILBERT, DENNIS C	6
THIS COURSE MEETS JUNE 17-JUNE 28.									
P1449	COR 126J	LEC	GLOBAL ENLIGHTENMENT	AS	3.0	7:00- 9:40P	TTH	NANNAY, ROBERT W	1
P1191	COR 128J	LEC	THE ENVIRON:SCI&POLITICS 90	AS	3.0	4:00- 6:40P	TTH	HODGES, FRANKLIN D	1
ENGLISH KATHLEEN ASHLEY 411 LUTHER BONNEY HALL (780-4295)									
P1099	ENG 100C	LEC	COLLEGE WRITING	AS	3.0	4:00- 6:40P	TTH	CHEBOWICZ, JOHN	1
P3100	ENG 100C	LEC	COLLEGE WRITING	AS	3.0	8:15-11:30A	MW	RIESENBERG, ELAINE	3
P4101	ENG 100C	LEC	COLLEGE WRITING	AS	3.0	7:00- 9:40P	TTH	SELKIN, MICHAEL	4
P5102	ENG 100C	LEC	COLLEGE WRITING	AS	3.0	12:30- 3:45P	MTW	FOWLER, MARYLEE C	5
P4103	ENG 110E	LEC	STRAIGHT & CROOKED THINKING	AS	3.0	7:00- 9:40P	MW	HANNA, JOHN G	4
P1104	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	7:00- 9:40P	TTH	ROSEN, KENNETH F	1
P2105	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	8:15-11:30A	MTW	CALDWELL, JEAN M	2
P4107	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	4:00- 6:40P	TTH	SELKIN, MICHAEL	4
P5407	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	8:15-11:30A	MTW	CARROLL, LORRAYNE A	5
P2108	ENG 150	LEC	LITERATURE INTO FILM	AS	3.0	12:30- 3:45P	MTW	CHEBOWICZ, JOHN	2
P1109	ENG 201F	LEC	CREATIVE WRITING	AS	3.0	7:00- 9:40P	TTH	HOPE-MCGRATH, BARBAR	1
P4110	ENG 201F	LEC	CREATIVE WRITING	AS	3.0	4:00- 6:40P	TTH	FULLER, JACQUELINE D	4
P6429	ENG 299	LEC	SCREENWRITING WORKSHOP	AS	3.0	9:00-12:00P	MTWTHF	TBA	6
STONECOAST WRITERS' CONFERENCE. THIS COURSE MEETS JULY 28-AUGUST 9.									
THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.									
P6430	ENG 299	LEC	NONFICTION WORKSHOP	AS	3.0	9:00-12:00P	MTWTHF	TBA	6
STONECOAST WRITERS' CONFERENCE. THIS COURSE MEETS JULY 28-AUGUST 9.									
THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.									
P6431	ENG 299	LEC	CHILDREN'S FICTION WORKSHOP	AS	3.0	9:00-12:00P	MTWTHF	TBA	6
STONECOAST WRITERS' CONFERENCE. THIS COURSE MEETS JULY 28-AUGUST 9.									
THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.									
P6427	ENG 300F	LEC	FICTION WRITING	AS	3.0	9:00-12:00P	MTWTHF	TBA	6
STONECOAST WRITERS' CONFERENCE. THIS COURSE MEETS JULY 28-AUGUST 9.									
THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.									
P4423	ENG 302F	LEC	FICTION WRITING & WORKSHOP	AS	3.0	7:00- 9:40P	TTH	BENEDICT, DIANNE	4
P6426	ENG 302F	LEC	FICTION WRITING & WORKSHOP	AS	3.0	9:00-12:00P	MTWTHF	TBA	6
STONECOAST WRITERS' CONFERENCE. THIS COURSE MEETS JULY 28-AUGUST 9.									
THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.									
P6425	ENG 303F	LEC	POETRY WORKSHOP	AS	3.0	9:00-12:00P	MTWTHF	TBA	6
STONECOAST WRITERS' CONFERENCE. THIS COURSE MEETS JULY 28-AUGUST 9.									
THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.									
P6428	ENG 304	LEC	WRITING THE CONTEMP NOVEL	AS	3.0	9:00-12:00P	MTWTHF	TBA	6
STONECOAST WRITERS' CONFERENCE. THIS COURSE MEETS JULY 28-AUGUST 9.									
THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.									
P3111	ENG 309	LEC	WRITING FOR THE MEDIA	AS	3.0	12:30- 3:45P	TTH	LANNAN, J	3
P2422	ENG 324	LEC	ARTHURIAN LITERATURE	AS	3.0	12:30- 3:45P	MTW	RUSCH, WILLARD J	2
P5424	ENG 389	LEC	WRITERS OF MAINE	AS	3.0	8:15-11:30A	MTW	JAQUES, JOHN F	5
P1112	ENG 392	LEC	20TH CENTURY BRITISH NOVEL	AS	3.0	7:00- 9:40P	MW	ROSEN, KENNETH F	1
P1113	ENG 395	LEC	ANGLO-IRISH LITERATURE	AS	3.0	7:00- 9:40P	TTH	MCGRATH, FRANCIS C	1

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
MATHEMATICS			JOEL IRISH		115 BAILEY HALL (780-5360)				
G1059	MAC 234	LEC	COMP PROG FOR ELEM MAJORS	AS	3.0	7:00- 9:40P	MW	KRATZER, RICHARD O	1
P1060	MAT 010	LEC	ELEMENTARY ALGEBRA	AS	3.0	4:00- 6:40P	MW	TBA	1
P4061	MAT 010	LEC	ELEMENTARY ALGEBRA	AS	3.0	7:00- 9:40P	TTH	TBA	4
P1062	MAT 011B	LEC	INTERMEDIATE ALGEBRA	AS	3.0	7:00- 9:40P	TTH	SOYCHAK, ANTHONY G	1
P4063	MAT 011B	LEC	INTERMEDIATE ALGEBRA	AS	3.0	4:00- 6:40P	MW	TBA	4
TO ENROLL IN A 100-LEVEL, O-DESIGNATED COURSE, SUCCESSFUL COMPLETION OF THE UNIVERSITY'S MATHEMATICS PROFICIENCY IS REQUIRED.									
P1065	MAT 100D	LEC	COLLEGE ALGEBRA	AS	3.0	4:00- 6:40P	TTH	GUAY, MERLE D	1
P3066	MAT 100D	LEC	COLLEGE ALGEBRA	AS	3.0	8:15-11:30A	MW	MAINVILLE, WALDECK E	3
P4064	MAT 100D	LEC	COLLEGE ALGEBRA	AS	3.0	7:00- 9:40P	TTH	KRATZER, RICHARD O	4
P1068	MAT 105D	LEC	MATH FOR QUANT DEC MAKING	AS	3.0	7:00- 9:40P	TTH	GUAY, MERLE D	1
P4067	MAT 105D	LEC	MATH FOR QUANT DEC MAKING	AS	3.0	4:00- 6:40P	TTH	NARANG, KAMAL	4
P1069	MAT 110D	LEC	BUSINESS CALCULUS	AS	3.0	7:00- 9:40P	TTH	IRISH, JOEL W	1
P3071	MAT 110D	LEC	BUSINESS CALCULUS	AS	3.0	8:15-11:30A	TTH	MAINVILLE, WALDECK E	3
P4070	MAT 110D	LEC	BUSINESS CALCULUS	AS	3.0	4:00- 6:40P	MW	MACDONALD, STEPHEN A	4
P1073	MAT 120D	LEC	INTRO TO STATISTICS	AS	3.0	4:00- 6:40P	MW	UDDIN, NIZAM	1
P2074	MAT 120D	LEC	INTRO TO STATISTICS	AS	3.0	12:30- 3:45P	MTW	ESTES, ROBERT A	2
P4072	MAT 120D	LEC	INTRO TO STATISTICS	AS	3.0	7:00- 9:40P	MW	EL-TAHA, MUHAMMAD A	4
P1075	MAT 140D	LEC	PRE-CALCULUS MATHEMATICS	AS	3.0	4:00- 6:40P	MW	ESTES, ROBERT A	1
P4076	MAT 140D	LEC	PRE-CALCULUS MATHEMATICS	AS	3.0	7:00- 9:40P	MW	MACDONALD, STEPHEN A	4
P6077	MAT 152D	LEC	CALCULUS A	AS	4.0	8:15-10:30A	MTWTH	BROWN, WILLIAM A	6
THIS COURSE MEETS MAY 13-JUNE 28									
P6078	MAT 153	LEC	CALCULUS B	AS	4.0	7:00- 9:15P	MTTH	NARANG, KAMAL	6
THIS COURSE MEETS JULY 1-AUGUST 16									
P6079	MAT 153	LEC	CALCULUS B	AS	4.0	7:00- 9:15P	MTTH	BRUNETTE, JOHN	6
THIS COURSE MEETS MAY 13-JUNE 28									
P1079	MAT 211	LEC	PROBABILITY	AS	3.0	4:00- 6:40P	MW	GUPTA, BHISHAM C	1
P2081	MAT 211	LEC	PROBABILITY	AS	3.0	12:30- 3:45P	MTW	UDDIN, NIZAM	2
P4080	MAT 211	LEC	PROBABILITY	AS	3.0	4:00- 6:40P	MW	EL-TAHA, MUHAMMAD A	4
P1082	MAT 212	LEC	STATISTICS	AS	3.0	7:00- 9:40P	MW	GUPTA, BHISHAM C	1
P4083	MAT 212	LEC	STATISTICS	AS	3.0	7:00- 9:40P	MW	GUPTA, SAT N	4
G4084	MAT 231	LEC	ALGEBRA FOR ELEM TEACHERS	AS	3.0	7:00- 9:40P	MW	SOYCHAK, ANTHONY G	4
G6408	MAT 252	LEC	CALCULUS C	AS	4.0	8:00- 9:40A	MTTHF	CHABOT, MAURICE J	6
THIS COURSE MEETS MAY 20-JULY 5. THIS IS AN ITV COURSE RECEIVE SITE.									
P6085	MAT 252	LEC	CALCULUS C	AS	4.0	8:00- 9:40A	MTTHF	CHABOT, MAURICE J	6
THIS COURSE MEETS MAY 20-JULY 5. THIS IS AN ITV COURSE ORIGINATION SITE									
P6086	MAT 381	LEC	INTRO TO PROBABILITY & STAT	AS	4.0	4:00- 6:15P	MWTH	GUPTA, SAT N	6
THIS COURSE MEETS JULY 1-AUGUST 16									
P6087	MME 513	LEC	LAB:PROJ ASPIRE CALCULUS	AS	3.0	10:15-12:15P	MTTHF	CHABOT, MAURICE J	6
THIS COURSE MEETS JULY 8-AUGUST 5									
P6088	MME 519	LEC	TEACH CALCULUS IN SEC SCH	AS	3.0	8:00-10:00A	MTTHF	CHABOT, MAURICE J	6
THIS COURSE MEETS JULY 8-AUGUST 5.									
MUSIC			RONALD COLE		102 CORTHELL HALL (780-5267)				
G6168	MUE 521	LEC	MUSIC FOR EXCEPT LEARNERS	AS	3.0	9:00- 3:30P	MTWTHF	ATTERBURY, BETTY W	6
THIS COURSE MEETS JUNE 24-JULY 2.									
G6172	MUE 522	LEC	CHORAL MUSIC WORKSHOP	AS	3.0	9:00- 4:00P	MTWTHF	RUSSELL, ROBERT J	6
THIS COURSE MEETS JUNE 24-JUNE 28.									
G1441	MUE 525	LEC	DEVEL VISION OF MUSIC ED-90	AS	3.0	4:00- 6:40P	MW	ATTERBURY, BETTY W	1
G6339	MUE 599	LEC	DALCROZE EURYTHMICS WKSHOP	AS	3.0	9:00- 3:30P	MTWTHF	SANCHEZ, MARTA	6
THIS COURSE MEETS JULY 15-JULY 26.									
P4169	MUS 100G	LEC	MUSIC APPREC AND HISTORY	AS	3.0	7:00- 9:40P	MW	COLE, RONALD F	4
G1170	MUS 103G	LEC	INTRODUCTION TO JAZZ	AS	3.0	4:00- 6:40P	MW	REEVES, SCOTT D	1
P1171	MUS 110F	LEC	FUNDAMENTALS OF MUSIC	AS	3.0	7:00- 9:40P	TTH	MARTIN, PETER J	1
PHILOSOPHY			JULIEN MURPHY		47 EXETER STREET (780-4229)				
P2177	PHI 101E	LEC	INTRO:FREE WILL&DETERMINISM	AS	3.0	8:15-11:30A	MTW	SCHWANAUER, FRANCIS	2
P1018	PHI 106E	LEC	INTRO:WHY PHILOSOPHIZE ?	AS	3.0	4:00- 6:40P	MW	TOUGAS, CECILE	1
P5178	PHI 106E	LEC	INTRO:WHY PHILOSOPHIZE ?	AS	3.0	8:15-11:30A	MTW	TOUGAS, CECILE	5
P2179	PHI 221	LEC	PHILOSOPHY OF FILM	AS	3.0	12:30- 3:45P	MTW	WININGER, KATHLEEN J	2
P6413	PHI 398	IND	INDEPENDENT STUDY	AS	VAR			TBA	6
PHYSICS			ROBERT COAKLEY		254 SCIENCE BUILDING (780-4733)				
P1021	PHY 111K	LEC	ELEMENTS OF PHYSICS I	AS	4.0	8:30-11:15A	MW	LASALA, GERALD J	1
P1022	PHY 111K	LAB	ELEMENTS OF PHYSICS I	AS	0.0	8:30-11:30A	T	LASALA, GERALD J	1
P1023	PHY 111K	REC	ELEMENTS OF PHYSICS I	AS	0.0	8:30-11:15A	TH	LASALA, GERALD J	1
P4024	PHY 112	LEC	ELEMENTS OF PHYSICS II	AS	4.0	8:30-11:15A	MW	COAKLEY, ROBERT W	4
P4025	PHY 112	LAB	ELEMENTS OF PHYSICS II	AS	0.0	8:30-11:30A	T	COAKLEY, ROBERT W	4
P4026	PHY 112	REC	ELEMENTS OF PHYSICS II	AS	0.0	8:30-11:15A	TH	COAKLEY, ROBERT W	4

LOC/ CRN	COURSE	TYP	TITLE		CRED COL HRS	TIME	DAYS	INSTRUCTOR	SESSION
POLITICAL SCIENCE				RICHARD MAIMAN		126 BEDFORD STREET	(780-4191)		
P2089	POS 104J	LEC	INTRO:INTERNATIONAL RELATIO	AS	3.0	8:15-11:30A	MTW	FAKSH, MAHMUD A	2
G2091	POS 120	LEC	GOVT AND POLS OF MAINE	AS	3.0	12:30- 3:45P	MTW	COOGAN, WILLIAM	2
THIS IS AN ITV COURSE RECEIVE SITE.									
P2090	POS 120	LEC	GOVT AND POLS OF MAINE	AS	3.0	12:30- 3:45P	MTW	COOGAN, WILLIAM	2
THIS IS AN ITV COURSE ORIGINATION SITE.									
P6094	POS 354	PRA	STATE INTERNSHIP	AS	6.0			TBA	6
P6095	POS 395	IND	INDEPENDENT STUDY	AS	VAR			COOGAN, WILLIAM	6
PSYCHOLOGY				JOSEPH HEARNS		514 SCIENCE BUILDING	(780-4252)		
G4029	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	7:00- 9:40P	TTH	BROIDA, JOHN P	4
P1028	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	7:00- 9:40P	TTH	SYTSMA, DONALD	1
P2027	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	8:15-11:30A	MTW	SYTSMA, DONALD	2
P3030	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	8:15-11:30A	MW	BROWN, SCOTT W	3
P5031	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	8:15-11:30A	MTW	BROIDA, JOHN P	5
P2032	PSY 102	LEC	GENERAL PSYCHOLOGY II	AS	3.0	8:15-11:30A	MTW	GAYTON, WILLIAM F	2
P4033	PSY 232	LEC	PSYCHOLOGY OF ADJUSTMENT	AS	3.0	4:00- 6:40P	TTH	LEONE, PAMELA M	4
P4034	PSY 235	LEC	PSYCHOLOGY OF WOMEN	AS	3.0	7:00- 9:40P	TTH	LEONE, PAMELA M	4
P2043	PSY 330	LEC	SOCIAL PSYCHOLOGY	AS	3.0	12:30- 3:45P	MTW	THORNTON, WILLIAM	2
P1035	PSY 333	LEC	PSYCHOPATHOLOGY	AS	3.0	4:00- 6:40P	TTH	GAYTON, WILLIAM F	1
P2036	PSY 361	LEC	SENSATION & PERCEPTION	AS	3.0	8:15-11:30A	MTW	HEARNS, JOSEPH F	2
P6037	PSY 400	LEC	SPORT PSYCHOLOGY	AS	3.0	9:00- 4:30P	THFS	GAYTON, WILLIAM F	6
THIS COURSE MEETS JUNE 27-29. THIS IS A FEE COURSE. CONTACT W. GAYTON AT 780-4251.									
P6038	PSY 400	LEC	CHILDHOOD PSYCHOPATHOLOGY	AS	3.0	9:00- 4:30P	THFS	GAYTON, WILLIAM F	6
THIS COURSE MEETS AUGUST 1-3. THIS IS A FEE COURSE. CONTACT W. GAYTON AT 780-4251.									
P6039	PSY 400	IND	INDEPENDENT STUDY	AS	VAR			GAYTON, WILLIAM F	6
P6040	PSY 400	IND	INDEPENDENT STUDY	AS	VAR			BROIDA, JOHN P	6
P6041	PSY 401	IND	INDEPENDENT STUDY	AS	VAR			GAYTON, WILLIAM F	6
P6042	PSY 401	IND	INDEPENDENT STUDY	AS	VAR			BROIDA, JOHN P	6
SOCIOLOGY AND CRIMINOLOGY				DAVID FULLAM		120 BEDFORD STREET	(780-4100)		
G1204	CRM 215J	LEC	CRIMINOLOGY	AS	3.0	7:00- 9:40P	MW	ANSBACH, DONALD F	1
THIS IS AN ITV COURSE RECEIVE SITE. IT IS CROSS-LISTED AS SOC 215J.									
P1203	CRM 215J	LEC	CRIMINOLOGY	AS	3.0	7:00- 9:40P	MW	ANSBACH, DONALD F	1
X6207	CRM 399	LEC	CRIMINOLOGY IN SWEDEN	AS	6.0			MESSERSCHMIDT, JAMES	6
THIS COURSE MEETS MAY 20-JUNE 1. THIS IS A FEE COURSE.									
CONTACT SUMMER SESSION AT 780-4076.									
P2202	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	AS	3.0	8:15-11:30A	MTW	MONSEN, S HENRY	2
P4443	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	AS	3.0	7:00- 9:40P	MW	ANSBACH, DONALD F	4
P2182	SOC 199	LEC	FILM AND SOCIETY	AS	3.0	12:30- 3:45P	MTW	BJELIC, DUSAN	2
G1185	SOC 215J	LEC	CRIMINOLOGY	AS	3.0	7:00- 9:40P	MW	ANSBACH, DONALD F	1
THIS IS AN ITV COURSE RECEIVE SITE. IT IS CROSS-LISTED AS CRM 215J.									
P1184	SOC 215J	LEC	CRIMINOLOGY	AS	3.0	7:00- 9:40P	MW	ANSBACH, DONALD F	1
THIS IS AN ITV COURSE ORIGINATION SITE. IT IS CROSS-LISTED AS CRM 215J									
P2181	SOC 316	LEC	SOCIOLOGY OF GENDER	AS	3.0	12:30- 3:45P	MTW	KINGSLAND, SUSAN	2
P2183	SOC 380	LEC	SOCIOLOGY OF VIOLENCE	AS	3.0	8:15-11:30A	MTW	FULLAM, DAVID C	2
X6180	SOC 399	LEC	CRIMINOLOGY IN SWEDEN	AS	6.0			MESSERSCHMIDT, JAMES	6
THIS COURSE IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.									
THIS COURSE IS CROSS LISTED AS CRM 399.THIS COURSE MEETS MAY 20-JUNE 1									
SOCIAL WORK				VINCENT FAHERTY		319 MASTERTON HALL	(780-4120)		
P3096	SWO 201	LEC	INTRO TO SOCIAL WORK	AS	3.0	12:30- 3:45P	TTH	SIEBOLD, CATHY	3
P4097	SWO 361	LEC	HUMAN SERVICES & CONSUMER	AS	3.0	4:00- 6:40P	TTH	WAGNER, DAVID	4
P2098	SWO 380	LEC	CHILD WELFARE	AS	3.0	12:30- 3:45P	MTW	FAHERTY, VINCENT E	2
P6414	SWO 397	IND	INDEPENDENT STUDY	AS	VAR			FAHERTY, VINCENT E	6
THEATRE				WALTER STUMP		RUSSELL HALL	(780-5481)		
P2044	THE 101G	LEC	INTRODUCTION TO DRAMA	AS	3.0	12:30- 3:45P	MTW	PICINICH, SUSAN E	2
P4046	THE 101G	LEC	INTRODUCTION TO DRAMA	AS	3.0	7:00- 9:40P	TTH	PICINICH, SUSAN E	4
P2047	THE 102F	LEC	ACTING:PERFORMANCE	AS	3.0	12:30- 3:45P	MTW	POWER, THOMAS A	2
P1050	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	7:00- 9:40P	MW	POWER, THOMAS A	1
P2048	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	12:30- 3:45P	MTW	STEELE, WILLIAM P	2
P3049	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	12:30- 3:45P	TTH	CLARK, SUSAN	3
P4051	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	7:00- 9:40P	TTH	STEELE, WILLIAM P	4
P2045	THE 270F	LEC	ORAL INTERPRETATION	AS	3.0	8:15-11:30A	MTW	STUMP, WALTER R	2
X6019	THE 270F	LEC	ORAL INTERPRETATION	AS	3.0			STUMP, WALTER R	6
THIS COURSE MEETS JULY 7-JULY 26. THIS IS A FEE COURSE. THIS IS PART OF READER'S THEATRE. CONTACT SUMMER SESSION AT 780-4076.									

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
X6020	THE 370	LEC	ADVANCED ORAL INTERPRETATIO	AS	3.0			STUMP, WALTER R	6
			THIS COURSE MEETS JULY 7-JULY 26. THIS IS A FEE COURSE. THIS IS PART OF READER'S THEATRE. CONTACT SUMMER SESSION AT 780-4076.						
X6432	THE 371	LEC	READER'S THEATRE	AS	3.0			STUMP, WALTER R	6
			THIS COURSE MEETS JULY 7-JULY 26. THIS IS A FEE COURSE. THIS IS PART OF READER'S THEATRE. CONTACT SUMMER SESSION AT 780-4076.						
G6053	THE 398	PRA	THEATRE INTERNSHIP	AS	VAR			TBA	6

WOMEN'S STUDIES DIANA LONG 94 BEDFORD STREET (780-4289)

SEE ALSO SOC 316 SOCIOLOGY OF GENDER.

P2188	WST 130	LEC	INTRO TO WOMEN'S STUDIES	AS	3.0	12:30- 3:45P	MTW	MURPHY, JULIEN S	2
P6189	WST 440	PRA	WOMEN'S STUDIES INTERNSHIP	AS	VAR			LONG, DIANA	6
P6190	WST 450	IND	INDEPENDENT STUDY	AS	VAR			LONG, DIANA	6

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.

P4173	NES 650	LEC	TOPICS:20TH CENT NE POLITIC	AS	3.0	7:00- 9:40P	TTH	MAIMAN, RICHARD J	4
P1174	NES 660	LEC	NEW ENGLAND AUTOBIOGRAPHY	AS	3.0	7:00- 9:40P	MW	CONFORTI, JOSEPH A	1
P6175	NES 690	IND	PROJECT I	AS	3.0			TBA	6
P6176	NES 695	THE	THESIS	AS	VAR			TBA	6

SCHOOL OF BUSINESS, ECONOMICS, AND MANAGEMENT

ACCOUNTING PHILIP JAGOLINZER 216 LUTHER BONNEY HALL (780-4304)

P1387	ACC 201	LEC	PRINCIPLES FINANCIAL ACCOUN	BU	3.0	4:00- 6:40P	TTH	POTTS, ANDREW	1
P1342	ACC 202	LEC	PRINCIPLES OF MANAGEMENT AC	BU	3.0	8:30-10:15A	MWF	KETCHAM, JUDY	1
P6341	ACC 202	LEC	PRINCIPLES OF MANAGEMENT AC	BU	3.0	4:00- 7:15P	TTH	POTTS, ANDREW	6
THIS COURSE MEETS JULY 9-AUGUST 16.									
P6343	ACC 395	PRA	INTERNSHIP I	BU	VAR			KETCHAM, JUDY	6
P6344	ACC 396	PRA	INTERNSHIP II	BU	VAR			KETCHAM, JUDY	6
P6345	ACC 490	IND	INDEPENDENT READ&RESEARCH	BU	VAR			JAGOLINZER, PHILIP	6

BUSINESS CHARLES GREENE 212 LUTHER BONNEY HALL (780-4300)

P1346	BUS 280	LEC	LEGAL ENVIRON OF BUSINESS	BU	3.0	7:00- 9:40P	MW	PERSONS, ALICE N	1
P6347	BUS 320	LEC	BUSINESS FINANCE	BU	3.0	2:30- 5:30P	MW	SANDERS, THOMAS B	6
			THIS COURSE MEETS JUNE 24-JULY 31.						
P1348	BUS 327	LEC	INVESTMENT MANAGEMENT	BU	3.0	8:15-11:00A	TTH	RICHARDSON, LINDA L	1
P1349	BUS 340	LEC	PRINCIPLES OF MANAGEMENT	BU	3.0	7:00- 9:40P	TTH	GROVER, RICHARD A	1
P1350	BUS 360	LEC	MARKETING	BU	3.0	7:00- 9:40P	MW	BOYLE, CONRAD	1
P1351	BUS 367	LEC	MANAGERIAL MARKETING	BU	3.0	4:00- 6:40P	TTH	BOYLE, CONRAD	1
P6354	BUS 395	FIE	COOP EDU-BUS ADMIN I	BU	VAR			GROVER, RICHARD A	6
P6355	BUS 396	FIE	COOP EDU-BUS ADMIN II	BU	VAR			GROVER, RICHARD A	6
P5352	BUS 450	LEC	BUSINESS MGT AND POLICY	BU	3.0	8:15-11:30A	MTW	LYNCH, JOHN	5
P4353	BUS 452	LEC	ORGANIZATIONAL BEHAVIOR	BU	3.0	7:00- 9:40P	TTH	BERRIDGE, J	4
P6356	BUS 490	IND	INDEPENDENT READ&RESEARCH	BU	VAR			GREENE, CHARLES	6
P6357	MBA 605	LEC	INTERNATIONAL BUSINESS	BU	3.0	6:30- 9:40P	MW	SANDERS, THOMAS B	6
			THIS COURSE MEETS JUNE 24-JULY 31.						
P4358	MBA 610	LEC	MANAGERIAL ECONOMICS	BU	3.0	7:00- 9:40P	TTH	NORTON, RONALD	4
P1359	MBA 642	LEC	MANAGERIAL BEHAVIOR	BU	3.0			GREENE, CHARLES	1
P6360	MBA 680	LEC	ORGANIZ STRATEGY & PLANNING	BU	3.0	7:00- 9:45P	MW	VOYER, JOHN J	6
			THIS COURSE MEETS MAY 13-JULY 3.						
P6361	MBA 691	IND	INDEPENDENT STUDY	BU	VAR			VOYER, JOHN J	6

ASSOCIATE BUSINESS PROGRAM JOEL GOLD 213 LUTHER BONNEY HALL (780-4301)

P1370	ABU 220	LEC	INTRO TO BUSINESS FINANCE	BU	3.0	4:00- 6:40P	TTH	GOLD, JOEL I	1
P1368	ABU 221	LEC	PRINC OF REAL ESTATE	BU	3.0	8:15-11:00A	TTH	KUCSMA, MICHAEL C	1
P1369	ABU 227	LEC	INTRO TO STOCKS AND BONDS	BU	3.0	7:00- 9:40P	TTH	GOLD, JOEL I	1
P6371	ABU 271	IND	INDEPENDENT STUDY	BU	VAR			GOLD, JOEL I	6
P6440	ABU 285	PRA	ABA WORK INTERNSHIP	BU	3.0			GOLD, JOEL I	6

ORIENTATION SESSION WILL BE HELD WEEK OF MAY 13. DEADLINE FOR REGISTRATION: MAY 24.

ECONOMICS JOSEPH MEDLEY 316 LUTHER BONNEY HALL (780-4293)

P1362	ECO 201J	LEC	PRINC OF ECONOMICS I	BU	3.0	8:15-11:00A	TTH	MCKEIL, RICHARD L	1
P1363	ECO 201J	LEC	PRINC OF ECONOMICS I	BU	3.0	7:00- 9:40P	TTH	MCKEIL, RICHARD L	1
P1364	ECO 202J	LEC	PRINC OF ECONOMICS II	BU	3.0	4:00- 6:40P	MW	PHILLIPS, WILLIAM A	1

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
G6392	EPD 521	LEC	INST.STRAT.MATL.TEACH.GIFTE	ED	3.0	8:30- 4:00P	MTWTHF	DRAPEAU, PATTI B	6
	THIS COURSE MEETS JULY 8-JULY 12.								
X6393	EPD 523	LEC	ETHICS,LDRSH,FUTURISM GIFT	ED	3.0	8:30- 4:00P	MTWTHF	ROSSELLI, H	6
	THIS COURSE MEETS JULY 8-JULY 12.COURSE LOCATION: BAR HARBOR								
P6394	EPD 524	LEC	UNDERACHIEVEMT & GIFT STUDE	ED	3.0	8:30- 4:00P	MTWTHF	EMERICK, L	6
	THIS COURSE MEETS JULY 29-AUGUST 2.								
G6395	EPD 527	LEC	EDUC IMPL FOR LANGUAGE LD	ED	3.0	8:30- 4:00P	MTWTHF	BRAY, C	6
	THIS COURSE MEETS JUNE 24-JUNE 28.								
P6396	EPD 532	LEC	TEACH THINK PROBLEM SOLV SK	ED	3.0	8:30- 4:00P	MTWTHF	FLACK, J	6
	THIS COURSE MEETS AUGUST 12-AUGUST 16.								
G6397	EPD 542	LEC	SOC PROC & CULTURE OF SCHOO	ED	3.0	8:30- 4:00P	MTWTHF	HANNAH, M	6
	THIS COURSE MEETS JULY 29-AUGUST 2.								
G6398	EPD 550	LEC	CURRICULUM EVALUATION	ED	3.0	8:30- 4:00P	MTWTHF	MARSHALL, D	6
	THIS COURSE MEETS JULY 22-JULY 26.								
G6399	EPD 551	LEC	HOLISTIC APPROACH-CURRICULU	ED	3.0	8:30- 4:00P	MTWTHF	BROYLES, INDIA L	6
	THIS COURSE MEETS JULY 8-JULY 12.								
X6400	EPD 552	LEC	MODEL CURRICULUM:ISLAND INS	ED	3.0	8:30- 4:00P	MTWTHF	BROYLES, INDIA L	6
	THIS COURSE MEETS JUNE 24-JUNE 30. COURSE LOCATION: SWAN'S ISLAND								
	THIS IS A FEE COURSE. CONTACT PROF DEV CENTER AT 780-5326.								
P6401	EPD 555	LEC	GIFTED:ARTISTIC ABILITIES	ED	3.0	8:30- 4:00P	MTWTHF	THOMPSON, M	6
	THIS COURSE MEETS JULY 22-JULY 26.								
G6402	EPDI500	LEC	CHILD DEV FOR EARLY CH EDUC	ED	3.0	8:30- 4:30P	MTWTHF	DONOVAN/HOLMES	6
	THIS COURSE MEETS JULY 29-AUGUST 2.								
G6403	EPDI501	LEC	COOPERATIVE LEARNING	ED	3.0	8:30- 4:00P	MTWTHF	WENTWORTH, MARYLYN L	6
	THIS COURSE MEETS JULY 29-AUGUST 2.								
G6451	EPDI502	LEC	USING MAC COMP/SPEC NOS STU	ED	3.0			WANDERMAN, R	6
	THIS COURSE MEETS JUNE 27-JULY 3, 8:00AM-3:30PM.								
G6404	EPDI530	LEC	STORYTELLING INSTITUTE	ED	3.0	8:30- 4:00P	MTWTHF	PENTILESCU, MARK	6
	THIS COURSE MEETS JUNE 24-JUNE 28.								
G6452	EPDI552	LEC	PLAN & ADM-PROG FOR GIFT&TA	ED	3.0	8:30- 4:00P	MTWTHF	MALCOMB, J	6
	THIS COURSE MEETS JUNE 24-JUNE 28.								
G6444	EPDI555	LEC	THE MATH SOLUTION (K-8)	ED	3.0	8:30- 4:30P	MTWTHF	BURNS, M	6
	THIS COURSE MEETS JULY 29-AUGUST 2. THIS IS A FEE COURSE.								
	CONTACT THE PROFESSIONAL DEVELOPMENT CENTER AT 780-5326.								
G6445	EPDI556	LEC	THE MATH SOLUTION:HS (9-12)	ED	3.0	8:30- 4:30P	MTWTHF	BURNS, M	6
	THIS COURSE MEETS JULY 29-AUGUST 2. THIS IS A FEE COURSE.								
	CONTACT THE PROFESSIONAL DEVELOPMENT CENTER AT 780-5326.								
G6446	EPDI559	LEC	MATH SOLUTION: LEVEL 2	ED	3.0	8:30- 4:30P	MTWTHF	BURNS, M	6
	THIS COURSE MEETS JULY 29-AUGUST 2. THIS IS A FEE COURSE.								
	CONTACT THE PROFESSIONAL DEVELOPMENT CENTER AT 780-5326.								
P6447	EPDI561	LEC	LAW RELATED EDU/LAW IN MIND	ED	3.0	8:30- 4:30P	MTWTHF	EVANS, KAY R H	6
	THIS COURSE MEETS JULY 14-JULY 27. TO REGISTER,								
	CONTACT KAY EVANS AT 780-4159.								
G4442	HRD 602	LEC	COUNS SERV-STUDENTS/EXCEP N	ED	3.0	4:00- 6:40P	TTH	BERNACCHIO, CHARLES	4
X6405	HRD 602	LEC	COUNS SERV-STUDENTS/EXCEP N	ED	3.0	8:30-12:30P	MTWTHF	VANZANDT, C	6
	THIS COURSE MEETS AUGUST 5-15. COURSE LOCATION:BATH/BRUNSWICK CENTER								
G6406	HRD 645	LEC	GERONT INST:DEATH&BEREAVEME	ED	3.0	8:30- 4:00P	MTWTHF	BRADY, E MICHAEL	6
	THIS COURSE MEETS JUNE 24-JUNE 28.								

PROFESSIONAL EDUCATION

RICHARD BARNES

221 BAILEY HALL (780-5310)

G3271	EDU 510	LEC	DEVELOP COMPOSITION PROCESS	ED	3.0	8:15-11:30A	MW	WOOD, MARGO	3
P1303	EDU 511	LEC	CHILDREN'S LITERATURE	ED	3.0	7:00- 9:40P	MW	MARTIN, JOYCE	1
G3272	EDU 515	LEC	TEACH WRITING:MIDDLE/SEC LE	ED	3.0	8:15-11:30A	TTH	MACARTHUR, SUSANNE G	3
G6273	EDU 524	LEC	SUPERVISED PRACT RDG DIS	ED	3.0			TBA	6
G3274	EDU 529	LEC	READING/WRITING WORKSHOP	ED	6.0	9:00-12:00P	MTWTHF	O'DONNELL, MICHAEL P	3
	PREREQ: EDU 510, 620, 621. INSTRUCTOR'S PERMISSION (MAY 1) REQUIRED.								
G1304	EDU 560	LEC	ESL CLASS TEACH PRACTICES	ED	3.0	4:00- 6:40P	TTH	BOUCHARD, DONALD L	1
G1275	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0	4:00- 6:40P	MW	COHEN, LIBBY	1
G1276	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0	4:00- 6:40P	TTH	SMITH, CHARLES F	1
G3433	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0	9:00-12:00P	TTH	STEEGE, M	3
G6277	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0	4:00- 8:00P	M	SILVERNAIL, DAVID L	6
	THIS COURSE MEETS MAY 13,20,27,JUNE 3,10,17,24,JULY 8,15,22, 4:00-8:00								
G1305	EDU 601	LEC	NATURALISTIC INQUIRY	ED	3.0	4:00- 6:40P	MW	MILLER, LYNNE C	1
	INSTRUCTOR'S PERMISSION REQUIRED.								
G6278	EDU 603	LEC	ANALYSIS OF TEACHING	ED	3.0	8:30-12:00P	MTWTH	KULAWIEC, EDWIN P	6
	THIS COURSE MEETS JUNE 24-JULY 11.								
G6280	EDU 604	LEC	CURRICULUM DEVELOPMENT	ED	3.0	9:00- 3:00P	MTWTHF	GRANT, SCOTT	6
	THIS COURSE MEETS JUNE 1 (9-12NOON),JUNE 24-JULY 2.								
	INSTRUCTOR'S PERMISSION REQUIRED.								
G6306	EDU 606	LEC	LEARNERS AND LEARNING	ED	3.0	1:00- 4:30P	MTWTH	KULAWIEC, EDWIN P	6
	THIS COURSE MEETS JUNE 24-JULY 11.								
G1281	EDU 610	LEC	CRITICAL ISSUES:TCHG/LEARNI	ED	3.0	4:00- 6:40P	TTH	AMOROSO, HENRY C	1
G1282	EDU 621	LEC	LIT PROB:ASSESS & INSTRUCTI	ED	3.0	4:00- 6:40P	MW	AMOROSO, HENRY C	1

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
G6284	EDU 633	LEC	SPECIAL APPLIC IN LITERACY	ED	VAR			TBA	6
G1285	EDU 671	LEC	ORGANIZATIONAL BEHAVIOR	ED	3.0	4:00- 6:40P	MW	SMITH, CHARLES F	1
G1301	EDU 672	LEC	POL BASES OF DEC MAKING	ED	3.0	4:00- 6:40P	MW	BARNES	1
G6286	EDU 678	LEC	SCHOOL LAW	ED	3.0	5:00- 9:45P	TTH	HOYT, JOHN	6
	THIS COURSE MEETS MAY 14,16,21,23,28,30,JUNE 4 AND 6.								
G6288	EDU 683	LEC	SCHOOL FINANCE	ED	3.0	5:00- 9:45P	TTH	HOYT, JOHN	6
	THIS COURSE MEETS JUNE 11,13,18,20,25,27, JULY 2 AND 3, 5:00-9:45PM.								
G6289	EDU 699	IND	INDEPENDENT STUDY	ED	VAR			TBA	6
G6290	EDU 699	IND	INDEPENDENT STUDY	ED	VAR			COHEN, LIBBY	6
G6291	EDU 699	IND	INDEPENDENT STUDY	ED	VAR			SMITH, CHARLES F	6
G6292	EDU 699	IND	INDEPENDENT STUDY	ED	VAR			CURRY, JAMES A	6
G1307	EDUX561	LEC	ASPECTS OF THE ENGLISH LANG	ED	3.0	7:00- 9:40P	TTH	BOUCHARD, DONALD L	1
G6308	EDUX564	LEC	SECOND LANG CURRICULUM DESI	ED	3.0	8:00- 4:00P	MTWTHF	LINSE, CAROLINE	6
	THIS COURSE MEETS JUNE 24-28.								
G6297	EXE 611	LEC	NATURE AND NEEDS EXC LEARNE	ED	3.0			COHEN, LIBBY	6
	THIS COURSE MEETS JULY 1,2,3,11,12,15,16,17, 9AM-1PM AND JULY 25 9-2PM								
G6298	EXE 613	LEC	CURR AND INSTR EXCEPT CHILD	ED	3.0			MANGANELLO, ROBERT E	6
	THIS COURSE MEETS AUGUST 5,6,7,8,9,10, 9AM-1PM;AUGUST 27,9AM-2PM.								
G1293	EXE 615	LEC	CLASSROOM & BEHAVIOR MGMT	ED	3.0	4:00- 6:40P	MW	LYONS, CHARLES M	1
G6294	EXE 684	LEC	ADMINISTRATION IN SPEC ED	ED	3.0	8:00- 4:00P	MTWFS	LYONS, CHARLES M	6
	THIS COURSE MEETS JULY 1,2,3,5 AND 6.								
G6295	EXE 687	LEC	TECH IN SPEC EDU & REHAB	ED	3.0	8:00- 2:00P	MTWTHF	SPENCINER, LORAIN	6
	THIS COURSE MEETS JULY 15-19, 8:00-2:00; JULY 29, 8:00-3:30.								
G1300	EXE 694	LEC	VOC EDU SPECS NEEDS STUD	ED	3.0	4:00- 6:40P	TTH	HARVEY, M	1
G6296	EXE 699	IND	DIRECTED STUDY	ED	VAR			REES, TONI H	6
	THIS COURSE MEETS MAY 13,15,20,22,29,JUNE 3, JULY 1,3 AND 8.								

LEWISTON/AUBURN COLLEGE

51-55 WESTMINSTER STREET

LEWISTON

(783-4860)

L6299	EXE 679	LEC	CONSULTING FOR RES TEACHER	ED	3.0	8:00-11:45A	MTWTHF	HOVEY, DEBRALEE	6
	THIS COURSE MEETS JULY 8-12 AND JULY 15-19.								
L6411	MAT 252	LEC	CALCULUS C	AS	4.0	8:00- 9:40A	MTTHF	CHABOT, MAURICE J	6
	THIS COURSE MEETS MAY 20-JULY 5. THIS IS AN ITV COURSE RECEIVE SITE.								
L1226	MOS 312	LEC	MANAGING HUMAN RESOURCES	LA	3.0	4:00- 6:40P	MW	LIBBY, R	1
L1225	MOS 385	PRA	INTERNSHIP IN MOS	LA	3.0			TBA	1
L2227	SBS 306	LEC	ADOLESCENCE	LA	3.0	8:15-11:30A	MTW	COOK, SUSAN J	2

SCHOOL OF NURSING

NURSING

KATHLEEN MACPHERSON

MASTERTON HALL (780-4130)

P1192	NFS 252	LEC	HUMAN NUTRITION	NU	3.0	4:00- 6:40P	TTH	BURSON, JANET Z	1
P2193	NUR 100	LEC	INTRO TO NURSING	NU	2.0	1:00- 3:00P	MT	RODGERS, MARIANNE W	2
P1434	NUR 200	LEC	INTRO TO PROFESSIONAL NURS	NU	3.0	4:00- 6:40P	MW	PALTROW, MERLE H	1
P1194	NUR 304	LEC	TRANSITION TO PROF ROLE	NU	5.0	8:00- 1:00P	MT	RODGERS, MARIANNE W	1
	STUDENTS MUST CONTACT J. TIFFANY (780-4808) FOR ENTIRE SCHEDULE. RN'S ONLY OR PERMISSION OF INSTRUCTOR.								
P1195	NUR 309	LEC	TOTAL HEALTH ASSESSMENT	NU	3.0	1:00- 5:00P	MT	TIFFANY, JULIA C	1
	STUDENTS MUST CONTACT J. TIFFANY (780-4808) FOR ENTIRE SCHEDULE. RN'S ONLY OR PERMISSION OF INSTRUCTOR.								
P2435	NUR 352	LEC	CONCEPTS IN MENTAL HEALTH	NU	3.0	12:30- 3:45P	MTW	PALTROW, MERLE H	2
P6197	NUR 395	IND	DIRECTED STUDY	NU	VAR			FOURNIER, MAGGIE	6
P6338	NUR 395	IND	HOLISTIC HEALTH INSTITUTE	NU	3.0	9:00- 5:00P	WTHF	FOURNIER, MAGGIE	6
	THIS COURSE MEETS JULY 31 - AUGUST 2. THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.								
P1436	NUR 400	LEC	NURSING PROCESS III	NU	3.0	9:00-11:40A	TTH	HEALY, PHYLLIS	1
	RESTRICTED TO 2ND DEGREE PILOT PROGRAM STUDENTS.								
P2198	NUR 401	LEC	HEALTH RELATED RESEARCH	NU	3.0	5:15- 8:30P	MTW	KEITH, ANNE	2
P6199	NUR 495	IND	DIRECTED STUDY	NU	VAR			TBA	6

RECREATION & LEISURE STUDIES

JAMES V SULLIVAN

220 PORTLAND GYM (780-4172)

P1054	REC 216	LEC	ADV FIRST AID & EMERG CARE	NU	3.0	4:00- 6:40P	TTH	JORDAN, PERCIVAL	1
P2056	REC 217	LEC	BASIC SAILING & SEAMANSHIP	NU	2.0	6:00- 9:15P	MW	POWER, THOMAS A	2
P4055	REC 219	LEC	PHYSICAL FITNESS & WELLNESS	NU	3.0	7:00- 9:40P	TTH	DOWNING, THOMAS J	4

DEPARTMENT OF PUBLIC POLICY & MANAGEMENT

RICHARD E BARRINGER

622 LAW SCHOOL (780-4380)

P1420	PPM 550	LEC	MEDIA & PUBLIC POLICY	PP	3.0	7:00- 9:40P	TTH	NYHAN, PAT	1
P6421	PPM 629	LEC	WORKSHOP:POLICY ANALYSIS	PP	3.0	4:00- 9:00P	TH	COLGAN, CHARLES	6
	THIS COURSE MEETS MAY 16-JULY 25 ON ALTERNATE THURSDAYS.								
P6419	PPM 640	LEC	PUBLIC BUDGETING & FINANCE	PP	3.0	5:30- 8:40P	MTH	LAPLANTE, JOSEPHINE	6
	THIS COURSE MEETS MAY 23-JULY 1.								
P1415	PPM 668	LEC	HIST PRESERV THRU GROWTH MG	PP	3.0	4:00- 6:40P	MW	HAWES, EDWARD	1
P6416	PPM 695	IND	INDEPENDENT STUDY	PP	VAR			TBA	6
P6417	PPM 696	PRA	INTERNSHIP	PP	VAR			TBA	6
P6418	PPM 699	LEC	CAPSTONE PROJECT	PP	3.0			TBA	6

Registration

General Policies Related to Undergraduate and Graduate Registration

Registration begins March 25, 1991

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 1-800-492-0748 (within Maine). Please have your card number ready. **Phone-in registration begins March 25 and will run for the following weeks only: March 25-29, April 1-5, May 6-10, June 24-28.**

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

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 card. Such cards 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 September. 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 during the second week of September. Formal requests for transcripts needed before this date will be handled on an individual basis. The

fee for a transcript to be used 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.

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 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 ap-



propriate 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 or the Registrar's Office on the Gorham campus. 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 25, 1991 through the Friday preceding the beginning of each session. Please note that payment must be made at the time of registration.

Graduate Admission To be admitted to a graduate program, an applicant must

TUITION AND FEES

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

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

Community College of Maine

The Community College of Maine/Telecommunications Systems offers associate and baccalaureate courses via live, interactive television (one-way video and two-way audio). CCM/T courses are available at USM's off-campus centers in Bath/Brunswick, Saco/Biddeford, and Sanford. In addition, CCM/T 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.



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

<i>Maine Resident</i>	<i>\$ 69.00</i>
<i>Non-Resident</i>	<i>\$195.00</i>
<i>NEBHE</i>	<i>\$103.50</i>

Graduate

<i>Maine Resident</i>	<i>\$ 90.00</i>
<i>Non-Resident</i>	<i>\$254.00</i>
<i>NEBHE</i>	<i>\$135.00</i>

Law

<i>Maine Resident</i>	<i>\$164.00</i>
<i>Non-Resident</i>	<i>\$328.00</i>
<i>NEBHE</i>	<i>\$246.00</i>

Technology Fee

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 \$2500 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 \$500 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 Maine residents who are age 65 or over may register for undergraduate courses and have the cost of *tuition* waived. Permission to enroll is granted on an individual basis if space is available in the course. A Senior Citizen Tuition Waiver must be completed at the time of registration. Proof of age and residence 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 above are in effect as of July 1990. 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 Accommodations

Nightly, weekly and entire summer accommodations are available on the Gorham campus and at Portland Hall, 645 Congress St, Portland, from May 12-August 17. Students who desire accommodations should submit the Housing Reservation Request (below) directly to the Student Life Office to be certain of room/suite availability. *Full payment is normally required at the time of registration.*

Residence Hall 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).

Types of Accommodation

Please note that summer housing rates apply to guests taking summer courses listed in the catalog. Non-summer session students who are pre-registered for Fall 1991 courses may reside only at Portland Hall at these rates. **Note: The special summer long rates, which are considerably lower than nightly rates, require full payment at registration.** In the event of cancellation, no refund is made for this package.

All room/suite types are limited and will be assigned on a first come, first served basis. Single rooms in particular are limited. Double rooms may be rented as singles by paying twice the double rate. If you choose a double and do not specify a roommate, one may be assigned you. Linen may be rented at a rate of \$1.25 night. **Please note that the residence halls close for summer session on Saturday, August 17.** Accommodations between that date and the start of fall semester are limited, require special arrangements, incur an extra charge and are available only at Portland Hall. Room/suite reservations received prior to May 1 will be confirmed by mail. Reservations received after May 1 may be confirmed by calling (207) 780-4090.

Refund Policy

- Cancellation prior to arrival = full refund of amount paid upon written request
- Special summer long rates = No refund
- Nightly and Weekly Rates:
 - a. Cancellation received in writing after arrival but prior to midpoint of reserved stay = 50% refund of total reservation amount paid.
 - b. Cancellation received at or after midpoint of reserved stay = No refund
- Written cancellation and requests for refunds should be forwarded to: Craig Hutchinson, Associate Director of Student Life, USM Campus Center, Portland, Maine 04103

On Campus Dining

The University offers meals and snacks on both campuses according to the schedule below. A variety of meal packages can be purchased for use at the Portland Hall and Gorham campus dining facilities. Please note that the schedule below is subject to change without notice. Information regarding meal packages, meal prices and schedule changes will be available after May 1 by calling (207) 780-4090.

La Carte wagon (Luther Bonney Hall) and Gorham Student Center Snack Bar
 Dates open: May 13-August 16
 Schedule: 7:30 a.m.-1:30 p.m., Monday-Friday

Gorham Dining Hall or Snack Bar
 Dates open: June 23-August 9
 Schedule: Sunday dinner-Friday lunch

Portland Hall Dining Room
 Dates open: July 7-August 9
 Schedule: Sunday dinner-Friday lunch
Please note that the La Carte wagon in Bailey Hall will be closed for the summer.

A small common kitchen for student use is available in Portland Hall.

Off Campus Dining/ Lodging/Camping

For information regarding off campus services, contact: Maine Publicity Bureau or Portland Chamber of Commerce, 142 Fore Street, Portland, Maine (207) 772-2811.

1991 Summer Session Housing Request for Information

Please send me information on summer housing

Name _____
 Address _____ City _____ State/Zip _____
 Telephone (prior to 5/12/91) _____ (after 5/12/91) _____

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

CAMPUS RESOURCES AND SERVICES

Parking

All faculty/staff and summer session student vehicles not previously registered for the 1990-91 academic year must be registered and display a valid decal.

Effective May 13, 1991, the vehicle registration fee will be \$7.00. All decals expire August 31, 1991.

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 bookstore on that campus.

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

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.

Library Closed

Memorial Day Weekend: May 25, 26, 27
Independence Day: July 4

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 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 and Career Development

Through a staff of professional psychologists and counselors, the Counseling and Career Development office assists students with personal and career counseling needs. As part of these services, the office provides testing, career information, and referral as deemed appropriate.

The Department also acts as the coordinating office for internship opportunities related to academic majors. For more information contact: Counseling and Career Development, 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 Bath-Brunswick, Saco-Biddeford, and Sanford. These centers provide easy geographic access to University courses and services. Various 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 the center most convenient for the student. Students may also phone in registrations if payment is made by VISA or MasterCard. For more information, contact the center nearest to you.

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

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

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

Financial Aid

USM has limited financial resources to assist students with summer school expenses. All degree candidates enrolled for at least 6 hours may apply for Stafford Student Loans. Continuing students enrolled for at least 3 hours may apply for Summer College Work Study. Students eligible for Pell Grants and enrolled at least half time (6 hours) may use these funds to help pay for summer courses. Applicants must complete a Financial Aid Form (FAF) and submit 1990 tax return information to be considered for assistance. 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 centers. Stafford Loan applications may be obtained from local banks, credit unions and savings and loan institutions.

Since it takes five to six weeks for the FAF to be processed, students must apply by February 15, 1991 to ensure notification of eligibility in time to meet summer charges. Late applicants are not eligible for deferment of charges.

For more information, contact the Student Financial Aid Office at 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.

DIVISION OF CONTINUING STUDIES

The Division of Continuing Studies is responsible for the development, coordination, and support of all noncredit programming at USM. Among the units within the Division offering programs during the 1990 Summer Session are the Department of Conferences, the Department of Continuing Education for Nursing and Health Professions, the Department of Community Programs, and Lifeline.

The Division awards Continuing Education Units (CEUs) for many courses offered in the various departments. CEUs are a nationally accepted measurement applicable to noncredit courses. Participants may attend many different programs while accumulating a nationally uniform permanent record.

Community Programs

The Department of Community Programs serves all segments of the community with 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 whalewatch, 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. Our courses include Introduction to PC's, MS-DOS, Lotus 1-2-3, dBase, and WordPerfect. 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, dieticians, respiratory therapists, and others at locations throughout the state of Maine. Programs are offered using a variety of formats, including workshops, seminars, and evening courses. For more information, call 874-6550.

Department of Conferences

The primary goal of the Department of Conferences is to provide a forum for qualified resource people to share with others information, develop ideas, upgrade professional skills, and develop a greater understanding of current problems. The Department will provide specialized services to governmental agencies, professional organizations, private business, and community groups in the areas of program design, planning, and development.

The Department offers a total conference planning service. The staff will help in planning a program and its content. They can assist in selection of the following facilities and services: University residence/dining halls; University recreation facilities; cultural resources such as art galleries, summer theater, and concerts in the Greater Portland area; classroom auditorium facilities; referral to local motels for housing during the academic year; and area tourist facilities.

The Department will also assist in promotion and publicity; meeting facilities; registration services; special arrangements, including the selection of resource people; and post-conference evaluations, reports, and financial statements. For more information contact 874-6506.

Department of Continuing Education for Business

The Department provides noncredit courses and seminars designed to meet the training needs of both individuals and organizations, including companies, service groups, government agencies and professional associations. Most courses meet one evening per week for 6-12 weeks; seminars vary from half-day to two day events.

CEB is currently offering certificate programs in management studies, supervision, human resources management, and quality control. Courses are also taught in production and inventory control, executive housekeeping, and occupational safety and health. Seminars on a variety of business-related topics are scheduled throughout the year.

CEB programs and services are available for on-site delivery to meet specific needs of organizations. Additional information may be obtained by calling CEB at 874-6510.



COURSE DESCRIPTIONS

COLLEGE OF ARTS AND SCIENCES

Art

AED 412 Art Education Curriculum

This intensive workshop is designed for practicing art educators to plan and write coherent, sequential art curriculum for their school art programs. A wide variety of art curricular resources will be shared and critiqued. 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 outdoors 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 courses. Cr 3.

ART 363 Painting/Watercolor

Watercolor, wash, dry-brush, ink and wash, gouache, and other techniques in watermedia. 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 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. Three hours. Cr 15.



BIO 211 Human Anatomy and Physiology

The study of functional anatomy and physiology of the human. 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 345 Pathophysiology

A study of the physiological, genetic, biochemical and environmental basis of noninfectious diseases. Prerequisite: grade of C or higher in BIO 211 or permission of instructor. Cr 3.

BIO 441 Problems in Biology

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

Chemistry

CHY 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. Three hours lecture per week (usually concurrent with CHY 102). 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 102K Introduction to Laboratory Measurement

Experiments will be designed to teach students how to perform accurate and reliable measurements using the major parameters of mass and volume. Topics to be covered include: physical and chemical changes; separation of a mixture; analysis of an ionic solution; properties of water; gases; acids, bases and buffers; titration. One recitation and two laboratory hours per week. Corequisite: CHY 101. Not appropriate for chemistry or biology majors. Cr 1.

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. Three lecture hours per week (usually 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 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. One recitation and two laboratory hours per week. Prerequisite: grade of C or better in CHY 114. Corequisite: CHY 115. Cr 1.

CHY 411-416 Special Topics

Reading and discussion of advanced subjects or instruction in special topics/research. Permission of instructor required. 6 credits maximum. Cr 1-3.

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 272 Persuasion

A course designed to help students understand the basic principles of persuasion. The course deals with persuasion as a social phenomenon. The perspective from which the course is offered is the analysis of persuasion as a behavioral process. As such, the course will investigate the social science research that relates to persuasion. Students will examine the attempts made by others to persuade them, as well as the attempts they make to persuade others. Further, the course will deal with the issue of ethics in persuasion. Prerequisite: COM 102J. Restricted to majors only, or permission of the instructor. 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. Cr 3.

COM 299 Conflict Resolution

This course is an examination of the factors that contribute to interpersonal conflict. Special emphasis is on communication behaviors of participants involved in conflict. Climates, belief systems, and psychological stressors that promote conflict are examined. Constructive and creative conflict resolution which allows for both individual and relational goals are the focus of study. Cr 3.

COM 310 Nonverbal Communication

A study of the effects of nonverbal factors on the process of human communication. Proxemics, body motion, paralanguage, metacommunication, and other specific areas of nonverbal behavior will be explored and examined. Each student will be required to conduct a research project and prepare a scholarly paper related to a particular area of nonverbal communication. Prerequisite: COM 102J or permission of the instructor. 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 Marriage and Couples Communication

Two individuals coming together in an intimate relationship requires an understanding of families of origin, communication styles, expressions of affection and disappointment, and a commitment to creating meaning together. This course will study interactional styles within a two-person relationship. Goals will be toward mutual directional targeting, managing conflict, and complementing power. Dependency and autonomy within a partnership are explored. Cr 3.

COM 475 Organizational Communication

This course focuses on the cultural/interpretive approach to understanding organizational communication. Students will study and discuss the basic assumptions of naturalistic and critical schools of thought, and will read exemplar essays presenting research and conceptual development within these domains. Topics will include symbolic convergence, account analysis, role performance, organizational climate and socialization. Prerequisites: COM 490. Cr 3.

COM 484 Topics in Film: 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. 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. Prerequisite: ENG 100C and Skills of Analysis/Philosophy. Cr 3.

COR 126J Global Enlightenment

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

COR 128J The Environment: Science and Politics in the Nineties

This course will focus on the underlying principles that relate to energy use, resource use, and waste management. The points of view utilized will be political and economic, biological, and mathematical (deductive). Students are expected to be active participants in this interdisciplinary course. Cr 3.

English

ENG 009A Developmental English

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

Cr 3.

ENG 019 Written Business Communication

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.

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 Straight and Crooked Thinking

This course offers the analysis, interpretation, and evaluation of various kinds of arguments and ways to reach logical decisions, 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. 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 filmmaker. 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 Screenwriting Workshop

See Special Programs section of this catalog.

ENG 299 Nonfiction Workshop

See Special Programs section of this catalog.

ENG 299 Children's Literature Workshop

See Special Programs section of this catalog.

ENG 300F Fiction Writing

See Special Programs section of this catalog.

ENG 302F Fiction Workshop: Short Stories

See Special Programs section of this catalog.

ENG 303FB Poetry Workshop: Poems for the Reader

See Special Programs section of this catalog.

ENG 304 Novel Workshop: Writing the Novel

See Special Programs section of this catalog.

ENG 309 Writing for the Media

This course is for those with an interest in "professional" writing, anything from business correspondence or newsletters to "freelancing" for newspapers and magazines. The objective is expository writing aimed at the conveyance of information rather than the creation of imagery. The focus is on clarity of expressions through brevity, the use of specific rather than general words and the elimination of jargon. Students will learn to differentiate between writing styles for different media (i.e., newspapers, etc.). The course will be primarily a lecture series with in-class critiques of outside writing assignments.

Cr 3.

ENG 324 Arthurian Romance

A survey of medieval romances (originally written in English and continental languages) concerned with King Arthur and his knights and the social values represented by the Round Table. Students will examine romance as a literary genre and Arthur as a mythological and historical figure. Texts will include (but are not limited to) the Arthurian romances of Chretien de Troyes, a version of the Tristan legend, *Sir Gawain and the Green Knight*, and Malory's *Morte Darthur*. Later treatments of the Arthurian material may also be discussed. Non-English and regional Middle English texts are taught in translation.

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 392 Twentieth-Century British Novels
Selected novels from the late 19th century to the present.

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 107, FRE 299, GER 107, SPA 107 or SPA 207 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 107 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 207 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 107 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 107 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 207 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). Cr 3.

SPA 399 Refresher Course in Spanish

This course is designed for the student with a knowledge of Spanish structure who wishes to practice conversation and brush up on skills. Specific grammar focus will depend on class needs. The class will be conducted entirely in Spanish and the emphasis will be primarily on oral communication. This course is particularly appropriate for teachers and travelers. Cr 3.

Geography and Anthropology**ANT 101J Anthropology: The Cultural View**

This course is a basic introductory survey of cultural anthropology. It examines the differences between cultures as well as cultural universals, and the relationship between social organizations, ideology, economics, and political structure in different types of societies. It reviews the various theoretical approaches in cultural anthropology's attempt to explain human behavior, presenting examples from "primitive," intermediate, and complex cultures through readings and films. This course is required for all majors concentrating in anthropology. Cr 3.

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 USSR, the Middle East, South America, and the European community. Cr 3.

GYA 300 Archaeology Field School

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 299 Field Trips in Coastal Maine Geology

This is a field trip course that will tour coastal exposures in southern Maine to examine spectacular geologic features. Prerequisites: GEY 111K, equivalent experience or permission of instructor. Cr 3.

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. One two-hour laboratory session each week. 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 man from early modern times to the atomic age. Particular attention is given to the Enlightenment, the French Revolution, the rise of the industrial era, the growth of nationalism, and the World Wars. Personalities such as those of Napoleon, Hitler, and Stalin are studied. The course also introduces students to historical method. Cr 3.

HTY 131I United States History to 1877

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

HTY 132I United States History Since 1877

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

HTY 200 Reference, Research and Report Writing

An introduction to research and writing designed to prepare undergraduates for the requirements of upper-level courses in history and the social sciences with emphasis on practical methods of utilizing a library, locating materials, taking and organizing notes, and writing and rewriting research papers and reports. Cr 3.

HTY 316 French Revolution and Napoleon

The course takes the French Revolution as a climax of major intellectual, political, and social trends in eighteenth-century Europe. Thorough coverage is given to the Old Regime, the Enlightenment and the influence of the American Revolution. There is in-depth analysis of the coming, course and outcome of the French Revolution itself, and its impact outside France. The Napoleon era is handled as the culminating phase of the revolution and as a major influence on nineteenth-century Europe. Prerequisite: HTY 102I or permission. Cr 3.

HTY 336 Leaders of the 20th Century: Churchill, Roosevelt, Hitler

This course studies in depth the lives of three major political leaders of the 20th century: Winston Churchill, Franklin Roosevelt, and Adolf Hitler. The approach is biographical, with considerable emphasis on the personality of each individual and his conduct in peace and war. An effort has been made to select contemporaries whose lives interrelate, thus providing a study of an era. Documentary film footage, slides, and readings will accompany lectures and discussions. Prerequisite: HTY 102I or 132I 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 386I History of South Africa

An in-depth examination of one of Africa's most controversial and important countries. Combines a series of illustrated lectures on South Africa's historical background with discussions of contemporary political (domestic and international), social and economic issues. 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 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.

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 131. 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 140. 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 110 or MAT 152. 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 522 Choral Music Workshop

See Special Programs section of this catalog.

MUE 525 Developing a Vision of Music Education in the 90s

This course will deal with the essential nature and value of music and music education in the coming decade. Discussions will center around the significant and integral role of music in contemporary society, specifically as it relates to the public schools. Cr 3.

MUE 599 Dalcroze Eurhythmics I Workshop

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 650 Twentieth Century New England Politics

This course examines the politics of New England since 1900, with emphasis on conflicts among the distinct subcultures (White Anglo Saxon Protestant, European-American, and African-American) which have given the region's politics its particular flavor. Special attention will be given to two dramatic political events—the Sacco-Vanzetti case and the Boston busing controversy—in which these conflicts played a significant role. Reading materials will draw upon the historical and political science literatures, supplemented by biographical materials of important political figures from each of the New England states.

NES 660 New England Autobiography

This course will be an interdisciplinary study of 20th-century New England autobiographies. Topics will include: autobiography of childhood, women's autobiography, fictional autobiography, family photographs as autobiographical expressions, and autobiography and film. Cr 3.

NES 690 Project

Completion of a two-semester project (NES 690/691) that combines independent study and work in a historical society, a museum, a cultural organization or other public or private institution. In consultation with an advisor, the student defines and develops the project in relation to his or her particular interest in New England Studies.

Cr 3 (NES 690 and NES 691: Cr 6.)

Philosophy**PHI 101E Introduction to Philosophy:****Freedom and Determinism**

Is there a human will at all? This course will concentrate on the issue of freedom vs. determinism. The importance of the human will insofar as it influences views of experience, politics, society, etc., will also be considered. Cr 3.

PHI 106E Introduction to Philosophy: Why Philosophize?

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

PHI 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 construction. Issues to be discussed include perception, memory, images and the use of social stereotypes. Prerequisite: any PHI 100-level course. Cr 3.

Physics**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 104J Introduction to International Relations**

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

POS 120 Government and Politics of Maine

This course concerns Maine State Government, including legislative, executive and judicial programs and powers as exercised within the system of Maine values, political parties, and interest groups. Open to political science majors and as an elective to the student who has an interest in the programs and politics of the state of Maine. Cr 3.

POS 354 State Internship

Provision may be made to gain professional experience in a department or agency of state government. The course is open only to selected students; see department chairman for details. Students will meet for a series of internship seminars, for which readings and research reports are required. The state government internship is available under the Maine State Government Internship Program. Cr 6.

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 232 Psychology of Adjustment

This course involves a study of the development of personality patterns, modes of behavior, life styles, and coping mechanisms considered normal in this society. Consideration of their value to individual functioning. Prerequisites: PSY 101J and 102. NOTE: This course does not count toward major credit. Cr 3.

PSY 235 Psychology of Women

This course covers psychology of women and psychological literature relevant to men and women. Some topics include physiological and personality differences between the sexes, sex-role development, role conflict, women and traditional therapy. Prerequisites: PSY 101J and 102. Cr 3.

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 201 Introduction to Social Work**

An introduction to the practice of social work focusing on the nature of intervention, the roles and functions of social workers in the delivery of services in various settings, and beginning practice skills. The course enables a student to make a more informed decision about his or her entry into the profession. Field observation by student required. Prerequisite: SWO 101J. Cr 3.

SWO 361 Dynamics of Organizations, Professions and Consumers

Examines the dilemmas of professional human service workers in bureaucratic systems and the effects of professionalization and the bureaucracy on consumers. Develops a range of methods aimed at better meeting client need with particular reference to strategies of organizational change and community organization. Prerequisite: SWO 352, SWO 354 or permission of instructor. Cr 3.

SWO 380 Child Welfare

A study of the policy and practice issues affecting children in current society, including implications for social services and institutional change. Prerequisite: SWO 101J or permission of the 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 also listed as CRM 215. 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. Offered each semester. Cr 3.

CRM/SOC 399 Criminology in Sweden

This travel-study course is centered around the study of Sweden's unique criminal justice system. Students will be provided with the opportunity to live, study and experience another culture while learning about crime, criminology and social control in another country. This course provides a solid foundation for further study in the area of comparative criminology. Call Summer Session at 780-4076 for more information. Cr 6.

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 199 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 316 Sociology of Gender

This course investigates gender as a social process which is continually created and reinforced in social life. It explores the often subtle relationship between gender and life social classes, stratification, and basic institutions on contemporary society. 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 neo-classic, and 18th, 19th and 20th century theatre and drama. Cr 3.

THE 102F Acting: Performance

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

THE 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 entertaining speaking, as well as the processes of problem-solving and informative discussion. Emphasis is upon conception, analysis, structure, and modes of proof. Cr 3.

THE 270F Oral Interpretation

This course involves the assimilation and analysis of literary material (poetry, prose, drama) with emphasis on the techniques used in reading written material aloud to an audience. Designed to stimulate an understanding and responsiveness to literature and to develop the ability to convey to others, through oral readings, an appreciation of that literature. 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.

Women's Studies**WST 130 Introduction to Women's Studies**

This course introduces students to the study of women as a diverse social group with a history, culture and experience of their own; it examines the creative, intellectual and social contributions of women as well as their roles in society. We will critique the suppression and denial of women's thought and action and consider ideas for transforming social structures. Our objective is to understand women in society from a historical and cultural perspective. Readings will include interdisciplinary background studies as well as contemporary women's writings. Cr 3.

COLLEGE OF EDUCATION

Professional Education— Undergraduate

EDU 200 Studies in Educational Foundations

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 305 Teaching Elementary School Mathematics

The course will focus on developing techniques for teaching mathematics to elementary grade pupils. Conducted in a setting of activity-oriented sessions, special attention will be devoted to explanations for children about the fundamentals of mathematics, diagnosing mathematical difficulties, organizing various models of instruction, and exploring ways to enrich the curriculum. Prerequisite: MAT 131D. Cf 3.

EDU 308 Science for Children

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

EDU 312 Teaching Language Arts in Elementary School

This course reviews recent trends, methods and materials basic to the teaching of communications skills with an emphasis on the writing process. Topics include spelling, handwriting, listening, creative expression, and speaking. Tapes, records, filmstrips, transparencies, kits, and contemporary language art books for the elementary school are used. 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 323 Independent Study in Education

This course provides juniors and seniors who have demonstrated critical and analytical capability an opportunity to pursue a project independently, charting a course and exploring an area of interest within their major field, bearing upon it previous course experiences and emerging with an intellectually sound, coherent synthesis, or an artistic or technical creation reflecting a high caliber of performance. May not be used as a substitute for currently described courses. Cr Var.

EDU 335 Exceptional Students in the Classroom

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

EDU 336 Children's Literature

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.

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/High School

This workshop 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. Narrative and expository writing assignments will be covered. Model assignments are provided with the opportunity to experience the writing process first-hand. Content assignments include: notetaking, essay writing, research papers, compositions, the writing/vocabulary development connection, and using creative writing to promote readiness for 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: EDU 512 and EDU 513, EDU 620 and EDU 621 or equivalents 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 600 Research Methods and Techniques

A study of 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 601 Naturalistic Inquiry/Qualitative Methods

This course introduces students to an approach to educational research that studies schools as natural settings. Depending largely on qualitative methods, students will learn the assumptions underlying field research and will develop the ability to read qualitative/naturalist studies critically and to do small site-based research projects. Prerequisite: EDU 600.

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 604 Curriculum Development

This basic curriculum course will provide students with an understanding of what curriculum and curriculum development are. Using a collaborative approach, teachers and administrators will plan the design of a curriculum consistent with personal ideals and applicable in a given context. Students will analyze the curriculum in terms of knowledge, skills, learning processes, and affective dimensions. Special emphasis will be given to the processes of curriculum implementation and curriculum evaluation.

Cr 3.

EDU 606 Learning and Learners

This course explores learning theories, the developmental characteristics of learners, and learning in the context of teaching. Critical issues in learning are explored while reflection on and analysis of the student's own learning base is utilized. The course is designed for anyone involved in the learning process.

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.

Cr 3.

EDU 621 Reading Remediation

This course conceptualizes reading diagnosis as a process of becoming informed about a learner. Heavy emphasis on developing diagnostic insights and corrective strategies for disabled readers of all ages. Updates traditional approaches and elaborates on current trends from research and practice. Stresses case studies and in-class practice to help teachers implement diagnostic corrective procedures in the classroom. Prerequisite: EDU 620 or equivalent.

Cr 3.

EDU 622 Language and Literacy for Young Children

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

Cr 3.

EDU 633 Special Applications of Reading Methods

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

Cr 1-6.

EDU 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.

EDU 683 School Finance

This course will trace the historical background and development of the present Maine School Finance Administration. A detailed examination of the interest and the underlying concepts and relationships of the Act will be studied. Local budget and expenditure practices will be reviewed. Emphasis will be placed on helping the student develop a clear conceptual understanding of the overall system by which state aid is provided to Maine school systems.

Cr 3.

EDU 699 Independent Study

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

Cr var.

EDUX 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 grammatical aspects, that is, 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.

EDUX 564 ESL Curriculum Design and Development

Design and implementation of curriculum and syllabus constructive based on needs assessment of the English as a Second Language learner is the focus of this course. There will be an examination of language acquisition from the perspective of oral proficiency to literacy instruction and the considerations involved in the design of these materials. There will also be an examination of commercially produced materials and how to produce teacher-prepared material. 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 601 or permission of instructor. Cr 3.

EXE 687 Technology in Special Education and Rehabilitation

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

EXE 694 Vocational Education for Special Needs Students

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

EXE 699 Directed Study

This course is an opportunity to gain, apply, and integrate knowledge and skill in exceptionality by planning and conducting a project. The project must be intellectually sound, have direct applicability to the student, and produce a high quality product. Specific content and methods of evaluation will be determined in conjunction with faculty supervisor. Prerequisite: completion of 3 courses or professor's permission. Cr var.

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 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 607 Introduction to School Guidance Services and Programs

This is an introductory course for those intending to enter the field of school guidance and counseling. It is designed to consider the theoretical basis for guidance practices in elementary and secondary schools (K-12). This includes working collaboratively with the home, school, and community to meet the personal, educational, and career concerns of students. Historical and social contexts along with philosophical issues and emerging directions of guidance will also be discussed. Prerequisite: open to matriculated graduate students only. Cr 3.

HRD 608 Career Development

This course will examine the role of the school counselor in implementing career education, career guidance counseling programs, K-12. Emphasis will be on understanding theories, systems, materials, activities and techniques for fostering career awareness, recognition of factors influencing career choices and, ultimately facilitating possible career decisions. 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 non-effectiveness 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 facilitative skills 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 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 680 Institute in Group Counseling

The course is an extension of basic knowledge and practice in the fundamentals of group dynamics and leadership. Emphasis is on the development of concepts, attitudes, and skills necessary to understand and use counseling groups within a variety of settings. Course time will be spent as a group participant, as well as in didactic instruction. Prerequisites: HRD 626 or equivalent and permission of the instructor. Cr 3.

HRD 683 Adolescent Depression and Suicide

The objective of this course is to become informed of the major aspects of understanding and working with the depressed, suicidal adolescent. The focus will be on the definition of suicide according to Edwin Schneidman as well as understanding adolescence from a developmental perspective. In addition, the myths, realities, attitudes, motives and underlying causes and prevention of adolescent suicide will be discussed. 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 698 Directed Study in Human Resource Development

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

Cr 1-3.

HRD 699 Independent Study in Human Resource Development

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

Cr 3.

HRDX 644 Organizational Development

This course introduces the student to the theory, concepts, practices, skills, and tools of organizational development. A variety of intervention strategies and techniques are explored. Emphasis is placed on the facilitator role in successful organizational interventions. This course is part of the training and development concentration.

Cr 3.

HRDX 668 Family Systems

This course examines the application of general systems theory to family development and family interactions as well as provides an overview of the major theories of family therapy. Additionally, it reviews the multigenerational impact of the family on the emotional health and psychopathology of the individual.

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 503 Arts Education Institute

The USM Arts Education Institute will offer elementary classroom teachers an intensive week of theater, dance and art studies. Drawing upon their extensive experience in schools, the faculty will help teachers plan interdisciplinary arts projects for their students. Performances, films, museum visits, and lectures will augment our studio work.

Cr 3.

EPD 507 Language Acquisition

This course will examine the structural and functional development of children's communication behavior, focusing on how they acquire language. Syntactic, semantic, and pragmatic aspects of communication development will be explored from both learning and acquisition theory perspectives.

Cr 3.

EPD 511 Middle School Institute

The program's focus is on teaching and knowing the young adolescent with emphasis on how to develop staff communication and skills to provide quality education at this level. 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 1990-91 school year. This is a fee course. Contact the Professional Development Center for more information.

Cr 3.

EPD 520 Southern Maine Writing Project

Affiliated with the National Writing Project Network, SMWP annually conducts an intensive three week writing institute for classroom teachers, grades K-12. Using writing to learn is the focus of this year's institute. Participants will explore the uses of writing that help students learn concepts and skills in the content areas of the curriculum, practice writing-to-learn strategies, and develop presentations for subsequent inservice workshops.

Cr 6.

EPD 521 Instructional Strategies and Materials for Teaching Gifted

This course is for individuals who are concerned with meeting the needs of gifted learners in the regular classroom and in pull-out programs alike. 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 523 Institute on Ethics, Leadership, and Futurism for the Gifted

The primary purpose of the course is to examine ways in which the areas of leadership development, futures studies, and ethics can be incorporated into existing programs for gifted students. Teachers will receive instruction and practice using a number of the techniques and strategies used in each of these areas. Designed as one of a series of leadership development institutes in gifted child education, emphasis will be placed on the personal and professional development of participants.

Cr 3.

EPD 524 Underachievement and Gifted Students

This course is designed for parents, teachers, counselors, and others responsible for the education of high ability children and young adults who are not successful in school and/or other learning situations. The emphasis of the class sessions will be on helping the participant gain a better understanding of the wide variety of characteristics and factors related to the onset of underachievement and its reversal. The course will include an examination of the following topics: definitions of "underachievement", past and current research, identification of "at risk" students and contributing factors, intervention strategies and programs.

Cr 3

EPD 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.

EPD 532 Teaching Thinking and Problem-Solving Skills in the Classroom

Creativity, critical thinking, and problem solving are talents and skills that need to be identified and developed in all students. This course will be concerned with the identification and usage of innovative teaching strategies that will assist K-12 classroom teachers in identifying, nurturing, and developing these talents and skills. The emphasis will be on practical teaching strategies that have proven to be successful in both regular and special needs classrooms.

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 550 Curriculum Evaluation

This institute is designed for administrators and teacher leaders who are responsible for the evaluation of curricula and the assessment of student learning. National scholars in the field of curriculum will provide an arena for both dialogue and development. Participants will develop both district and classroom evaluation policies, and will explore the use of internal and external evaluation with particular focus in curriculum-based, alternative assessment in program evaluation.

Cr 3.

EPD 551 A Holistic Approach to Curriculum

This institute is designed for curriculum developers who are concerned with the implementation of Maine's Common Core of Learning. Participants will explore a variety of approaches (interdisciplinary and integrated curriculum, multi-age classrooms, cooperative learning) and develop unique, computer-based curriculum documents. School districts are encouraged to send teams. Cr 3.

EPD 552 A Model Curriculum: The Island Institute

This institute is designed for teachers who work in geographically isolated areas with multi-graded classrooms. Scholars in history, anthropology, literature, art, philosophy, oral history and folklore, science and mathematics will provide a platform for the development of curriculum units centered on the study of the community. Located on Swan's Island. Cr 3.

EPD 555 Programs for the Gifted/Talented Students with Artistic Ability

This course is for individuals responsible for initiating, maintaining, and/or extending services for gifted/talented students in the arts. Topics for study will include 1) identification procedures, 2) curriculum development and implementation, 3) administration and management, 4) staff development and community involvement, and 5) evaluation of student growth and program effectiveness. Cr 3.

EPDI 500 Childhood Education for Early Childhood Educators

This multidisciplinary course focuses both on developmental tasks of the early years and the contexts in which that development occurs. Students are given opportunities to increase their knowledge of development by studying developmental theorists, by using observations, interviews, library research, and reflecting on their own practices. Cr 3.

EPDI 501 Cooperative Learning

This course is designed to explore the impact of cooperative learning on curriculum, instruction and the development of social responsibility. Students will actively participate in cooperative learning groups while developing strategies based on sound philosophy and research. The aim is to achieve a balance between personal skill development and understanding the role of cooperative learning in developing social responsibility within the context of school restructuring. Cr 3.

EPDI 502 Using the Macintosh Computer with Students with Special Needs

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 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 552 Planning and Administration of Programs for the Gifted

This course is designed for coordinators and consultants of programs for gifted/talented students, curriculum coordinators, special education directors, school administrators, and other individuals responsible for planning and managing programs for the gifted and talented. Course content is appropriate for individuals concerned with either elementary or secondary education. Emphasis will be placed on program planning, administrative design, and effective program management. Cr 3.

EPDI 555 The Math Solution K-8**EPDI 556 The Math Solution 9-12****EPDI 559 The Math Solution Level II**

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.

HRD 602 Counseling Services for Students with Exceptional Needs

With its focus on the role of the counselor in working with students who have special learning needs, course content includes: overview of special education laws and regulations; assessment and identification of students with exceptional needs; guidance and counseling interventions and responsibilities; parent consultation and community resource services. The goal of the course is to establish a foundation upon which counselors may develop guidance curricula, responsive services, and individual planning activities to maximize educational experiences. This course has been approved by the Department of Education for recertification credit. Cr 3.

HRD 645 Institute in Gerontology**Education: Aging, Death and Bereavement**

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. Implications of Kierkegaard's statement, "we live life forward but understand it" Participants will develop practical methods of facilitating life review of themselves and older clients. There will be a subsequent amount of reading required prior to the first class. Those registering after June 1 must obtain prior permission of the instructor. Cr 3.

LEWISTON-AUBURN COLLEGE

MOS 312 Human Resource Management

Focus on the procedures and processes associated with the management of human resources within organizations. Topics include recruitment development, job analysis, personnel systems, and training. Prerequisite: junior standing or permission of instructor. Cr 3.

MOS 385 Internship in Management and Organizational Studies

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

SBS 306 Adolescence

An overview of the psychological and sociological dimensions of adolescent development. Cr 3.

PUBLIC POLICY AND MANAGEMENT PROGRAM

PPM 550 The 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 629 Workshop in Policy Analysis

Provides an intensive, one-semester, client-directed experience in which students work in teams under the direction of faculty on problems and issues of current concern. Cr 3.

PPM 640 Public Budgeting and Finance

Provides students with both a theoretical and practical introduction to the debates, tradeoffs and implications of budgeting for public services and securing financing for their provision. Examines essential public finance theory as it relates to revenue raising and resource allocation decision making by the public sector. Specific topics include market failure and government economic intervention, public revenue sources, characteristics of high quality revenue systems, budget review and analysis, and budget development and presentation using Quattro. Prerequisite: PPM 600 and 601. Cr 3.

PPM 668 Historic Preservation through Growth Management

This course explores the policy foundations for preservation of historic, scenic, and natural resources. It considers elements of preservation planning for rural and urban areas and provides experience in identification and evaluation of historic cultural and natural resources in the comprehensive planning process. Case studies are utilized. 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 640-666 and AIM 698

For information about these courses see the 1990-1991 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

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

COS 698 Master's Project

A six-credit project is required of all students. The project must be approved by the computer science faculty in advance. Prerequisite: full graduate standing and faculty approval. Cr 3 or 6.

Engineering

ELE 198 Programming in BASIC for Science and Engineering

Introduction to computer programming in the BASIC language. Arithmetic assignment statements, numeric and character string operations, supplied functions, input and output, IF-THEN-ELSE decisions, loops, subprograms, arrays, and files. Solution of problems in science and engineering. Plotting of results and manipulation of text. Prerequisite: High school algebra. Computer Lab. 4 hrs. twice a week. Cr 3.

ELE 498 Digital Image Processing

This course will discuss digital images, visual properties of objects and scenes, image acquisition schemes, enhancement and restoration. Also discussed includes segmentation, image boundary representation, boundary curves and surfaces, shape properties and shape description. Prerequisite: ELE 314 or equivalent, programming background desirable. Cr 3.

Technology

ITP 350 Conference Leading

This is a course in 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 1-3.

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.

IEP 699 Independent Study

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.

IEV 310 Methods and Materials of Instruction in Vocational Education

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

ACC 490 Independent Readings and Research in Accounting

Selected topics in the various areas of accounting, auditing, and income taxes may be studied and researched on an independent basis. Prerequisites: senior standing and completion of admission requirements for majors. Cr 1-3.

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 320 Business Finance

This course introduces the student to the theories and techniques of managing capital sources and uses within the framework of shareholder wealth maximization. Lecture, problems, cases. Prerequisites: BUS 290, ECO 201, ECO 202, ACC 202 or MAT 212 and junior standing. Cr 3.

BUS 327 Investment Management

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. Prerequisite: ACC 201 and junior standing. Cr 3.

BUS 340 Management

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

BUS 360 Marketing

This is an introduction to the field of marketing normally through the use of a computer simulation game. The concepts of market segmentation, marketing mix strategy, and market systems development are presented along with an analysis of consumer behavior and the need for marketing research. Prerequisites: ACC 201, BUS 290 and junior standing. Cr 3.

BUS 367 Managerial Marketing

Students gain experience making marketing decisions as managers of a computer-simulated firm. The emphasis is on applying a "systems" approach to marketing decision making and on integrating knowledge gained in the other functional business areas into a strategic market planning framework. Prerequisites: BUS 360, BUS 371 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.

BUS 490 Independent Readings and Research

Selected topics in the various areas of accounting, finance, management, and marketing may be studied and researched on an independent basis. Prerequisites: senior standing and permission of the instructor and chair of the department. Cr 1-6.

Graduate Business**MBA 605 International Business**

This course studies 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 use of computer simulation gaming, case studies, and experiential exercises. Prerequisites: MBA 501, MBA 502, MBA 503, MBA 504, MBA 505. Cr 3.

MBA 610 Managerial Economics

A study of business decision making in the economic environment. Pricing and large-scale, long-term output decisions are approached via the specific demand and cost functions of a firm in the context of its competitive environment. Topics include mathematical optimization, applied multiple regression, time series analysis, economic theory of consumers and the firm, decision analysis, and game theory. Prerequisites: MBA 501, MBA 502, MBA 503, MBA 504, MBA 505. 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 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 691 Independent Study

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

Associate Business**ABU 220 Introduction to Business Finance**

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

ABU 221 Principles of Real Estate

This is an overview of real estate fundamentals, including rights and interest in land; forms of ownership; contracts; records, and forms; taxes and assessments; appraisals; insurance; brokerage; property management; and land-use control. 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 011. Cr 3.

ABU 271 Independent Study

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

ABU 285 ABA Work Internship

This is our student's opportunity to apply their academic training to work experiences in the business world. The student, the SBEM, and an employer make prearranged commitments for a one-semester job in a local business organization. The work must be in an area related to the student's chosen concentration in the ABA program and must be approved in advance by the SBEM Director of Internships. This is open only to second year students in the ABA Program. ABU 286 may be taken after ABU 285 for a maximum of 6 credits in ABA Internship. Cr 3.

Economics**ECO 201J Principles of Economics I**

This is a theoretical analysis of the basic characteristics, institutions, 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. 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 350 Comparative Economic Systems
The structures and operating principles of the major contemporary economic systems are examined and compared. Prerequisite: ECO 20U, 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 20U, ECO 20J, and junior standing. Cr 3.

ECO 490 Independent Readings and Research in Economics
Independent study and research of various student-selected areas of economics. Prerequisites: senior standing and a completed independent study form (available from Registrar). Cr 1-3.

SCHOOL OF NURSING

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 100 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 holistic beings, the environment as context, and health. It examines the role of nurse as communicator and learner. 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 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 develop 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 or junior standing University students. 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 or junior standing students in the School of Nursing. Permission of the instructor required for non-nursing majors. Cr 3.

NUR 352 Concepts in Mental Health

This course introduces concepts and principles basic to mental health nursing. Focus will be on understanding of personality development and its behavioral manifestations. Assessment of clients and intervention strategies are explored. Interdisciplinary aspects of mental health care delivery and current issues in mental health/nursing will be discussed. Open to junior standing students in the School of Nursing. Prerequisites: General Psychology and Human Growth and Development. Cr 3.

NUR 395 Holistic Health

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; or permission of instructor. Cr 3.

Recreation and Leisure Studies

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 emergencies, artificial respiration, wounds, poisoning, water accidents, drugs, burns, emergency childbirth, emergency rescue and transfer, and other topics. Successful completion of the course requirements will lead to advanced Red Cross first aid certification. Cr 3.

REC 217 Basic Sailing & Seamanship

An intensive study of the theoretical and practical elements involved in coastal sailing. Emphasis is on USCG safety regulations, seamanship, navigation, and sail handling. Cr 2.

REC 219 Lifetime Physical Fitness and Wellness

This course is intended to help students understand the basics of health/physical fitness and the importance of fitness as it relates to total lifestyle. In addition to lecture/discussion, each student will be given the opportunity to go through a personal fitness evaluation. Cr 3.





Summer Session
University of Southern Maine
96 Falmouth Street
Portland, ME 04103

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