

1988

## University of Southern Maine Course Catalog and Preliminary Schedule Summer 1988

University of Southern Maine

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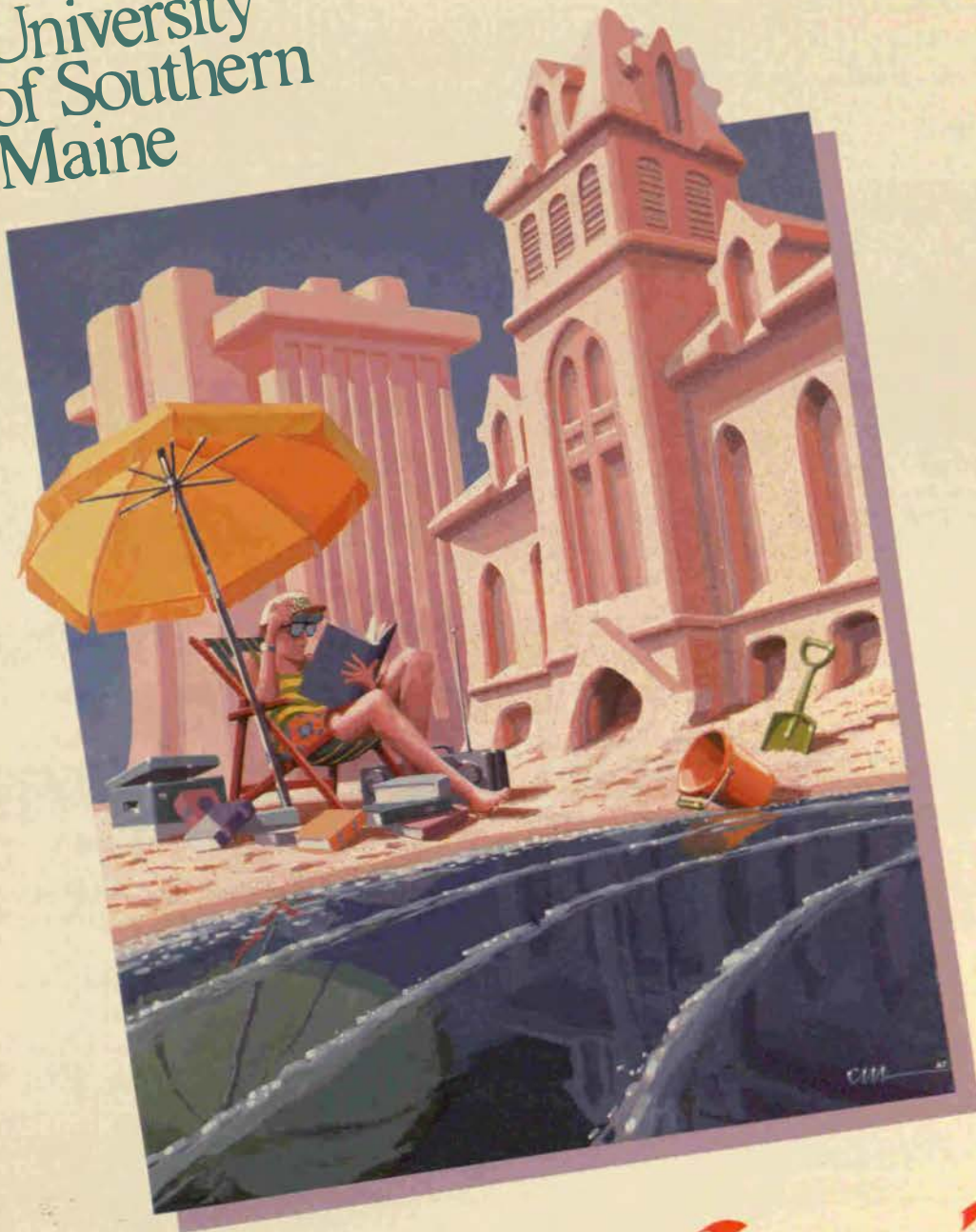
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University  
of Southern  
Maine



# Summer Session 1988

Build USM into  
your summer plans

# Summer Session Calendar 1988

(Registration continues through the beginning of each session.)

	<i><b>7-Week Session</b></i>	<i><b>4-Week Session</b></i>	<i><b>4-Week Session</b></i>	<i><b>7-Week Session</b></i>	<i><b>6-Week Session</b></i>	<i><b>4-Week Session</b></i>	<i><b>Variable Session</b></i>
	<u><b>1</b></u>	<u><b>2</b></u>	<u><b>3</b></u>	<u><b>4</b></u>	<u><b>5</b></u>	<u><b>6</b></u>	<u><b>7</b></u>
	<i><b>May 9- June 24</b></i>	<i><b>May 9- June 3</b></i>	<i><b>June 13- July 8</b></i>	<i><b>June 27- Aug. 12</b></i>	<i><b>June 27- Aug. 5</b></i>	<i><b>July 18- Aug. 12</b></i>	<i><b>Variable Dates</b></i>
<b>Residence Halls Open</b> (Refer to the Accommodations section of this catalog for more information)	Sun., May 8 2:00 p.m.	Sun., May 8 2:00 p.m.	Sun. June 12 2:00 p.m.	Sun., June 26 2:00 p.m.	Sun., June 26 2:00 p.m.	Sun., July 17 2:00 p.m.	Arranged
<b>First Day of Classes</b>	Mon., May 9	Mon. May 9	Mon., June 13	Mon., June 27	Mon., June 27	Mon., July 18	Variable
<b>Last Day to ADD or Change Credit or Grade Options*</b>	<b>*As a general rule, students may add classes through the second class meeting</b>						
<b>Last Day to DROP to receive 100% tuition refund</b>	May 6	May 6	June 10	June 24	June 24	July 15	Variable
<b>Last Day to DROP with no grade notation</b>	May 13	May 11	June 15	July 1	June 30	July 20	Variable
<b>Last Day to WITHDRAW With Grade of 'W'</b>	May 24	May 17	June 21	July 13	July 11	July 26	Variable
<b>Session Ends</b>	June 24	June 3	July 8	Aug. 12	Aug. 5	Aug. 12	Variable
<b>Holidays: University Closed</b> Monday, May 30, Memorial Day Monday, 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.

Students must comply with the Maine Immunization Law. Please see page 51.

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# University of Southern Maine

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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

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Give yourself credit and make the right choice this summer—choose Summer Session at USM

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The University of Southern Maine (USM) is a coeducational, public university located in Portland and Gorham, Maine, with an enrollment of over 9,000 students during the regular academic year. The University is accredited by the New England Association of Schools and Colleges. During the summer, over 3,000 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 1988. In addition, unique institutes and programs including the prestigious Stonecoast Writers' Conference, an Elderhostel, a music camp for talented high school students, and several institutes for teachers will bring people together to share ideas, develop professional expertise, learn new skills, or extend interest. Over 25 special summer programs will be offered on the University campus, as well as on Mackworth Island in Falmouth and at Wolfe's Neck Farm in Freeport.

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

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 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 some 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 Selections

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

Summer offers a blend of the educational, cultural, and recreational. Two stage productions are planned by our award-winning theatre department. Poetry readings, music concerts, planetarium shows, art exhibits, and nature walks will enrich your campus stay. Complete and modern gymnasiums are headquarters for our popular Lifeline programs which are available to summer students.

Students are encouraged to take advantage of the University's ideal location. An attractive vacation area, southern Maine offers a plethora of 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 afford 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.

This summer, the University of Southern Maine will host a variety of activities for the entire family. These will include:

### **Theatre**

A spectacular season that promises to include comedy and musical theatre.

### **Music**

The fourth summer concert series featuring the Southern Maine Concert Band will take place on the Gorham campus, as well as a chamber music series.

### **Art**

USM's Art Gallery will host a special "Drawing Biennial" exhibit in addition to a faculty and student review.

### **Workshops/Lectures**

A variety of workshops will be held on topics of interest to all such as:

- Beginning Basketry
- Advanced Basketry
- Wreathmaking
- Crocheted Christmas Ornaments
- Persian Rug Making
- Needlepoint
- Braided Rugs
- Movement for the Elderly

A lecture series on the People's Republic of China will be held on the Portland campus.

### **Films**

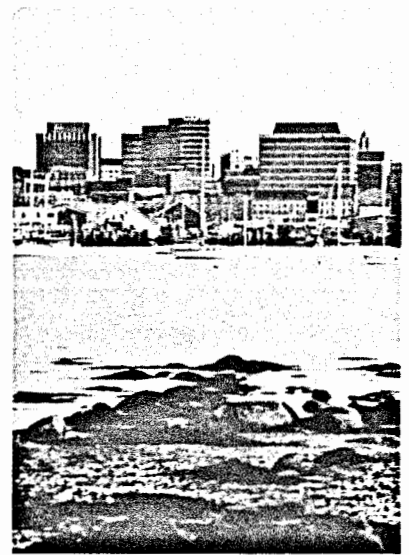
A focus on the nostalgic will make the summer film festival at USM exciting, with features such as *Nocturne*, *Girl Crazy*, *Key Largo*, and *Suspicion*. A special series for children is also planned.

### **The Outdoors**

For those in love with the outdoors, a series of bird walks, nature walks, and star walks will be hosted free of charge.

### **Planetarium**

It is hoped that our Planetarium will again host shows every Friday and Sunday evenings throughout June.



### **Summer Collegians**

A wide range of children's activities are planned for this summer including:

- Workshops in art, drama, science, photography, and computers
- Weekly films such as *Bedknobs and Broomsticks*, *Pinocchio*, *The Sword in the Stone*, and *Dumbo*.
- Evening seminars in basketmaking, mask making, the stars and the planetarium...and much more!

See the Summer Collegians section in this catalog.

For more information regarding these special Summer Selections, contact the Summer Session Office at 780-4076.



# Summer Hours, Offices, and People

USM has many offices designed to assist you as you involve yourself in Summer Session. The reference list below highlights a few of the offices frequented during the summer. Most offices on campus are open from 8:00 a.m. to 4:30 p.m. Some offices will have extended hours to accommodate student registration. Please contact the Summer Session office for more information.

<i>Office</i>	<i>Location</i>	<i>Telephone Number</i>	<i>Contact Person</i>
<b>Advising and Academic Information Department</b>	110 Payson Smith (Portland) 109 Corthell Hall (Gorham)	780-4040/4408 780-5340	Richard Sturgeon John Farrar
<b>Department of Conferences</b>	68 High Street (Portland)	874-6506	Kathie LeBel
<b>Financial Aid</b>	202 Corthell Hall (Gorham)	780-5250	Helen Parker
<b>Graduate Education</b>	408 Bailey (Gorham)	780-5306	Betty Lewis
<b>Off-Campus Programs</b>	110 Payson Smith, (Portland)	780-4470	Kathleen Bouchard
<b>Professional Development Center</b>	305 Bailey Hall (Gorham)	780-5315	George Lyons Joyce Martin
<b>Registrar's Office</b>	113 Corthell Hall (Gorham)	780-5230	Steve Rand
<b>Residence Life</b>	100 Upton Hall (Gorham)	780-5240	Joseph Austin
<b>Student Billing Office</b>	128 Payson Smith (Portland) 110 Corthell Hall (Gorham)	780-4026 780-5200	Norma Manning Sandra Lewis
<b>Summer Session</b>	106 Payson Smith (Portland) Gorham Campus (after May 9)	780-4076 780-5264	Susan Silvernail

## *Extended Hours for Registration*

Advising and Academic Information Department	110 Payson Smith	May 9-10 June 27-28	(8:00 a.m.-7:30 p.m.) (8:00 a.m.-7:30 p.m.)
Summer Session Office	Gorham Campus	May 9-10 June 27-28	(8:00 a.m.-7:30 p.m.) (8:00 a.m.-7:30 p.m.)
Student Billing Office	128 Payson Smith	May 9-10 June 27-28	(8:00 a.m.-7:30 p.m.) (8:00 a.m.-7:30 p.m.)



# Special Programs

## Institutes for Educators

Summer Session and The Professional Development Center for the College of Education sponsor special summer programs for graduate and recertification credit. Unless otherwise noted, call 780-5326.

### *Administering Programs in Special Education*

**EPD 573-51**

**June 20-24**

This course is designed for educators who are interested in understanding the role and responsibilities of special education directors. It will focus on the knowledge necessary to develop and administer programs in special education. Topics include: functions of the special education director; legal mandates for special education programs and personnel; work with parents, school boards, and educators; state department connections; organizational and management systems. (Graduate credit) Instructor: Kathryn Markovchick (778-3501)

### *Critical Thinking and Performance Processes*

**EDIS 795-51**

**June 20-24**

This session is intended for classroom teachers who seek: 1) a better understanding of the MEA; 2) classroom strategies for helping students develop the abilities of critical thinking and reading; and, 3) specific procedures to aid students in the demonstration of their acquired knowledge. During this five-day session, the participants will be active learners in large and small group experiences. The course is designed to meet the needs of teachers of grades three through high school. A follow-up session will be scheduled in the fall of 1988. (Recertification credit) Instructor: Edna Smith (780-5310)

### *Economic Education Workshop*

**EPDI 529-51**

**June 22-July 8**

This course is designed for teachers to develop an understanding of basic economic concepts in order to integrate economic education into their curriculum. No prior knowledge of economics is necessary. Through a self-designed project, the needs of teachers of all grade levels will be addressed. (Inservice graduate credit) Instructor: Richard McKeil, (780-4033)

### *Health and Fitness for Older Adults Institute*

**REC 279-01**

**June 23-24**

This two-day institute will examine and analyze contemporary health and fitness problems and present practical information relevant to the design and conduct of health and fitness programs for the elderly and the frail senior adult. Topics will include: 1) common health and fitness problems of older adults; 2) osteoporosis; 3) understanding and managing problems of older adults; 4) recreational and leisure activities for the frail elderly; implications for activity leaders and caregivers; 5) modification and adaptation of facilities and equipment for activity programs; and 6) practical movement-related activities for senior adults. Presenters will address these issues from the perspective of activity directors, hospital personnel, senior citizens, health and physical educators, and other health-related professionals. (Undergraduate credit) For more information and to register, call Summer Session at 780-4076.

### *Sports Psychology Institute*

**PSY 400-01**

**June 23-25**

This is a two-and-a-half day institute that will examine a number of current issues in sports psychology. Topics include: 1) drugs in sport; 2) psychosocial effects of sport participation on child development; 3) applied sports psychology for the individual and team athlete(s); 4) home court advantage: myth and reality; 5) discussion sessions with practicing sports psychologists; and 6) additional topics. Presenters will address these issues from the perspective of the athlete, coach, sports professional, and parent. (Undergraduate credit, recertification credit) For more information and to register, call Summer Session at 780-4076.

### *Summer Science Symposium for the Classroom Teacher*

**EDIS 801-51**

**June 27-July 1**

The Summer Science Symposium offers science teachers opportunity to expand and refine their knowledge of science concepts and to develop practical classroom applications of these concepts. It provides concentration in five science disciplines related to the respective teaching fields of the participants: Biology, Chemistry, Physics, Earth-Geosciences, and Interdisciplinary Sciences with a Middle School focus.

Each module is staffed by a University of Southern Maine science professor and a public school science teacher/mentor. Each module includes lab demonstrations and field trips where appropriate. (Recertification credit) Instructor: Alan Smith (780-4232)

### *Institute in Educational Gerontology: Aging and the Life Review*

**HRD 645-51**

**June 27-July 1**

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 backward," will be explored. Participants will develop practical methods of facilitating life review for themselves and older clients. It is important that students register EARLY for this institute. There will be a substantial amount of reading required prior to the first class. Those registering after June 1 must obtain the permission of the instructor. (Graduate credit) Instructor: E. Michael Brady (780-5316)

### *Institute on Identification of the Gifted*

**EPD 553-51**

**June 27-July 1**

This course is for individuals responsible for planning, implementing, and extending procedures for identification of students in programs for the gifted. Topics will include 1) establishing and articulating identification procedures in each of the categories of giftedness required by the state, 2) selecting and adapting objective and subjective instruments, 3) formulating processes for student continuation or exit from a program/provision, 4) interpreting/meeting the requirements of the Maine state guidelines, and 5) addressing current issues relative to placing students in programs for the gifted. (Graduate credit) Instructor: Susan Tarver

**Newspapers in Education**  
**EDW 472-51**

**June 27-July 1**

This is a practical course for teachers in elementary and middle through high school classrooms to explore ways to use the newspaper in the classroom. Through a hands-on approach in this one-week course, participants will learn how to integrate highly motivating and educational newspaper activities into their classroom curricula. Special emphasis will be given to using newspapers to teach critical thinking and decision making skills within content areas or in an integrated curriculum. Breakout sessions will give participants opportunities to develop newspaper activities to fit students' needs for specific grades or subject areas. (Recertification credit) Instructor: Becky Hayes Boober (289-5982)

**Project for the Development of Instructional Support Teams**  
**EPD 525-51**

**June 27-July 15**  
**July 11-29**

This project is designed to assist school districts in their preparations to implement Maine's new teacher certification law. Teams of teachers and administrators will expand repertoires of instructional strategies, develop skills for observing teaching and collecting data, practice procedures for conducting instructional conferences and develop the ability to present staff development programs. (Graduate credit) For registration information, call Grant McGiffin at 780-5326.

**Southern Maine Writing Project**  
**EPD 520-51**

**June 27-July 15**

Affiliated with the National Project Network, SMWP will conduct an intensive three-week writing institute for classroom teachers and language arts specialists in elementary, junior, and senior high schools. Participants will practice theory-based strategies for teaching writing as process, participate in reading/writing groups, and develop presentations for subsequent in-service workshops in Maine schools. (Graduate credit) For information or registration, call George Lyons at 780-5326.



**Computers and Education for the Gifted**  
**EPD 555-51**

**July 5-9, 11-15**

This course is for individuals who work with gifted/talented students (of any age) and who wish to integrate appropriate computer-based learning activities with other qualitatively differentiated experiences for these students. Both theory and practical applications will be included in the course. (Graduate credit) Instructor: William Beasley

**Hearing Impairment Institute: Oral/Aural Development**  
**EPD 572-51**

**July 11-15**

Presented by a national faculty at the Governor Baxter School for the Deaf, the course will cover the basic methods of and models for developing speech and auditory skills in hearing impaired students. Information concerning the sequence of phonological development in hearing as well as hearing impaired individuals will be the focus. Topics include: interpretation of assessment data, development of individualized speech and auditory goals, and integration of speech training in classroom contexts. (Graduate credit) Instructor: Lynn Schardel (781-3165)

**Middle School Institute**  
**EPD 511-51**

**July 17-22**

The program's focus is on teaching and knowing the young adolescent with emphasis on how to develop staff communication and skills to provide equality 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 next school year. (Graduate credit) Instructor: Cherie Foster (780-5300)

**In Celebration of Children's Literature**  
**EDIS 800-51**

**July 13-15**

This is an institute immersing the participants in the wonders of children's literature. Drawing upon the talents of authors, illustrators, storytellers, poets, university and master teachers/librarians, the course will provide participants with skills to use literature in exciting ways with students. The format includes large group lectures by guest faculty, sharing sessions among participants, and workshops exploring successful ways to share literature. (Recertification credit.) Instructor: Joyce Martin (780-5315)

***Integrating Curriculum in the Primary Classroom***

**EDIS 792-51**

**July 18-21, 25-28**

With a focus on how children learn and grow, this course will explore ways of organizing the K-6 classroom which meets their developmental attributes. Based on his experiences in the British schools, the instructor will explore how to integrate curriculum areas (math, science, language arts, and social studies) without being caught up in the traditional subject barriers. The curriculum, time table, record keeping, adaptability, and organization of the integrated classroom are major topics. (Recertification credit) Instructor: David Townsend, Christ Church College

***Whole Language in Early Childhood Classes: PS-1***

**EDIS 692-51**

**July 18-22**

This is a recertification course for teachers of preschool, kindergarten, or first grade children focused on teaching through the whole language approach. The focus is on whole language practices, the language experience and the writing process for young children, shared books, and thematic teaching. (Recertification credit) Instructor: Judy Kennedy

***Storytelling***

**EPDI 530-51**

**July 18-22**

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 notion and practice of the child as storyteller. (Inservice graduate credit) Instructor: Ellin Greene

***Whole Language Conference***

**EDIS 787-51**

**July 25-27**

This three-day program is for K-8 teachers, administrators, consultants, and parents who are interested in the concept of whole language teaching. It is for both practitioners already involved in this approach to teaching as well as for participants wanting to explore this popular subject. Topics include: whole language philosophy, language arts integration; developmental processes; managing a whole language program;

strategies and techniques; parents as partners; and integrated curriculum. There will be general speakers and varied workshops so participants can choose applicable sessions. Fall follow-up day. (Recertification credit) Instructor: Carolyn Holman (780-5081)

***Teaching for Social Responsibility***

**EPDI 538-51**

**July 25-29**

This institute is designed to prepare K-12 teachers to introduce thinking and decision-making skills using contemporary issues of peace and justice. Topics to be examined include: age-appropriate approaches to teaching about social issues; bias in teaching controversial subjects; cooperation, conflict resolution and negotiation skills; consideration of multiple perspectives on a single issue; and teaching approaches that support student participation and promote the development of an informed social consciousness. Fall follow-up day. (Inservice graduate credit) Instructor: Carol Lynn Davis, 780-5316

***Early Childhood Institute: Observation in the Educational Process***

**EPDI 541-51**

**July 25-29**

This course is designed to help early childhood educators refine the ability to observe the behavior of young children and record information about children in the context in which they develop. Students will examine a variety of observational methods used to describe young children and their learning environments. Emphasis will be placed on the matching of an appropriate observation method to different research and practice questions. (Inservice graduate credit) Instructor: Joanne Benn

***Moving Toward Whole Language***

**Instruction: Grades 2-4**

**EDIS 758-51**

**August 1-5**

Research in language development, reading, and writing has inspired teachers to expand their concept of "literacy." This thinking now supports a major shift toward "process" instruction, especially in language arts. This course will provide a necessary balance between theory and practice to enable the 2nd through 4th grade teacher to plan instruction consistent with whole language theory. (Recertification credit) Instructor: Bonnie Reidman

***Childhood Psychopathology Institute***

**PSY 400-02**

**August 4-6**

This two-and-a-half day workshop will examine current issues in child mental health, including a discussion of topics such as the psychosocial effects of divorce on child development; adolescent anger control training; cognitive-behavioral techniques; childhood firesetting; adolescent sex offenders: assessment and treatment, among others. 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. (Undergraduate credit; Recertification credit) For more information or to register, contact Summer Session at 780-4076.

***Arts Education Institute***

**EPD 503-51**

**August 8-11, 15-18**

This program is designed to provide a variety of arts experiences and arts education strategies for teachers of all levels and subjects. The institute offers the opportunity to plan creative interdisciplinary projects using the arts to enrich the classroom environment. The faculty of artists and arts educators collaborate to blend their expertise about using the arts to enhance classroom teaching. Extensive use of the Portland Museum of Art resources is planned. Visiting lecturers will share presentations about model arts programs and the relationship of aesthetics, learning, and human development. Fall follow-up day. (Graduate credit) Instructor: JoAnna Moore (780-5468)

***Teaching Strategies for Encouraging the Gifted/Talented***

**EPD 554-51**

**August 8-12**

This one-week institute is for teachers, program coordinators, and others who work with gifted and talented students. The focus of the institute will be on providing educators with very practical techniques for working with these students (within the classroom or through a resource room). Basic theory for using the techniques will also be presented by these nationally recognized experts. (Graduate credit) Instructors: Dorothy Sisk, Hilda Rosselli

**Video Production for Teachers:  
Intermediate  
EDIS 788-51  
August 8-12**

This course is designed to expand skills of teachers in the use of school video equipment. Camera techniques and editing will be developed through demonstration and hands-on experience. A major focus of the workshop will be exploring effective ways video can be used in classrooms and libraries, with adults or students as producers. (Recertification credit) Instructor: James Coleman

## **Elderhostel**

**Week I: July 10-16  
Week II: July 17-23**

Elderhostel, a network of over 400 colleges, universities, and other schools, combines the best tradition of education and hosteling. The USM Elderhostel offers week-long academic programs to people over the age of 60 or to those whose spouse or companion qualifies.

The University of Southern Maine will offer two weeks of Elderhostel this summer. The courses being offered in this summer's Elderhostel are both challenging and exciting. The courses are noncredit and are taught by University faculty members. There are no exams, no grades, and no required homework. The courses in general do not presuppose prior knowledge of the subject. Lack of formal education is not a barrier. Whether you've finished grade school or earned a Ph.D., if you have an adventurous spirit, you're perfect for Elderhostel.

The registration fee for one week of Elderhostel at USM is \$235.00. This includes tuition, room and board for the week (Sunday dinner through Saturday lunch), and the various extracurricular activities available to hostellers. For local Elderhostelers who do not wish to live on campus, the registration fee is \$95.00. The program will be held on the Gorham campus.

To register, please send your name, address, age, and Social Security number, along with the Elderhostel week you want to attend to: Elderhostel, Department of Conferences, University of Southern Maine, 96 Falmouth Street, Portland, Me. 04103.

The course offerings for each of the Elderhostel weeks are as follows:

### **Elderhostel Week I**

#### **Abraham Lincoln and Hannibal Hamlin**

This course will discuss Lincoln, a figure of intrinsic value and enduring fascination and his vice-president, Hannibal Hamlin, one of Maine's finest statesmen. Why is one immortal and the other forgotten?

#### **Investing in Your Future**

This course will examine the functions of the stock market and evaluate the various media of investments in terms of their risks and profits. What is a mutual fund? Is speculation worth the risk?

#### **Republican Motherhood: Women in the American Revolution and the New Nation**

Using two prevalent themes, the Bicentennial of the Constitution and women's history, biographical details and generalized material concerning evolving political, economic, and social patterns of women will be examined.

### **Elderhostel Week II**

#### **Basic Personal Accounting/ Recordkeeping for the Lay Person**

This course offers a basic introduction to accounting and recordkeeping taught in a non-technical fashion. It includes the related topics of income taxes, pensions, business law, and investments.

#### **Exploring Self and Relationships**

Through the use of the Myers-Briggs Type Indicator, this course will examine how people interact with each other, covering topics such as the relationship between perception and decision, and the effect of personality on our interactions.

#### **Contemporary Soviet Culture**

A combined lecture/slide presentation based on the instructor's personal experiences in Soviet Russia, this course will examine the cultural similarities and differences of five Soviet Republics (Estonia, Russia, Armenia, Georgia, and Azerbaijan).

## **Field Camps**

### **Geology Field Camp GEY 350**

**May 31-July 1**

This basic course in geological field methods will introduce students to the tools and practical techniques used in collecting, compiling, and analyzing geological data, including area geology, topographic and aerial photo mapping, and structure and stratigraphic sections. Students will be required to submit maps and accompanying structure and stratigraphic sections and brief reports of assigned projects within the work areas. From the major field station at the University of Southern Maine (Gorham campus), students will be assigned projects along the coast of southern Maine. Included in this area are deformed Lower Paleozoic metamorphic rocks, and igneous rocks of the New Hampshire and White Mountains plutonic series. The last week of the course, students will travel to the University of Maine at Machias campus to study the Middle Paleozoic volcanic and fossiliferous sedimentary rocks of northern Maine. For more information contact: Stephen Pollock, Department of Geosciences, USM, 37 College Ave., Gorham, ME 04038 (207)780-5351 or the Summer Session office at 780-4076.



### **Archaeology Field Camp**

**GYA 300**

**May 23-July 1**

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.

## **Special Seminar**

**Child Abuse/Family Violence Seminar**  
**June 3-17**

**Portland campus**

As a cooperative institute between USM's Public Policy and Management Program and the University of Southern California, the goal of this special topic seminar is to facilitate an effective response to the needs of child abuse and family violence victims, and to assist individuals in making appropriate decisions regarding intervention, referral, and investigation in child abuse cases. The seminar is designed to meet the needs of the specialist, patrol officer, supervisor and juvenile function manager. For more information, contact Summer Session at 780-4076.

## **Sports Psychology Institute**

**June 23-25**

This is a two-and-a-half day institute that will examine a number of current issues in sports psychology. Topics include: 1) drugs in sport; 2) the psychosocial effects of sports participation on child development; 3) applied sports psychology for individual and team athlete(s); 4) home court advantage: myth or reality; 5) discussion sessions with practicing sports psychologists; and, 6) additional topics. Presenters will be asked to address these issues from the perspective of athlete,

coach, sports professional and parent. For more information or to register, contact the Summer Session office at 780-4076.

## **Childhood Psychopathology**

**August 4-6**

This two-and-a-half day institute will examine current issues in child mental health, including topics such as the psychosocial effects of divorce on child development; adolescent anger control training; cognitive-behavioral techniques, childhood firesetting, adolescent sex offenders: assessment and treatment; among others. 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 780-4076.

## **Physical Conditioning for the Athlete and Coach**

**June 16-17**

This two-day workshop will examine a number of contemporary topics of concern in the physical conditioning of athletes involved in interscholastic or intercollegiate athletics. On June 16, the focus will be on the athlete, with a session in general aerobic conditioning and general weight training being presented by fitness experts. On June 17, the focus shifts to the coach, as well as the athlete, with separate sessions being offered in physical conditioning for basketball, football, baseball, and track and field. Offered by well-known coaches in the four sports, these sessions will consist of lectures, question and answer periods and some practical applications. For more information about this workshop, contact the Summer Session office at 780-4076.





## Health and Fitness for Older Adults Institute

June 23-24

This two-day institute will examine and analyze contemporary health and fitness problems and present practical information relevant to the design and conduct of wellness and fitness programs for the elderly and the frail senior adult. Topics will include: 1) common health and fitness problems of older adults; 2) osteoporosis; 3) understanding and managing problems of older adults; 4) recreational and leisure activities for the frail elderly: implications for activity leaders and caregivers; 5) modification and adaptation of facilities and equipment for activity programs; and 6) practical movement-related activities for senior adults. Presenters will address these issues from the perspective of activity directors, hospital personnel, senior citizens, health and physical educators and other health-related professionals. Participants may register for REC 279, Health and Fitness for Older Adults (3 credits).

## A Maine Sailing Adventure

*A Maine Sailing Adventure* is an intensive, four-day experience in which participants will learn boating safety, sail handling, and navigation on board a classic sailing vessel in beautiful Casco Bay. Participants will live aboard the vessel, learning all the basics of cruising seamanship and detailed chartwork in addition to receiving complete training in dead reckoning, piloting, and electronic navigation.

*A Maine Sailing Adventure* will be taught by Coast Guard-licensed captains Tom Power and Larry Wheeler, who will use their own vessels for the course. Power's vessel, the *Nefertiti*, is a 36-foot Clipper Ketch and Wheeler's is a 55-foot schooner named *Blackbird*. Both *Nefertiti* and *Blackbird* are U.S. Coast Guard-documented vessels. Ten sections of "A Maine Sailing Adventure" will be offered this summer and credit is available for an additional fee. For more information contact the Summer Session Office at 780-4076.

## Freshman Programs

### Great Beginnings August 1-19

The Advising and Academic Information Department and the Division of Off-Campus Instruction offer a program for the new college freshman. In its fourth year, Great Beginnings offers all freshmen the opportunity to get a head start on their academic career by taking two courses, ENG 009, Developmental English, and FRS 100, Freshman Seminar before the start of the fall 1988 semester. Highlights of this year's program include:

- intensive study in English and the Freshman Seminar, to enable students to meet University requirements in English and to gain 3 elective credits (FRS 100) toward their degree program.
- a team teaching approach to ENG 009 and FRS 100 that provides students with the academic support needed to be successful in their courses.

### For More Information

Contact the Advising and Academic Information Department at 780-4040, or the Summer Session office at 780-4076; or write, Advising and Academic Information Department, University of Southern Maine, 96 Falmouth Street, Portland, Maine 04103.

## High School Programs

During the 1988 Summer Session, the University of Southern Maine will sponsor several institutes for high school students. Although still in the planning stages at the time of publication of this catalog, these workshops are to be designed for students who will be entering their junior and/or senior years during the fall of 1988. Enrollment for each of these programs will be limited. For more information about any of these programs and the application process, contact the Summer Session office at 780-4076.

## Program Offerings

### USM Science Seminar

USM will be hosting the third annual Science Seminar for high school students at the Gorham campus, July 10-16. Students will be housed in campus dormitories and take their meals in the campus dining hall.

The major science areas of physics, chemistry, biology, and geosciences are again scheduled. This week-long, intensive study of a specific subject area is designed to enhance and enrich student background in a respective field. In addition to science experiences, students will also come to appreciate campus living and come to make friends with other high school students from around the state. Specific topics presented in each discipline will be described at a later date.

Maximum student enrollment per discipline is set at 16, and early applications and recommendations are suggested. The fee of \$150.00 includes course tuition, room and board. The University will also provide numerous evening activities, most of which will be free to students. For more information, contact Summer Session at 780-4076.

### USM Computer Seminar

USM may be sponsoring a week-long computer seminar for high school students at the Gorham campus, July 17-23. As with the Science Seminar, students will be housed in campus dormitories and will eat in the campus dining hall.

Maximum student enrollment is set at 16, and early applications and recommendations are suggested. The fee of \$260.00 includes course tuition, room and board. The University will also provide numerous evening activities, most of which will be free to students. For more information, contact the Summer Session office at 780-4076.



## 1988 Summer Study

During 1988, USM will sponsor or co-sponsor several exciting summer travel study courses. For more information about any of the following programs, contact the Summer Session Office at 780-4076.

### *In the Soviet Union*

*The Economic and Social Systems of the USSR*

*University of Southern Maine  
June 26-July 10*

This course will be centered around a two-week visit to the Soviet Union during which students will visit the cities of Moscow, Tbilisi, and Leningrad. The objective of the course and trip is to provide students with an understanding of the economic, social, and political institutions of the USSR through lectures, readings, discussions, and visits to the Soviet economic institutions, and meetings with Soviet counterparts. The visit to each city will include a city tour, visits to museums and historic places, evening performances, meetings with various Soviet groups and, inasmuch as is possible, organized around some central economic themes.

Students interested in receiving academic credit will need to fulfill additional requirements associated with the course (an exam over the readings, lectures, etc., for ECO 299; and paper in addition to the exam for ECO 399).

Cost: \$2695

Price includes all travel from New York and return, as well as all lodgings (double occupancy) and meals with no taxes or tipping.

For more information, please contact: Professor Frank A. Durgin, University of Southern Maine, School of Business, Economics & Management, 96 Falmouth Street, Portland, ME 04103, (207) 780-4306, or the Summer Session office at 780-4076

### *Teaching about Russia and the Soviet Union*

*EPDI 561*

*August 4-25*

Academic study and a program of travel create an unusual opportunity for educators to learn about Russia and the Soviet Union through a cultural immersion program. Pre-course reading and lectures at USM provide the background for an uncommon travel opportunity and the basis for the course's outcome.

In 17 days in the Soviet Union, participants visit major cultural and political centers, travel to varied ethnic areas, and meet Soviet professionals and ordinary people. Through participation in the "Soviet People's Tour" each student will enjoy the hospitality of a Soviet host family in their home. For teachers and administrators, the Soviet experience, observation, discussions, and reflections will lead to the development of appropriate classroom materials and lessons.

Cost: contact Diane Barnes at 780-5320 for cost

This price includes tuition for 3 graduate credits and travel

For more information, please contact: Christine Holden, assistant professor, or Diane Barnes, assistant professor, History Department, (207) 780-5320 or 780-5059.

## Programs for Health Professionals

The Department of Continuing Education for Nursing and Health Professions sponsors numerous activities for health professionals during the summer, as well as during the academic year. For more information, contact the Department at 874-6550.

### *Tentative Summer Program Listing*

- Nursing Research Day
- Eating Disorders
- Near Death Experiences
- Patient Teaching
- Hazards of Immobility
- NCLEX-RN Review

## Lifeline

### *What is Lifeline All About?*

The University of Southern Maine Lifeline Adult Fitness Program is a comprehensive approach to total fitness through various exercise programs of prevention, intervention, rehabilitation, and recreation/leisure. Thousands of members of the Greater Portland community participate in a variety of activities ranging from Walk/Jog to Cardiac Rehabilitation.

All Lifeline activities are designed to promote positive lifestyle changes through education and exercise. Application to all programs should be made well in advance.

## **Aerobic Programs**

### **Walk/Jog**

**10-week sessions, start Monday,**

**July 11**

**Registration deadline: Friday,**

**June 24**

**Multiple times/locations**

**Variable fees**

Walk/Jog is a program designed for the sedentary person who is not in good physical condition. This aspect of Lifeline is essentially a routine of walking/jogging, calisthenics, stretching, and relaxation techniques. Exercise begins slowly and progresses each week.

### **Aquatics**

**10-week session starts Monday,**

**July 11**

**Registration deadline: Friday,**

**June 24**

**Multiple times/locations**

**Variable fees**

Aquatics is a cardiovascular exercise program for those who prefer swimming. Non-swimmers may also participate, as many of the exercises can be performed in the shallow end of the pool. A combination warm-up/water calisthenics routine is followed by a peak exercise period where heart rates are elevated to improve cardiorespiratory endurance. The exercise sessions end with a cool-down period of slow walking and swimming, and final stretch downs on the pool deck.

### **Aerobic Dance**

**10-week session starts Monday,**

**July 11**

**Registration Deadline: Friday,**

**June 24**

**Multiple times/locations**

**Variable fees**

Aerobic Dance is a choreographed exercise program focusing on aerobic conditioning, muscular endurance, postural flexibility, and relaxation. Simple dances ranging from slow stretching warm-ups to strenuous rhythmic routines are followed by mat work to improve muscle tone, strength, and flexibility. Various relaxation techniques are explored at the end of each class.



### **Energy in Motion**

**10-week session starts Monday,**

**July 11**

**Registration deadline: Friday,**

**June 24**

**Multiple times**

**Variable fees**

Energy in Motion is a comprehensive exercise program consisting of aerobic conditioning, muscular endurance and toning, postural flexibility and relaxation. Floor exercises done to contemporary music make up the aerobic portion of the classes. Various relaxation techniques are utilized at the end of each class.

### **Senior Lifeline**

**Registration ongoing**

**Monday, Wednesday, Friday**

**10:30-11:15 a.m.**

Senior Lifeline is designed for persons over 60 years of age, including those who require a low level of exercise. Cardiovascular conditioning, determined by individual age-predicted heart rates, includes stationary bike riding, walking or a combination of walking and jogging. Emphasis is placed on flexibility and postural muscle strength, accomplished through slow stretches and muscular improvement of specific muscle groups. Senior Lifeline should be considered a maintenance exercise program where individuals progress at their own rate.

## **Rehabilitation Programs**

### **Heartline**

**10-week session begins August 15**

**Multiple times**

**Variable fees**

Heartline is a program of cardiac rehabilitation for post-coronary and high risk individuals. This is a physician-supervised class, utilizing walking, jogging, and swimming to recondition persons who need close supervision while exercising. All participants must be referred to Heartline by their personal physician. While Heartline provides medical supervision during the exercise session, it is not intended to replace the role of the primary physician. Throughout the program, periodic reports are sent to the primary physician and all significant events are promptly recorded. Heartline is intended to improve communications between the participant and personal physician. All necessary forms are provided by the Heartline office. All participants must enter the program at the start of a new session.

### **Love Your Back**

**6-week session begins July 19**

**Tuesdays 5:00-6:15 p.m.**

**Fee: \$48.00**

Love Your Back is a program consisting of progressive low-level exercise routines combined with periodic educational sessions. Emphasis is placed upon the improvements of postural and muscular strength and endurance, body flexibility and relaxation techniques. Along with the exercise sessions,

specific time is devoted to topics relating to low back problems. Such items as body anatomy and physiology, causation factors, body mechanics and nutrition will be integrated into the program. Medical clearance is required for all participants regardless of age. Appropriate medical forms will be provided for your physician to sign.

**Pulmonary Rehabilitation**  
**10-week session begins June 7**  
**Tuesdays and Thursdays,**  
**11:00 a.m.-12:00 noon and**  
**1:30-2:30 p.m.**

This is a comprehensive program of exercise, education, and proper medical management for patients with chronic obstructive pulmonary disease. This is accomplished by increasing awareness of the disease and its management, and through participation in a progressive cardiopulmonary exercise program, thereby enabling adaptation to improve lifestyles. Participants are enrolled in the program only after referral from their primary care physician.

**Weight Training Programs**

**Bodyshop**  
**6-month or yearly membership**  
**Registration ongoing**  
**Variable fees**

Bodyshop helps people improve their posture and strength in a supervised program of weight training. A complete assortment of weight training equipment is available including Nautilus, Universal, and free weights. The program is a sensible approach to progressive resistance weight training for improving body tone, muscular strength, power, and endurance. Individually prescribed programs of exercise are designed to meet the particular goals and needs of each participant.

**Youth Weight Training**  
**8-week session begins TBA**

This training/conditioning program is a supervised training program for boys and girls 14 to 17 years of age. Courses are offered throughout the year utilizing the Lifeline Bodyshop. The program is designed to teach proper conditioning values and techniques, increase muscular strength and endurance, increase flexibility, and increase cardiovascular conditioning.

**Summer Recreation/Leisure Services**

**Leisure Learn**  
**6-month or yearly membership**  
**Registration on-going**  
**Fee: 6 months, \$80.00;**  
**1 year, \$150.00**

Membership in the Leisure Learn Program entitles you to make use of the University of Southern Maine Portland Campus multi-purpose gymnasium located on Falmouth Street. Lockers and towel service are provided. At your disposal are more than 15,000 square feet of Tartan surface for activity such as weight-lifting, racquetball, squash, handball, basketball, volleyball, badminton, tennis, dance, yoga, etc. The Leisure Learn weight room with a combination of Nautilus, Universal, and free weights is one of the most complete weight-training facilities in New England. The gym is available seven days a week, year-round, for your physical fitness and recreation needs.

Membership restricted to adults 18 years or older.

**Aikido**  
**Tuesdays and Thursdays,**  
**6:30-7:30 p.m.**  
**Saturdays, 3:00-4:00 a.m. and**  
**4:15-5:15 p.m.**

Martial art/self defense training.

**Eastern Exercise and Relaxation**  
**Wednesdays 7:30-8:30 p.m.**  
**June 9-August 11**

**Yoga**  
**2 sections, beginner and**  
**intermediate**  
**Beginners: 6:30-8:30 a.m. and**  
**10:00-noon**  
**Intermediates: 6:30-8:30 p.m.**

An art designed to create harmony of mind, body, spirit.

**Tai Chi Ch'uan**  
**Tai Chi Fundamentals: Level I**  
**Yang Style Cong Form: Level II**  
**TBA**

Flexibility, strengthening and relaxation program.

**Shiatsu**  
**TBA**

An art geared to stretching, breathing, exercises, and meditation.

**Games by the Sea**

**June 5**  
**1:00-4:00**

A celebration of play and playfulness for adults and children.

**Employee Wellness**

Lifeline has designed a comprehensive wellness program that can be tailored to companies large and small. This specialized approach focuses on the areas of employee health promotion and disease prevention. Activities can be offered either at the workplace or at the Lifeline facility. Services may include:

- program planning
- lifestyle/fitness assessments
- smoking cessation
- physical fitness
- stress management
- recreational activities
- project management

Details and/or brochures may be obtained by calling Lifeline at 780-4170.

**Stonecoast Writers' Conference**  
**July 31-August 12**

The Stonecoast Writers' Conference is for students, teachers, and others seriously interested in writing who seek to improve their written work in the areas of poetry, short stories, and novels. 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, English Department, University of Southern Maine, 96 Falmouth Street, Portland, Maine, 04103. Manuscript samples are required for admission. For further information, call 780-4291.

**The Courses**  
**Fiction Writing**  
**ENG 202**

This is a 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. Apply through the English Department only. Cr 3.

**Fiction Workshop**  
**ENG 302**

This is an advanced course in writing fiction. Discussion of student short stories and work-in-progress with emphasis on subject development, plot, style, and publication standards. Manuscript conferences with the instructors will be held. A manuscript sample (completed short story, approximately 10 to 20 pages) is required for admission. Apply through the English Department only. Cr. 3

**Poetry Workshop**  
**ENG 303**

An advanced course in writing poetry, this class involves intensive class discussion of students' poems, with follow-up conferences with the instructors. Class assignments will explore contemporary poetic techniques and perspectives. A manuscript sample (approximately 5 poems) is required for admission. Please apply through the English Department only. Cr. 3

**Writing the Novel**  
**ENG 304**

This workshop, for writers whose fiction requires the scope of the novel, will examine ways of structuring complex material, with attention to the relation of parts to the whole. It will consider the problems—practical and creative—peculiar to sustaining a single creative effort over a long period of time. Students will present chapters and projected plans in an atmosphere of supportive discussion and criticism. A manuscript sample (30 pages and an outline from work-in-progress) is required for admission. Apply through the English Department only. Cr. 3.

For additional information, contact Kenneth Rosen at 780-4291

## Summer Collegians

During Summer Session 1988, the University will offer an array of overnight and day programs for children and youth from infancy through age 18. The programs are designed to address all facets of the child: social, recreational, artistic, athletic, and educational.

### Workshops

**Children's Art Workshop**

**Ages: 6-14**

**Dates: June 27-July 29**

The Children's Art Workshop offers students a chance to work in depth on a variety of art projects. During this intensive program students will be supervised instruction, learning about art processes, art materials and arts importance in our lives. Each day will also include time for students to work on projects of their own choosing. Students will have the opportunity to work as a whole group as well as in different age groups where appropriate. Eligibility includes students who have completed first grade up to students who have completed 8th grade.

**Children's Drama Workshop**

**Ages: 7-II**

**Dates: June 27-July 15**

This two-week program offers a unique theatrical experience for children ages 7-II. Through a variety of structured games, the child will be encouraged to make an honest and exciting individual contribution to the group effort that theatre requires. Instruction and activities will include a focus on movement, including sensory awareness, improvisation, and mime, work with scripted material (with the child having input both as a playwright and actor) and an introduction to technical theatre. Field trips and a final presentation are planned.

**Children's Science Workshop I**

**Ages: 7-II**

**Dates: July 5-15**

The study of aquatic life can be both challenging and fascinating. During this two-week workshop students will focus on a wide variety of plant and animal life. The goal of the session is to expose students to living organisms found in both pond and ocean water. Preliminary plans include a scavenger hunt at Kettle Cove, a trip to a bog, and a salt water marsh. Other trips include a visit to the Wolf Neck area in Freeport and the Maine Aquarium in Saco. Laboratory instruc-

tion is also on the agenda of this exciting two-week workshop.

**Children's Science Workshop II**

**Ages: 6-II**

**Dates: July 18-29**

The study of human body and how maintaining it is the key to health is not only a fascinating topic, but one to which all students should be exposed. During this two-week workshop, students will learn about the functioning of the human body—of the heart, the brain, muscles, and joints—in a way that is instructive and fun.

**Children's Computer Workshop I**

**Ages: 7-II**

**Dates: July 5-July 15**

This two-week workshop will provide students with the opportunity to learn some basic programming skills as well as how to use packaged software such as wordprocessing, games, and personal filing systems. The teaching focus will be upon the educational applications of computers.

**Children's Computer Workshop II**

**Ages: 7-II**

**Dates: July 18-July 29**

This two-week workshop builds upon the Computer Workshop I and will deal with such topics as spreadsheets, more complex wordprocessing, and programming skills. As with the first workshop, the teaching focus of this seminar will be upon the educational applications of computers.



## **Child Care Services**

### **Day Program**

**Infant, Toddler and Preschool**

**Ages: 6 weeks to 6 years**

**Dates: May 9-September 2**

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

**Location: Child Care Center (Portland Campus) or High Street Center**

Full time, part time and hourly rates available.

### **Evening Program**

**Ages: 3 years to 12 years**

**Dates: May 9-September 2**

**Hours: 3:00 p.m.-Midnight**

**Hourly rates**

**Location: Child Care Center, Portland Campus**

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

### **Developmental Day Camp**

**Ages: 6-14 years**

**Dates: June 27-September 2**

**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 11-14 year old group, plus a Counselor in Training Program for 14 year olds.

For more information, please call USM Child Care Services, 780-4125

## **Camps**

### **Southern Maine Music Camp**

**Ages: High School Students**

**Dates: July 10-July 23**

The Southern Maine Music Camp is a two-week, concentrated musical experience for high school students. Major ensembles anticipated to be offered this summer will include concert band, jazz band, and choir. In addition, chamber music, basic music theory and history, and music theater may be offered.

Tentative areas of study include: voice, percussion, piano, brass, woodwind, theory and history. Several faculty recitals will be presented and the closing concert will provide an exciting climax to the camp.

### **SWISH Basketball Camp**

**Girls' Camp: June 26-July 1**

**Sr. Boys' Camp: July 31-August 5**

**Jr. Boys' Camp: August 7-12**

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 Bob Brown, head basketball coach at the University of Southern Maine, the camp features development of team concepts, discussion on the care and prevention of injuries, training concepts and programs, modern facilities, divisions of competition, and a positive approach to the world of basketball.

### **STIX Field Hockey Camp**

**Ages: Girls entering grades 9 through 12**

**Dates: July 10-15**

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 Janet Willis, former head field hockey coach at South Portland High School. She will be joined by other 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 Summer Soccer School**

**COED Junior Week (ages 9-13):**

**July 24-29**

**Boys' Senior Week (ages 14-17):**

**July 17-22**

In its 14th 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.

### **USM "TEN-O" Gymnastics Camp**

**Ages: Boys and Girls, (ages 9-18)**

**Dates: July 3-July 8**

The goal of the program is to shape a well-rounded gymnast by emphasizing a balance between practicing fundamentals and incorporating new skills. The TEN-O Camp is designed to meet the needs of each gymnast whether they are preparing for serious gymnastic competition or for simple gymnastic enjoyment. No experience is required, merely an interest and willingness to learn, participate, and work hard. All campers will be assigned to teams with others at the same age and ability level.

### **For more information or to register...**

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

**Children's Art Workshop, Drama Workshop, Computer Workshops, and Science Workshops**, contact Summer Session, 780-4076.

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

# Other USM Programs

## Graduate Programs

### ***USM Public Policy and Management Program***

The Public Policy and Management Program prepares leaders in public affairs with the knowledge and skills to analyze complex policy issues, make difficult policy choices, implement them in an effective manner, and assess results. The program seeks to graduate leaders who understand the social, economic, political, and organizational contexts in which policy is developed and implemented; who comprehend the use of various quantitative and analytical methods; who can articulate ideas clearly, both orally and in writing; and who are competent to manage effectively.

The two-year master of arts degree program in public policy and management requires 48 credit hours. The core courses are organized in two strands to include both policy analysis and public management approached from an interdisciplinary perspective. A substantive concentration may be achieved through elective courses and field experiences. It is through the concentration and associated field work that students learn to apply the disciplinary knowledge and skills attained in the core courses to the substance of a particular policy field.

For more information contact: Office of the director; Public Policy and Management Program; University of Southern Maine; 96 Falmouth Street, Portland, Me. 04103, (207)780-4380.

### ***School of Law***

The School of Law offers a summer program of courses. Admission to the Summer Session is open to law students who have completed their first year and are in good academic standing at an approved law school. Graduates of approved law schools are also invited to apply. Non-law graduate students and some special students may be admitted with the approval of the Director of the Summer Session of the Law School.

For more information about how to enroll, contact: Office of the Registrar, University of Maine School of Law, 246 Deering Ave., Portland, ME 04102, (207)780-4346.

## Honors Program

The Honors Program offers a challenging educational experience to a selected group of students who are outstanding in their ability, curiosity, creativity, and motivation. The program consists of a series of interdisciplinary courses designed especially for Honors students and taught in small seminar classes, an independent research and writing project under the supervision of a faculty tutor in the student's major department, and an advanced seminar on a topic of contemporary relevance.

Approximately 30 students are admitted to the Honors Program each year. Students entering the fall semester of their freshman or sophomore year, whether full-time or part-time and regardless of intended major, are eligible to apply.

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 includes practical orientation to legal procedure and the court system, an introduction to legal research, writing, and computers, and a procedural overview of several areas of law, including litigation, business organizations, bankruptcy, real estate, probate, and domestic relations. The Certificate Program is designed primarily for part-time students. Courses are offered either twice a week in the evenings or in a one-day seminar format. Sessions begin in August and February. For more information, contact the Community Programs office in Portland, 874-6500.

### ***Certificate Program for PC Coordinators***

Rapid increase in the use of personal computers in business, education, and government agencies has created a new demand: the need for an in-house personal computer resource person. The Certificate Program for Personal Computer Coordinators is designed to prepare and support individuals in this new role. The role of the PC coordinator requires mastery of technical skills, ongoing review of new technology, and highly developed consulting skills, including problem solving, communication, and training.

The purpose of the PC coordinator's certificate program is to develop both technical and professional skills simultaneously, emphasizing actual business situations and context. Also emphasized will be the role of the personal computer in office productivity and an understanding of management information systems. Intensive hands-on practice will be combined with lecture/discussion, problem-solving exercises, and presentation of a major project related to the participant's field. This multi-faceted approach will enable participants to prepare for the varied demands of an in-house consulting role.

Program content includes classes in word processing, disk operating systems, spreadsheets, databases, programming concepts, communications, and hardware evaluation. Professional development seminars will focus on four major areas: communication skills, consulting skills, training, and systems analysis and planning. Each student will be required to complete a project under the supervision of an advisor.

Applicants for the program must meet admission requirements. Applications are accepted throughout the year and students may begin the program at any time. For more information please call 874-6500.

## Center for Real Estate Education

The Center for Real Estate Education offers the courses necessary to obtain a real estate license in the state of Maine. The courses and seminars include law, valuation, and practice. The Center also offers courses in other real estate related topics of interest to the general public, and for continuing education credits. For example, courses in investments, property management, financing, construction, and others are among the offerings.

### Real Estate Law

Topics covered: real and personal property; historical background and the estates concept; landlord/tenant; marital property rights; co-ownership; miscellaneous property interests; wills and intestate succession; probate process; deeds, mortgages; the recording system; contracts; brokerage; environmental and land use regulation; Fair Housing laws.

### Real Estate Valuation

Topics covered: nature and characteristics of property value; principles and process of valuation; influences of area on value; inspection of building construction features; architectural style and function; comparable sales approach; cost approach; accrued depreciation; neighborhood analysis; land use and planning regulations; development and construction; site analysis and valuation; operating statements and income; multipliers and other comparable units; a professional opinion of value; the appraisal report.

### Real Estate Practice

Topics covered: the business organization; the trust account; locating the real estate office; policies and procedures; selecting an affiliation; listing the property; qualifying the buyer; Maine License Law; showing the property; obtaining the offer; presenting the offer; advertising types and terms; Fed. Reg. Fair Housing Act; Truth-in-Lending; mortgages; tax considerations of real estate ownership.

### Locations

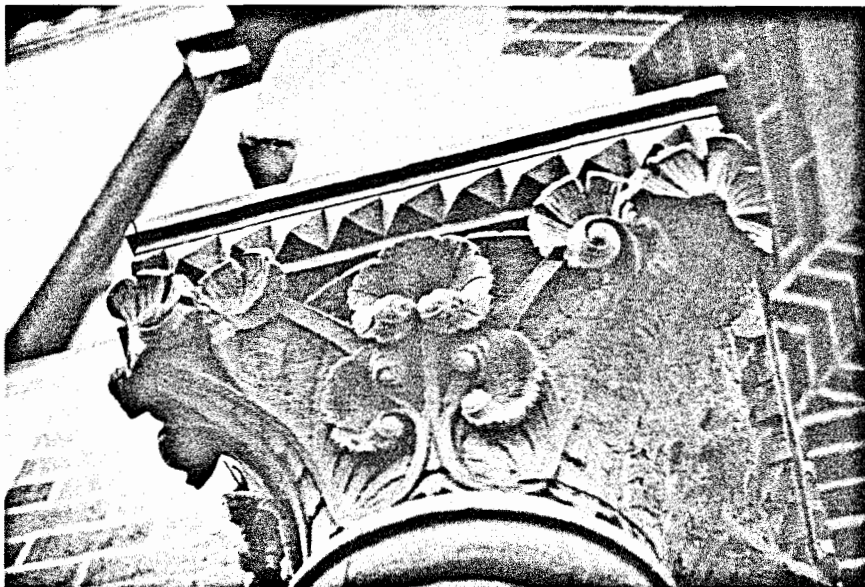
Classes will be offered at USM, at either the Portland or Gorham campuses and at the Saco Center in Saco for the summer semester, beginning in May, 1988.

## Correspondence Courses

The Center for Real Estate Education offers a wide variety of correspondence courses which have been approved for continuing education credit by the Maine Real Estate Commission. The availability of these courses is not limited to just those who wish to obtain continuing education credit, but includes those individuals who have an interest in the subject matter. Contact the Center for Real Estate Education for more details.

### Salesperson's Prelicensing Course

This 7-week course is designed to help people study for the Maine Real Estate Salesperson's Licensing Examination.



Four evenings are devoted to each of the three areas tested on the examination: Real Estate Law, Real Estate Valuation, and Real Estate Practice. Also pre-test, reading assignments, and final practice examination. Contact the Center for information regarding date, time, and locations. These courses are offered throughout the state of Maine.

For information about the above listed courses and other real estate related seminars, call: The Center for Real Estate Education, 68 High Street, Portland, ME 04101. Office hours: 8:00-4:30, Monday-Friday. Telephone: 874-6520.

Valerie C. Lamont, Director  
Susan Jones, Associate Director  
Beth Zu Hone, Information Specialist

## Schedule Legend

Each course listing contains the following information (refer to headline at top of each page): campus or off-campus location\*; course number; course section; course type; course title; college; credit hours; time; days; building\*\*; room; instructor; course size; session course is offered.

\* P=Portland campus;  
G=Gorham campus;  
SB=Saco-Biddeford Center;  
S=Sanford Center;  
BB=Bath-Brunswick Center;  
X=other off-campus location.

\*\*The building abbreviations are  
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.



# Course Schedule

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

TOWN	COURSE	SEC	TYPE	COURSE TITLE	COL	CR HRS	TIME	DAYS	BLDG	ROOM	INSTRUCTOR	SESSION NO.
COLLEGE OF ARTS AND SCIENCES												
ART												
G	AED 412	01	LEC	ART EDUCATION CURRICULUM	CAS	3.0	9:00- 3:00	MTWTH	BAIL	105	MOORE J	7
THIS COURSE IS GIVEN JULY 25TH-AUGUST 4TH												
P	ARH 111G	01	LEC	HISTORY OF ART I	CAS	3.0	8:15-11:30	MTW	LUTH	403	SCHIFERL E	6
P	ARH 111G	02	LEC	HISTORY OF ART I	CAS	3.0	7:00- 9:40E	TTH	LUTH	403	MCGUIRE G	1
P	ARH 112G	01	LEC	HISTORY OF ART II	CAS	3.0	7:00- 9:40E	MM	LUTH	403	ANDERSON P	4
P	ART 101G	01	LEC	APPROACHES TO ART	CAS	3.0	8:15-11:30	MTW	LUTH	403	TBA	3
G	ART 231	01	SDO	CERAMICS	CAS	3.0	8:30- 4:00	MTW	RA	20	CYR/CHAPMAN	7
THIS COURSE IS GIVEN JUNE 27TH-JULY 24TH												
P	ART 259	01	SDO	LANDSCAPE DRAWING	CAS	3.0	8:30- 4:00	MTWTHFS	LUTH	425	BURK G	7
THIS COURSE IS GIVEN JULY 11TH-JULY 24TH												
P	ART 269	01	SDO	LANDSCAPE PAINTING	CAS	3.0	8:30- 4:00	MTWTH	LUTH	425	RAKOVAN L	3
G	ART 271	01	SDO	PHOTOGRAPHY	CAS	3.0	6:00- 9:30E	MTWTH	RA	5	FAGAN K	7
THIS COURSE IS GIVEN MAY 9TH-JUNE 19TH												
G	ART 299	01	SDO	2-D,3-D FIGURE STUDY	CAS	3.0	8:30- 4:00	MTWTH	RA	7	BELL J	7
THIS COURSE IS GIVEN JULY 25TH-AUGUST 12TH												
P	ART 363	01	SDO	PAINTING-WATERCOLOR	CAS	3.0	8:30- 4:30	MTW	LUTH	424	BEARCE J	2
G	ART 412	01	SDO	VISITING ARTIST WORKSHOP	CAS	3.0	8:30- 4:00	MTWTH	ACAD	202	MARASCO R	7
THIS IS A FEE COURSE. CONTACT R. MARASCO AT 780-5461.												
THIS COURSE IS GIVEN JULY 11TH-JULY 29TH												
G	ART 499	01	LEC	SCULPTURE:STACK,FLOAT,BND	CAS	3.0	4:00- 6:40	TTH	A	A	SHAUGHNESSY M	1
ARTS AND SCIENCES												
P	ARS 124I	01	LEC	COMPARATIVE RELIGION	CAS	3.0	8:15-11:30	MM	PAYS	211	ROSE J	5
BIOLOGY												
P	BIO 102K	L1	LAB	BIOLOGICAL EXPERIENCES	CAS	1.0	7:00- 9:00E	MM	SCI	166	TOLSTRUP D	4
P	BIO 105K	01	LEC	ELEMENTS OF BIOLOGY	CAS	3.0	5:30- 8:00E	TTH	SCI	165	GAINES L	1
P	BIO 211	01	LEC	HUMAN ANATOMY&PHYSIOLOGY	CAS	3.0	4:00- 6:40	TTH	A	A	TBA	4
P	BIO 212	L1	LAB	PRAC ANAT & PHYSIOLOGY	CAS	1.5	7:00-10:00E	TTH	A	A	TBA	4
P	BIO 281	01	LEC	MICROBIOLOGY AND DISEASE	CAS	3.0	8:15-11:30	MM	SCI	305	NAJARIAN H	1
P	BIO 282	L1	LAB	MICROBIOLOGY AND DIS LAB	CAS	2.0	8:15-12:30	TTH	SCI	405	NAJARIAN H	1
P	BIO 345	01	LEC	PATHOPHYSIOLOGY	CAS	3.0	4:00- 6:40	TTH	A	A	OMAHONEY P	1
G	BIO 441	01	LEC	INDEPENDENT STUDY	CAS	1-15.0		A	A	A	OMAHONEY P	7
THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH												
CHEMISTRY												
G	CHY 101K	01	LEC	INTRO TO CHEMISTRY	CAS	3.0	7:00- 9:40E	MM	BAIL	312	TBA	1
G	CHY 102K	L1	LAB	INTRO TO LAB MEASUREMENT	CAS	1.0	5:00- 7:40	TTH	BAIL	309	TBA	1
G	CHY 103	01	LEC	INTRO ORGANIC BIOCHEM	CAS	3.0	7:00- 9:40E	MM	BAIL	312	TBA	4
G	CHY 104	L1	LAB	INTRO ORGANIC BIOCHEM LAB	CAS	1.0	5:00- 7:40	TTH	BAIL	309	TBA	4
P	CHY 113	01	LEC	PRINCIPLES OF CHEMISTRY I	CAS	3.0	8:30-10:00	MTWTH	PAYS	306	TBA	1
P	CHY 114	L1	LAB	LAB TECHNIQUES I	CAS	1.0	12:00- 3:00	TTH	PAYS	305	TBA	1
P	CHY 115	01	LEC	PRINCIPLES CHEMISTRY II	CAS	3.0	8:30-10:00	MTWTH	SCI	305	TBA	4
P	CHY 116	L1	LAB	LABORATORY TECHNIQUES II	CAS	1.0	12:00- 3:00	TTH	PAYS	305	TBA	4
P	CHY 411	01	LEC	SPECIAL TOPICS	CAS	1- 3.0		A	A	A	RHODES G	7
P	CHY 412	01	LEC	SPECIAL TOPICS	CAS	1- 3.0		A	A	A	RICCI J	7
P	CHY 413	01	LEC	SPECIAL TOPICS	CAS	1- 3.0		A	A	A	SMITH A	7
P	CHY 414	01	LEC	SPECIAL TOPICS	CAS	1- 3.0		A	A	A	SOTTERY T	7
P	CHY 415	01	LEC	SPECIAL TOPICS	CAS	1- 3.0		A	A	A	STEBBINS R	7
P	CHY 416	01	LEC	SPECIAL TOPICS	CAS	1-15.0		A	A	A	NEWTON T	7
P	CHY 490	01	LEC	SENIOR RESEARCH PROJECT	CAS	1-15.0		A	A	A	TBA	7



TOWN	COURSE	SEC	TYPE	COURSE TITLE	COL	CR HRS	TIME	DAYS	BLDG	ROOM	INSTRUCTOR	SESSION NO.
COMMUNICATION												
P	COM 102J	01	LEC	INTRO TO COMMUNICATION	CAS	3.0	8:15-11:30	TTH	PAYS	204	HANISKO S	5
P	COM 102J	02	LEC	INTRO TO COMMUNICATION	CAS	3.0	4:00- 6:40	TTH	LUTH	209	SAYERS F	1
P	COM 102J	03	LEC	INTRO TO COMMUNICATION	CAS	3.0	7:00- 9:40E	MM	LUTH	503	HANISKO S	4
P	COM 150	01	LEC	BUSINESS COMMUNICATION	CAS	3.0	4:00- 6:40	MM	LUTH	402	RICE T	1
P	COM 171	01	LEC	INTERPERSONAL COMM	CAS	3.0	7:00- 9:40E	TTH	LUTH	402	CHILDS D	4
G	COM 299	01	LEC	VIDEO PRODUCTION	CAS	3.0	4:00- 6:40	MM	BAIL	302	LASKY K	1
P	COM 299	02	LEC	FAMILY COMMUNICATION	CAS	3.0	4:00- 6:40	MM	LUTH	327	CHILDS D	4
P	COM 299	03	LEC	WRITING FOR MEDIA	CAS	3.0	7:00- 9:40E	TTH	LUTH	503	BENNEL P	1
G	COM 340	01	LEC	SMALL GROUP COMMUNICATION	CAS	3.0	8:15-11:30	MTW	BAIL	322	KIVATISKY R	2
P	COM 394	01	LEC	THEORY OF FILM	CAS	3.0	5:30- 8:10E	TTH	LUTH	403	COJUC J	4
P	COM 399	01	LEC	CONFLICT	CAS	3.0	4:00- 6:40	TTH	LUTH	327	CHODOSH-KRUEGEL	4
P	COM 399	02	LEC	WOMEN IN MANAGEMENT	CAS	3.0	4:00- 6:40	MM	LUTH	302	PALMER M	1
G	COM 430	01	LEC	INTERNSHIP	CAS	1-15.0		A	A	A	KIVATISKY R	2
P	COM 485	01	LEC	SEX DIFFERENCES	CAS	3.0	4:00- 6:40	MM	LUTH	208	SHEDLETSKY L	1
P	COM 485	02	LEC	SEX DIFFERENCES	CAS	3.0	4:00- 6:40	TTH	LUTH	327	SHEDLETSKY L	1
CORE CURRICULUM												
P	COR 118	01	LEC	NEW DIRECT IN ART & MUSIC	CAS	3.0	4:00- 6:55	MTW	LUTH	524	SCHIFERL/COLE	2
CRIMINOLOGY												
P	CRM 215	01	LEC	CRIMINOLOGY THIS COURSE IS CROSS-LISTED WITH SOC 215	CAS	3.0	8:15-11:30	MTW	LUTH	510	ANSPACH D	2
ENGLISH												
P	ENG 100C	01	LEC	COLLEGE WRITING	CAS	3.0	7:00- 9:40E	MM	LUTH	502	PETERS G	1
P	ENG 100C	02	LEC	COLLEGE WRITING	CAS	3.0	8:15-11:30	MTW	LUTH	509	HEINZELMAN S	2
P	ENG 100C	03	LEC	COLLEGE WRITING	CAS	3.0	8:15-11:30	MTW	LUTH	402	PETERS G	3
P	ENG 100C	04	LEC	COLLEGE WRITING	CAS	3.0	4:00- 6:40	MM	LUTH	523	SELKIN M	4
P	ENG 100C	05	LEC	COLLEGE WRITING	CAS	3.0	8:15-11:30	MTW	LUTH	509	CHEBOWICZ J	6
P	ENG 120H	01	LEC	INTRO TO LITERATURE	CAS	3.0	7:00- 9:40E	TTH	LUTH	523	SLAVICK W	1
P	ENG 120H	02	LEC	INTRO TO LITERATURE	CAS	3.0	8:15-11:30	MTW	LUTH	523	BURKE L	2
P	ENG 120H	03	LEC	INTRO TO LITERATURE	CAS	3.0	8:15-11:30	MTW	LUTH	509	RUSCH W	3
P	ENG 120H	04	LEC	INTRO TO LITERATURE	CAS	3.0	7:00- 9:40E	MM	LUTH	502	SELKIN M	4
P	ENG 120H	05	LEC	INTRO TO LITERATURE	CAS	3.0	12:30- 3:45	MTW	LUTH	327	CHEBOWICZ J	6
P	ENG 120H	06	LEC	INTRO TO LITERATURE	CAS	3.0	8:15-11:30	TTH	PAYS	211	SHILTON W	5
P	ENG 160H	01	LEC	POETRY-THE GENRE	CAS	3.0	4:00- 6:40	MM	LUTH	523	ROSEN K	1
P	ENG 161H	01	LEC	FICTION-THE GENRE	CAS	3.0	12:30- 3:45	MTW	LUTH	509	BURKE L	2
P	ENG 201F	01	LEC	CREATIVE WRITING	CAS	3.0	7:00- 9:40E	TTH	LUTH	327	MCGRATH B	4
G	ENG 202F	01	LEC	FICTION WRITING	CAS	3.0	9:30-12:00	MTWTHF	BAIL	322	TBA	7
THIS IS A FEE COURSE. CONTACT K. ROSEN AT 780-4291. THIS COURSE IS GIVEN JULY 31ST-AUGUST 12TH												
P	ENG 209	01	LEC	BUSINESS & REPORT WRITING	CAS	3.0	4:00- 6:40	MM	LUTH	502	JAQUES J	4
P	ENG 210	01	LEC	NEWS WRITING	CAS	3.0	7:00- 9:40E	TTH	LUTH	327	LOVELL J	1
P	ENG 220	01	LEC	ANCIENT MASTERPIECES	CAS	3.0	12:30- 3:45	MTW	LUTH	327	RUSCH W	3
P	ENG 261	01	LEC	SHAKESPEARE II	CAS	3.0	12:30- 3:45	MTW	LUTH	410	ABRAMS R	2
P	ENG 280	01	LEC	AMERICAN RENAISSANCE	CAS	3.0	7:00- 9:40E	MM	LUTH	523	SLAVICK W	1
P	ENG 299	01	LEC	WRITING FOR PUBLICATION	CAS	3.0	12:30- 3:45	TTH	LUTH	502	COLE J	5
G	ENG 302F	01	LEC	FICTION WORKSHOP	CAS	3.0	9:30-12:00	MTWTHF	BAIL	204	TBA	7
THIS IS A FEE COURSE. CONTACT K. ROSEN AT 780-4291. THIS COURSE IS GIVEN JULY 31ST-AUGUST 12TH												
G	ENG 303F	01	LEC	POETRY WORKSHOP	CAS	3.0	9:30-12:00	MTWTHF	BAIL	215	TBA	7
THIS IS A FEE COURSE. CONTACT K. ROSEN AT 780-4291. THIS COURSE IS GIVEN JULY 31ST-AUGUST 12TH												
G	ENG 304	01	LEC	WRITING THE CONTEMP NOVEL CAS	3.0	9:30-12:00	MTWTHF	BAIL	201	TBA		7
THIS IS A FEE COURSE. CONTACT K. ROSEN AT 780-4291. THIS COURSE IS GIVEN JULY 31ST-AUGUST 12TH												
P	ENG 327	01	LEC	MODERN SHORT STORIES	CAS	3.0	4:00- 6:40	TTH	LUTH	523	ROSEN K	1
P	ENG 375	01	LEC	VICTORIAN NOVEL	CAS	3.0	7:00- 9:40E	TTH	LUTH	502	MCGRATH F	4
P	ENG 389	01	LEC	WRITERS OF MAINE	CAS	3.0	4:00- 6:40	TTH	LUTH	510	JAQUES J	4
FOREIGN LANGUAGES & CLASSICS												
P	CLA 299	01	LEC	WOMEN IN ANTIQUITY	CAS	3.0	7:00- 9:40E	MM	LUTH	327	LAWLER S	4
P	FRE 107	L1	LAB	INTENSIVE BEGIN FRE LAB	CAS	2.0	8:30- 9:15	MTWTHF	PAYS	203	DIBENEDETTO L	5
P	FRE 107	01	LEC	INTENSIVE BEGIN FRENCH	CAS	6.0	9:30-12:45	MTWTHF	PAYS	207	DIBENEDETTO L	5
P	GER 107	L1	LAB	INTENSIVE BEGIN GER LAB	CAS	2.0	8:30- 9:15	MTWTHF	PAYS	203	DANIELS M	5
P	GER 107	01	LEC	INTENSIVE BEGIN GERMAN	CAS	6.0	9:30-12:45	MTWTHF	PAYS	205	DANIELS M	5
P	RUS 107	L1	LAB	INTENSIVE BEGIN RUSS LAB	CAS	2.0	8:30- 9:15	MTWTHF	PAYS	203	CHARMAT L	5

TOWN	COURSE	SEC	TYPE	COURSE TITLE	COL	CR HRS	TIME	DAYS	BLDG	ROOM	INSTRUCTOR	SESSION NO.
P	RUS 107	01	LEC	INTENSIVE BEGIN RUSSIAN	CAS	6.0	9:30-12:45	MTWTHF	LUTH	523	CHARMAT L	5
P	SPA 107	L1	LAB	INTENSIVE BEGIN SPA LAB	CAS	2.0	11:45-12:30	MTWTHF	PAYS	203	SUSCAVAGE C	5
P	SPA 107	01	LEC	INTENSIVE BEGIN SPANISH	CAS	6.0	8:15-11:30	MTWTHF	PAYS	202	SUSCAVAGE C	5
P	SPA 299	L1	LAB	INTENSIVE INTERM SPA LAB	CAS	2.0	8:30- 9:15	MTWTHF	PAYS	203	SUSCAVAGE C	5
P	SPA 299	01	LEC	INTENSIVE INTERM SPANISH	CAS	6.0	9:30-12:45	MTWTHF	LUTH	410	SUSCAVAGE C	5

#### GEOGRAPHY & ANTHROPOLOGY

G	GEO 120J	01	LEC	GEOGRAPHY OF MAINE	CAS	3.0	8:15-11:30	MTW	BAIL	322	HODGES F	3
X	GYA 300	01	LEC	ARCHEOLOGY FIELD SCHOOL	CAS	6.0		A	A	A	HAMILTON/CRADER	7
THIS IS A FEE COURSE. CONTACT N. HAMILTON AT 780-5320.												
THIS COURSE IS GIVEN MAY 23RD-JULY 1ST												

#### GEOSCIENCES

P	GEY 111K	01	LEC	PHYSICAL GEOLOGY	CAS	3.0	7:00- 9:40E	TTH	SCI	533	NOVAK I	1
G	GEY 350	01	LEC	GEOLOGICAL FIELD METHODS	CAS	6.0	8:30- 5:00	MTWTHF	BAIL	312	POLLOCK S	7
THIS IS A FEE COURSE. CONTACT S. POLLOCK 780-5351.												
THIS COURSE IS GIVEN MAY 31ST-JULY 1ST												
G	OCE 100K	01	LEC	INTRO TO OCEANOGRAPHY	CAS	3.0	8:15-11:30	MTW	BAIL	213	VOSE M	2
G	OCE 100K	02	LEC	INTRO TO OCEANOGRAPHY	CAS	3.0	4:00- 6:40	MM	BAIL	215	NAIDEN P	4
G	OCE 101K	01	LAB	OCEANOGRAPHY LABORATORY	CAS	1.0	12:30- 3:45	MTW	BAIL	215	VOSE M	2
G	OCE 101K	02	LAB	OCEANOGRAPHY LABORATORY	CAS	1.0	7:00- 9:00E	MM	BAIL	214	NAIDEN P	4

#### HISTORY

P	HTY 101I	01	LEC	WESTERN CIVILIZATION I	CAS	3.0	7:00- 9:40E	TTH	LUTH	302	COLE P	1
P	HTY 102I	01	LEC	WESTERN CIVILIZATION II	CAS	3.0	7:00- 9:40E	TTH	LUTH	302	COLE P	4
P	HTY 131I	01	LEC	U.S. HISTORY TO 1877	CAS	3.0	7:00- 9:40E	MM	LUTH	503	WHITMORE A	1
P	HTY 131I	02	LEC	U.S. HISTORY TO 1877	CAS	3.0	8:15-11:30	TTH	LUTH	524	BARNES D	5
P	HTY 132I	01	LEC	U.S. HISTORY SINCE 1877	CAS	3.0	7:00- 9:40E	MM	LUTH	302	WHITMORE A	4
P	HTY 244	01	LEC	20TH CENTURY EUROPE	CAS	3.0	8:15-11:30	MTW	LUTH	302	VENTRESCO F	6
P	HTY 300	01	LEC	HISTORY INTERNSHIP	CAS	3.0		A	A	A	EASTMAN J	7
THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH												
P	HTY 305	01	LEC	HAMILTON & JEFFERSON	CAS	3.0	8:15-11:30	MTW	LUTH	503	HUNT H	2
P	HTY 321	01	LEC	HISTORY OF MAINE	CAS	3.0	7:00- 9:40E	MM	LUTH	403	YORK R	1
P	HTY 399	01	LEC	WOMEN IN U.S. HISTORY	CAS	3.0	7:00- 9:40E	TTH	LUTH	523	EAGAN E	4
P	HTY 498	01	LEC	INDEPENDENT STUDY	CAS	1-15.0		A	A	A	TBA	7
THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH												
P	HTY 534	01	LEC	MAINE HISTORY AND TRAVEL	CAS	3.0		A	LUTH	502	YORK R	7
THIS COURSE IS GIVEN JUNE 20TH, 24TH, JULY 8TH, 15TH (1:00-5:00) AND JUNE 25TH, JULY 9TH, 16TH (8:30-5:00)												

#### MATHEMATICS

G	MAC 234	01	LEC	COMP PROG FOR ELEM TEACH	CAS	3.0	7:00- 9:40E	MM	BAIL	102	KRATZER R	1
G	MAC 528	01	LEC	COMPUTER PROGRAMMING I	CAS	3.0	7:00- 9:40E	MM	BAIL	102	KRATZER R	1
*****												
* CREDITS EARNED BY COMPLETING MAT 010 AND MAT 011B WILL *												
* NOT COUNT TOWARDS FULFILLING A BACCALAUREATE DEGREE *												
*****												
G	MAT 010	01	LEC	ELEMENTARY ALGEBRA	CAS	3.0	7:00- 9:40E	MM	BAIL	104	SOYCHAK A	1
P	MAT 010	02	LEC	ELEMENTARY ALGEBRA	CAS	3.0	7:00- 9:40E	MM	PAYS	207	KUMAR D	4
P	MAT 011B	01	LEC	INTERMEDIATE ALGEBRA	CAS	3.0	7:00- 9:40E	MM	PAYS	207	ESTES R	1
G	MAT 011B	02	LEC	INTERMEDIATE ALGEBRA	CAS	3.0	7:00- 9:40E	MM	BAIL	104	TBA	4
P	MAT 100D	01	LEC	COLLEGE ALGEBRA	CAS	3.0	7:00- 9:40E	MM	PAYS	208	MAINVILLE M	1
P	MAT 100D	02	LEC	COLLEGE ALGEBRA	CAS	3.0	7:00- 9:40E	TTH	PAYS	202	BRUNETTE J	4
P	MAT 100D	03	LEC	COLLEGE ALGEBRA	CAS	3.0	8:15- 9:45	MTWTH	PAYS	200	MAINVILLE M	7
THIS COURSE IS GIVEN JUNE 27TH-AUGUST 4TH												
P	MAT 104D	01	LEC	TOPICS IN MATH I	CAS	3.0	8:15-10:30	MTWTH	PAYS	44	GUAY M	7
THIS COURSE IS GIVEN MAY 9TH-JUNE 2ND												
P	MAT 104D	02	LEC	TOPICS IN MATH I	CAS	3.0	4:00- 6:40	TTH	PAYS	209	MEDICI A	1
P	MAT 110D	01	LEC	BUSINESS CALCULUS	CAS	3.0	4:00- 6:40	TTH	PAYS	202	IRISH J	1
P	MAT 110D	02	LEC	BUSINESS CALCULUS	CAS	3.0	7:00- 9:40E	TTH	PAYS	207	IRISH J	4
P	MAT 110D	03	LEC	BUSINESS CALCULUS	CAS	3.0	8:15- 9:45	MTWTH	PAYS	204	MACDONALD S	7
THIS COURSE IS GIVEN JUNE 27TH-AUGUST 4TH												
P	MAT 1200	01	LEC	INTRO TO STATISTICS	CAS	3.0	7:00- 9:40E	TTH	PAYS	209	VIANA M	1
P	MAT 120D	02	LEC	INTRO TO STATISTICS	CAS	3.0	7:00- 9:40E	TTH	PAYS	204	VIANA M	4
G	MAT 131D	01	LEC	MATH FOR ELEM TEACHERS	CAS	3.0	7:00- 9:40E	MM	A	A	SOYCHAK A	4
P	MAT 140D	01	LEC	PRE-CALCULUS MATHEMATICS	CAS	3.0	7:00- 9:40E	MM	PAYS	204	TBA	1
P	MAT 140D	02	LEC	PRE-CALCULUS MATHEMATICS	CAS	3.0	7:00- 9:40E	TTH	PAYS	209	SMALL R	4
P	MAT 152D	01	LEC	CALCULUS A	CAS	4.0	8:15-10:30	MTWTH	PAYS	44	BROWN M	7
THIS COURSE IS GIVEN JUNE 27TH-AUGUST 11TH												

TOWN	COURSE	SEC	TYPE	COURSE TITLE	COL	CR HRS	TIME	DAYS	BLDG	ROOM	INSTRUCTOR	SESSION NO.
P	MAT 153	01	LEC	CALCULUS B THIS COURSE IS GIVEN MAY 9TH-JULY 7TH	CAS	4.0	5:00- 6:40	MTTH	PAYS	207	NARANG K	7
P	MAT 211	01	LEC	PROBABILITY	CAS	3.0	4:00- 6:40	MM	PAYS	205	GUPTA B	1
P	MAT 211	02	LEC	PROBABILITY	CAS	3.0	7:00- 9:40E	TTH	PAYS	208	GUPTA S	1
P	MAT 211	03	LEC	PROBABILITY	CAS	3.0	7:00- 9:40E	MM	PAYS	204	MERROW N	4
P	MAT 212	01	LEC	STATISTICS	CAS	3.0	4:00- 6:40	TTH	PAYS	205	GUPTA B	1
P	MAT 212	02	LEC	STATISTICS	CAS	3.0	7:00- 9:40E	MM	PAYS	205	GUPTA S	1
P	MAT 212	03	LEC	STATISTICS	CAS	3.0	7:00- 9:40E	TTH	SCI	533	MERROW N	4
P	MAT 252	01	LEC	CALCULUS C THIS COURSE IS GIVEN MAY 9TH-JULY 7TH	CAS	4.0	7:00- 8:40E	MTTH	PAYS	211	NARANG K	7
G	MME 513	01	LEC	LAB:PROJ ASPIRE CALCULUS THIS COURSE IS GIVEN JUNE 27TH-AUGUST 4TH MUST BE TAKEN WITH MME 519. APPLY TO M. CHABOT, MATH DEPT	CAS	3.0	10:30-12:30	MTTH	BAIL	107	CHABOT M	7
G	MME 519	01	LEC	TEACH CALCULUS IN SEC SCH THIS COURSE IS GIVEN JUNE 27TH-AUGUST 4TH MUST BE TAKEN WITH MME 513. APPLY TO M. CHABOT, MATH DEPT	CAS	3.0	8:15-10:15	MTTH	BAIL	107	CHABOT M	7
G	MME 549	01	LEC	SEL TOP:MATH ELEM TEACH THIS COURSE IS GIVEN JUNE 27TH-JULY 8TH	CAS	3.0	8:00-12:30	MTMTHF	BAIL	102	KRATZER R	7
MILITARY SCIENCE												
G	MIS 229	01	LEC	ROTC BASIC CAMP	CAS	6.0		A	A	A	GRANT B	7
G	MIS 229	02	LEC	ROTC BASIC CAMP	CAS	6.0		A	A	A	GRANT B	7
G	MIS 229	03	LEC	ROTC BASIC CAMP	CAS	6.0		A	A	A	GRANT B	7
G	MIS 229	04	LEC	ROTC BASIC CAMP	CAS	6.0		A	A	A	GRANT B	7
MUSIC												
G	MUE 521	01	LEC	JR HI/MID SCH MUS MKSHF THIS COURSE IS GIVEN AUGUST 1ST-AUGUST 5TH	CAS	2.0	8:30- 3:30	MTMTHF	CORT		ATTERBURY B	7
G	MUE 599	01	LEC	INSTRUMENTAL METHODS THIS COURSE IS GIVEN JULY 25TH-JULY 29TH	CAS	3.0	8:30- 3:30	MTMTHF	CORT	A	MARTIN P	7
P	MUS 100G	01	LEC	MUSIC APPREC AND HISTORY	CAS	3.0	7:00- 9:40E	MM	LUTH	524	SCHNELL J	4
P	MUS 110F	01	LEC	FUNDAMENTALS OF MUSIC	CAS	3.0	7:00- 9:40E	TTH	LUTH	524	MARTIN P	1
P	MUS 255	01	LEC	GUITAR CLASS	CAS	1.0	7:00- 9:00E	TTH	LUTH	509	KATZ M	1
X	MUS 399	01	LEC	SEMINAR IN CHAMBER MUSIC THIS COURSE IS GIVEN JULY 9TH-JULY 15TH AT DEER ISLE	CAS	3.0		A	A	A	QUARTET	7
X	MUS 406	01	LEC	CHAMBER MUSIC:STRINGS THIS COURSE IS GIVEN JULY 31ST-AUGUST 13TH AT COLBY COLLEGE	CAS	1-15.0	8:00- 7:00E	MTMTHF	A	A	QUARTET	7
G	MUS 499	01	LEC	WOODWIND REPAIR WORKSHOP THIS COURSE IS GIVEN AUGUST 8TH-AUGUST 12TH	CAS	3.0	8:30- 3:30	MTMTHF	CORT	209	STREET P	7
PHILOSOPHY												
P	PHI 102E	01	LEC	INTRO:QUEST FOR CERTAINTY	CAS	3.0	7:00- 9:40E	TTH	LUTH	410	OKRENT M	1
P	PHI 103E	01	LEC	INTRO:HUMAN ALIENATION	CAS	3.0	4:00- 6:40	MM	LUTH	403	GRANGE J	1
PHYSICS												
P	PHY 123	R1	REC	GENERAL PHYSICS II REC	CAS	.0	8:00- 9:30E	M	SCI	262	COAKLEY R	7
P	PHY 123	01	LEC	GENERAL PHYSICS II THIS COURSE IS GIVEN MAY 9TH-JULY 15TH	CAS	4.0	8:00- 9:45E	TTH	SCI	165	COAKLEY R	7
POLITICAL SCIENCE												
P	POS 101J	30	LEC	INTRO TO AMER GOVERNMENT THIS IS AN ITV COURSE ORIGINATION SITE.	CAS	3.0	12:30- 3:45	MTW	PAYS	304	WOSHINSKY O	2
G	POS 101J	31	LEC	INTRO TO AMER GOVERNMENT THIS IS AN ITV COURSE RECEIVE SITE	CAS	3.0	12:30- 3:45	MTW	BAIL	304	WOSHINSKY O	2
P	POS 102J	01	LEC	PEOPLE AND POLITICS	CAS	3.0	7:00- 9:40E	TTH	LUTH	510	DRUKER M	1
P	POS 201	01	LEC	WOMEN IN POLITICS	CAS	3.0	7:00- 9:40E	TTH	LUTH	209	WOSHINSKY O	1
PSYCHOLOGY												
P	PSY 101J	01	LEC	GENERAL PSYCHOLOGY I	CAS	3.0	8:15-11:30	MTW	SCI	533	SYTSHA D	2
P	PSY 101J	02	LEC	GENERAL PSYCHOLOGY I	CAS	3.0	7:00- 9:40E	TTH	PAYS	301A	SYTSHA D	1
G	PSY 101J	03	LEC	GENERAL PSYCHOLOGY I	CAS	3.0	7:00- 9:40E	TTH	BAIL	405	BROIDA J	4
P	PSY 101J	04	LEC	GENERAL PSYCHOLOGY I	CAS	3.0	8:15-11:30	MTW	SCI	533	TBA	3
G	PSY 101J	05	LEC	GENERAL PSYCHOLOGY I	CAS	3.0	8:15-11:30	MTW	BAIL	405	BROIDA J	6
P	PSY 102	30	LEC	GENERAL PSYCHOLOGY II THIS IS AN ITV COURSE ORIGINATION SITE	CAS	3.0	4:00- 6:40	TTH	PAYS	304	GAYTON W	1
G	PSY 102	31	LEC	GENERAL PSYCHOLOGY II THIS IS AN ITV COURSE RECEIVE SITE	CAS	3.0	4:00- 6:40	TTH	A	A	GAYTON W	1

TOWN	COURSE	SEC	TYPE	COURSE TITLE	COL	CR HRS	TIME	DAYS	BLDG	ROOM	INSTRUCTOR	SESSION NO.
P	PSY 201D	01	LEC	STATISTICS IN PSYCHOLOGY	CAS	3.0	8:15-11:00	MTWTH	PAYS	202	HEARNS J	7
THIS COURSE IS GIVEN MAY 9TH-JUNE 3RD												
P	PSY 232	01	LEC	PSYCHOLOGY OF ADJUSTMENT	CAS	3.0	4:00- 6:40	TTH	SCI	533	TBA	4
P	PSY 235	01	LEC	PSYCHOLOGY OF WOMEN	CAS	3.0	8:15-11:30	MTW	PAYS	208	TBA	2
P	PSY 333	01	LEC	PSYCHOPATHOLOGY	CAS	3.0	8:15-11:30	MTW	PAYS	207	BISHOP J	2
P	PSY 400	01	LEC	SPORTS PSYCHOLOGY	CAS	3.0		THFS	A	A	GAYTON W	7
THIS IS A FEE COURSE. CONTACT W. GAYTON AT 780-4251.												
THIS COURSE IS GIVEN JUNE 23RD-JUNE 25TH												
P	PSY 400	02	LEC	CHILDHOOD PSYCHOPATHOLOGY	CAS	3.0		THFS	SCI	533	GAYTON W	7
THIS IS A FEE COURSE. CONTACT W. GAYTON AT 780-4251.												
THIS COURSE IS GIVEN AUGUST 4TH-AUGUST 6TH												
P	PSY 400	03	LEC	INDEPENDENT STUDY	CAS	1-15.0		A	A	A	GAYTON W	7
THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH												
P	PSY 401	01	LEC	INDEPENDENT STUDY	CAS	1-15.0		A	A	A	GAYTON W	7
THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH												
SOCIOLOGY												
P	SOC 100J	01	LEC	INTRO TO SOCIOLOGY	CAS	3.0	8:15-11:30	MTW	PAYS	204	MONSEN S	2
P	SOC 100J	02	LEC	INTRO TO SOCIOLOGY	CAS	3.0	8:15-11:30	MTW	LUTH	503	LACOGNATA A	3
P	SOC 100J	03	LEC	INTRO TO SOCIOLOGY	CAS	3.0	7:00-10:00E	MM	PAYS	301A	LACOGNATA A	5
P	SOC 100J	30	LEC	INTRO TO SOCIOLOGY	CAS	3.0	7:00- 9:40E	MM	PAYS	304	GIGUERE M	1
THIS IS AN ITV COURSE ORIGINATION SITE												
G	SOC 100J	31	LEC	INTRO TO SOCIOLOGY	CAS	3.0	7:00- 9:40E	MM	BAIL	304	GIGUERE M	1
THIS IS AN ITV COURSE RECEIVE SITE												
P	SOC 200	01	LEC	SOCIAL PROBLEMS	CAS	3.0	8:15-11:30	TTH	LUTH	302	GRZELKOWSKI S	5
P	SOC 215	01	LEC	CRIMINOLOGY	CAS	3.0	8:15-11:30	MTW	LUTH	510	ANSPACH D	2
THIS COURSE IS CROSS-LISTED WITH CRM 215												
P	SOC 380	01	LEC	SOCIOLOGY OF VIOLENCE	CAS	3.0	8:15-11:30	MTW	LUTH	326	FULLAM D	2
SOCIAL WORK												
P	SNO 101J	01	LEC	INTRO TO SOCIAL WELFARE	CAS	3.0	7:00- 9:40	MM	LUTH	327	STROM K	1
P	SNO 361	01	LEC	DYNAMICS OF ORGANIZATIONS	CAS	3.0	8:15-11:30	MTW	LUTH	327	WOOD J	3
THEATRE												
P	THE 101G	01	LEC	INTRODUCTION TO DRAMA	CAS	3.0	8:15-11:30	MTW	LUTH	502	STUMP W	3
P	THE 120F	01	LEC	FUNDAMENTALS OF ACTING	CAS	3.0	8:15-11:30	MTW	GYMP	M-P	ROOTES M	3
P	THE 121F	01	LEC	FUND OF ACTING:SCENE WORK	CAS	3.0	12:30- 3:45	MTW	LUTH	LBA	DUCCLOS A	3
P	THE 170F	01	LEC	PUBLIC SPEAKING	CAS	3.0	7:00-10:10E	MM	LUTH	402	KINNE C	5
P	THE 170F	02	LEC	PUBLIC SPEAKING	CAS	3.0	7:00- 9:40E	TTH	LUTH	402	KINNE C	1
P	THE 170F	03	LEC	PUBLIC SPEAKING	CAS	3.0	12:30- 3:45	MTW	LUTH	402	ROOTES M	3
P	THE 170F	30	LEC	PUBLIC SPEAKING	CAS	3.0	8:15-11:30	MTW	PAYS	304	STEELE W	2
THIS IS AN ITV COURSE ORIGINATION SITE												
G	THE 170F	31	LEC	PUBLIC SPEAKING	CAS	3.0	8:15-11:30	MTW	BAIL	304	STEELE W	2
THIS IS AN ITV COURSE RECEIVE SITE												
G	THE 399	01	LEC	EUROPEAN DRAMA	CAS	3.0	8:15-11:30	MM	BAIL	207	ROSE M	5
WOMEN'S STUDIES												
P	WST 320	01	LEC	EARLIER WOMEN WRITERS	CAS	3.0	4:00- 6:40	MM	LUTH	327	HEINZELMAN S	1
COLLEGE OF EDUCATION												
PROFESSIONAL EDUCATION - UNDERGRADUATE DIVISION												
G	EDU 200	01	LEC	STUDIES-EDUC FOUNDATIONS	COE	3.0	8:15-11:30	MTW	BAIL	403	COLUCCI N	2
G	EDU 200	02	LEC	STUDIES-EDUC FOUNDATIONS	COE	3.0	12:30- 3:45	MTW	BAIL	404	MORRILL D	2
G	EDU 210	01	LEC	THRY FOUND EDUCATION	COE	3.0	12:30- 3:45	MTW	BAIL	110	NEUBERGER H	6
G	EDU 305	01	LEC	TEACH ELEM SCH MATH	COE	3.0	4:00- 6:40	MM	BAIL	107	AUSTIN N	1
G	EDU 308	01	LEC	SCIENCE FOR CHILDREN	COE	3.0	8:15-11:30	MTW	BAIL	110	NEUBERGER H	6
G	EDU 312	01	LEC	TEACH LANGUAGE ARTS	COE	3.0	8:15-11:30	MTW	BAIL	404	COSTELLO M	2
G	EDU 321	01	LEC	DEVELOPMENTAL READING II	COE	3.0	8:15-11:30	MM	BAIL	321	LUNT W	5
PREREQUISITE:EDU 303												
G	EDU 322	01	LEC	REMEDIAL READING	COE	3.0	6:00- 9:15E	TTH	BAIL	105	HERSEY J	7
THIS COURSE IS GIVEN JUNE 27TH-AUGUST 5TH												
PREREQUISITE:EDU 303												
P	EDU 336	01	LEC	CHILDREN'S LITERATURE	COE	3.0	7:00- 9:40E	TTH	LUTH	502	HOLMAN C	1
G	HRD 333J	01	LEC	HUMAN GROWTH&DEVELOPMENT	COE	3.0	4:00- 6:40	MM	BAIL	321	MORRILL D	1
P	HRD 333J	02	LEC	HUMAN GROWTH&DEVELOPMENT	COE	3.0	4:00- 6:40	TTH	LUTH	502	MCCANN M	4
G	PHE 102	01	LAB	INDEPENDENT ACTIVITIES	COE	1- 2.0		A	A	A	HOGDON P	7

TOWN	COURSE	SEC	TYPE	COURSE TITLE	COL	CR HRS	TIME	DAYS	BLDG	ROOM	INSTRUCTOR	SESSION NO.
G	PHE 242	01	LAB	EXP EDUC OUTWARD BOUND HURRICANE ISLAND-OUTWARD BOUND SCHOOL ( FEE COURSE ) CONTACT J. BOUCHARD AT 780-5431	COE	3.0		A	A	A	BOUCHARD J	7
G	PHE 343	01	LAB	EXP EDUC OUTWARD BOUND HURRICANE ISLAND-OUTWARD BOUND SCHOOL ( FEE COURSE ) CONTACT J. BOUCHARD AT 780-5431	COE	6.0		A	A	A	BOUCHARD J	7
G	PHE 353	01	LAB	TEACH TRAINING EXP EDUC HURRICANE ISLAND-OUTWARD BOUND SCHOOL ( FEE COURSE ) CONTACT J. BOUCHARD AT 780-5431	COE	6.0		A	A	A	BOUCHARD J	7

#### GRADUATE COURSES

##### HUMAN RESOURCE DEVELOPMENT

G	HRD 502	01	LEC	FAMILY:IMPLICAT EDUCATORS	COE	3.0	4:00- 7:15	TTH	BAIL 319	DAVIS C	5
G	HRD 604	01	LEC	LIFE SPAN DEVELOPMENT I THIS COURSE IS GIVEN MAY 9TH-AUGUST 3RD	COE	3.0	4:00- 6:40	M	BAIL 201	DAVIS C	7
G	HRD 605	01	LEC	LIFE SPAN DEVELOPMENT II	COE	3.0	7:00- 9:40E	TTH	BAIL 403	ATKINSON R	1
G	HRD 607	01	LEC	INTRO TO SCH GUID SERVICE THIS COURSE IS GIVEN JUNE 28TH-JULY 21ST	COE	3.0	8:15-11:30	TNTH	BAIL 215	SUTTON J	7
G	HRD 619	01	LEC	SEMINAR IN REHABILITATION	COE	3.0	4:00- 6:40	TTH	BAIL 403	PAINTER L	1
G	HRD 620	01	LEC	FUNDAMENTALS COUNS SKILLS	COE	3.0	4:00- 6:40	MM	BAIL 405	SUTTON J	1
G	HRD 626	01	LEC	GROUP PROCESS&PROCEDURE	COE	3.0	7:00- 9:40E	MM	BAIL 322	STEVENS R	1
G	HRD 626	02	LEC	GROUP PROCESS&PROCEDURE THIS COURSE IS GIVEN JUNE 28TH-AUGUST 27TH	COE	3.0	5:00- 9:15	T	BAIL 201	KETCHUM R	7
G	HRD 627	01	LEC	GROUP COUNSELING THIS COURSE IS GIVEN JUNE 20TH-JUNE 24TH	COE	3.0	8:00- 4:00	MTWTHF	BAIL 405	CARROLL M	7
G	HRD 633	01	LEC	MANAGING ADULT&CONT EDUC	COE	3.0	4:00- 6:40	TTH	BAIL 322	CALLENDER M	1
G	HRD 664	01	LEC	CULTURE,TRAD'N&LIFE CYCLE	COE	3.0	4:00- 6:40	TTH	BAIL 313	ATKINSON R	1
G	HRD 665	01	LEC	PSY MEASURE & EVALUATION	COE	3.0	7:00- 9:40E	MM	BAIL 403	VESS S	1
G	HRD 670	01	LEC	CAREER DEVELOPMENT	COE	3.0	4:00- 6:45	TTH	A A	VANZANDT Z	1
G	HRD 673	01	LEC	PERSP ON CHEM DEPENDENCY	COE	3.0	4:00- 7:15	TTH	BAIL 206	STEVENS R	5
G	HRD 686	01	LEC	INTERNSHIP IN COUNSEL EDU THIS COURSE IS GIVEN JUNE 1ST-AUGUST 24TH	COE	1- 6.0	7:00- 9:50E	M	BAIL 410	SOUTHWORTH R	7
G	HRD 687	01	LEC	INTERNSHIP IN ADULT EDUC	COE	1-12.0		A	A A	BRADY M	7
G	HRD 690	01	LEC	INDIV COUNS PRACTICUM THIS COURSE IS GIVEN JUNE 1ST-AUGUST 24TH	COE	3.0	4:00- 6:50	M	BAIL 401	SOUTHWORTH R	7
G	HRD 698	01	LEC	DIRECTED STUDY IN HRD	COE	1-15.0		A	A A	BRADY M	7
G	HRD 699	01	LEC	INDEPENDENT STUDY	COE	1- 6.0		A	A A	BRADY M	7
P	HRDX299	01	LEC	ADULT LEARNING&DEVELOPMEN	COE	3.0	4:00- 6:40	TTH	PAYS 211	BLINICK K	1
G	HRDX614	01	LEC	VOC EVAL DISABIL ADULTS	COE	3.0	4:00- 7:15	MM	BAIL 404	PAINTER L	5
G	HRDX683	01	LEC	ADOL DEPRESSION&SUICIDE THIS COURSE IS GIVEN JUNE 27TH-JULY 1ST	COE	3.0	8:00- 4:00	MTWTHF	BAIL 405	CARROLL M	7
G	HRDX696	01	LEC	COUNSELOR SUPERVISION THIS COURSE IS GIVEN JULY 11TH-JULY 15TH	COE	3.0	8:00- 4:00	MTWTHF	BAIL 105	VANZANDT Z	7

#### PROFESSIONAL EDUCATION - GRADUATE DIVISION

##### GENERAL EDUCATION COURSES

G	EDU 600	01	LEC	RESEARCH METHODS&TECHNIQ	COE	3.0	4:00- 6:40	TTH	BAIL 207	COHEN L	1
G	EDU 600	02	LEC	RESEARCH METHODS&TECHNIQ	COE	3.0	4:00- 6:40	MM	BAIL 404	SILVERNAIL D	1
G	EDU 600	03	LEC	RESEARCH METHODS&TECHNIQ	COE	3.0	8:15-11:30	MM	BAIL 403	SMITH E	5
G	EDU 699	01	LEC	INDEPENDENT STUDY	COE	1- 6.0		A	A A	SMITH C	7

##### EDUCATIONAL ADMINISTRATION

G	EDU 670	01	LEC	INTRO TO ADMINISTRATION	COE	3.0	8:15-11:30	TTH	BAIL 207	DEADY J	5
G	EDU 670	02	LEC	INTRO TO ADMINISTRATION	COE	3.0	4:00- 6:40	MM	A A	DEADY J	1
G	EDU 671	01	LEC	ORGANIZATIONAL BEHAVIOR	COE	3.0	4:00- 6:40	MM	BAIL 403	SMITH C	1
G	EDU 678	01	LEC	SCHOOL LAW	COE	3.0	12:30- 3:45	TTH	BAIL 206	HOYT J	5
G	EDU 679	01	LEC	EVAL&SUPER-SCH PERSONNEL	COE	3.0	12:30- 3:45	TTH	BAIL 207	KULAWIEC E	5
G	EDU 679	02	LEC	EVAL&SUPER-SCH PERSONNEL THIS COURSE IS GIVEN AUGUST 4TH,5TH,8TH,9TH,10TH	COE	3.0	8:00- 4:00	A	A A	CAPPELUTI J	7
G	EDU 680	01	LEC	STAFF DEVELOPMENT	COE	3.0	4:00- 6:40	TTH	BAIL 204	MILLER L	1

##### EXCEPTIONALITY

X	EPD 572	51	LEC	HEAR IMP:ORAL/AURAL THIS COURSE IS GIVEN JULY 11TH-JULY 15TH	COE	3.0	8:30- 3:30	MTWTHF	A A	SCHARDEL L	7
G	EXE 601	01	LEC	EDU PROGRAM EXCEPT CHILD	COE	3.0	4:00- 6:40	MM	BAIL 319	PRINCE S	5
G	EXE 601	02	LEC	EDU PROGRAM EXCEPT CHILD	COE	3.0	12:30- 3:45	MTW	BAIL 403	VESS S	3

TOWN	COURSE	SEC	TYPE	COURSE TITLE	COL	CR HRS	TIME	DAYS	BLDG	ROOM	INSTRUCTOR	SESSION NO.
G	EXE 610	01	LEC	EM DIST THEORY&PRACTICE	COE	3.0	9:00- 4:00	TWTH	BAIL	201	SCHULTZ E	7
THIS COURSE IS GIVEN JUNE 28TH,29TH,30TH,JULY 5TH,6TH,7TH												
G	EXE 620	01	LEC	LEARN DIS THEORY&PRACTICE	COE	3.0	4:00- 6:40	TTH	BAIL	102	MANGANELLO R	1
G	EXE 622	01	LEC	ADV METH LEARN DISABIL	COE	3.0	8:15-11:30	TTH	BAIL	205	MANGANELLO R	5
G	EXE 648	01	LEC	CURR:HEARING IMPAIRMENT	COE	3.0	7:00- 9:40E	MM	BAIL	207	MCGOUGH B	1
G	EXE 653	01	LEC	ASSESSMENT IN SPECIAL EDU	COE	3.0	8:15-11:30	MTWTHF	BAIL	105	COHEN L	7
THIS COURSE IS GIVEN JUNE 22ND-JULY 10TH												
G	EXE 664	01	LEC	GIFTED STUDENT SPEC POPUL	COE	3.0	8:00-11:45	MTWTHF	BAIL	313	KLEINE P	7
THIS COURSE IS GIVEN JULY 18TH-JULY 29TH												
G	EXE 682	01	LEC	SPEC ED:LAW, CONFLICT&RES	COE	3.0	4:00- 6:40	MM	BAIL	207	LYONS C	1
G	EXE 687	51	LEC	TECH IN SPEC EDU & REHAB	COE	3.0	9:00- 3:00	MTWTHF	BAIL	215	SPENCINER L	7
THIS COURSE IS GIVEN JULY 25TH-JULY 29TH,AUGUST 19TH												
G	EXE 696	01	LEC	SECOND PRACTICUM/SEMINAR	COE	6.0	8:30- 3:30	MTWTHF	BAIL	208	SPRUILL J	5
INSTRUCTIONAL LEADERSHIP												
G	EDU 603	01	LEC	ANALYSIS OF TEACHING	COE	3.0	7:00- 9:40E	TTH	A	A	KULAWIEC E	1
G	EDU 604	01	LEC	CURRICULUM DEVELOPMENT	COE	3.0	4:00- 6:40	MM	A	A	BROYLES I	1
G	EDU 611	01	LEC	CONTEXT FOR TEACH&LEARN	COE	3.0	7:00- 9:40E	MM	A	A	TBA	1
LITERACY EDUCATION												
G	EDU 510	01	LEC	DEVELOP COMPOSITION PROC	COE	3.0	8:15-11:30	MM	BAIL	205	WOOD M	5
G	EDU 513	01	LEC	ADOLESCENT LITERATURE	COE	3.0	7:00- 9:40E	MM	BAIL	204	HUTTON N	1
G	EDU 514	01	LEC	TEACH READ CONTENT AREA	COE	3.0	8:15-11:30	TTH	BAIL	404	MACARTHUR S	5
G	EDU 529	01	LEC	READING CLINIC	COE	6.0	8:00-12:00	MTWTHF	BAIL	206	ODONNELL M	5
PREREQUISITE:EDU 620 AND 621												
G	EDU 621	01	LEC	REMEDIATION	COE	3.0	4:00- 6:40	MM	BAIL	101	SMITH E	1
PREREQUISITE:EDU 620												
PROFESSIONAL DEVELOPMENT CENTER												
P	EPD 503	51	LEC	ARTS EDUC INSTITUTE	COE	3.0	9:00- 3:00	MTWTH	LUTH	425	MOORE J	7
THIS COURSE IS GIVEN AUGUST 8TH-AUGUST 18TH												
X	EPD 511	51	LEC	MIDDLE SCHOOL INSTITUTE	COE	3.0	8:30- 4:30	MTWTHF	A	A	FOSTER C	7
THIS COURSE IS GIVEN JULY 17TH-JULY 22ND												
G	EPD 553	51	LEC	IDENTIFICATION GIFTED	COE	3.0	8:30- 3:30	MTWTHF	BAIL	204	TARVER S	7
THIS COURSE IS GIVEN JUNE 27TH-JULY 1ST												
G	EPD 554	51	LEC	STRATEGIES:GIFTED&TALENT	COE	3.0		A	A	A	SISK/ROSSELLI	7
THIS COURSE IS GIVEN AUGUST 8TH-AUGUST 12TH												
G	EPD 555	51	LEC	COMPUTER&EDUC OF GIFTED	COE	3.0	8:00-12:00	MTWTHFS	BAIL	204	BEASLEY M	7
THIS COURSE IS GIVEN JULY 5TH-9TH AND JULY 11TH-15TH												
G	EPD 573	51	LEC	ADMIN PROGRAMS IN SPEC ED	COE	3.0	8:30- 3:30	MTWTHF	BAIL	101	MARKOVCHICK K	7
THIS COURSE IS GIVEN JUNE 20TH-JUNE 24TH												
G	EPDI529	51	LEC	ECON EDUC FOR TEACHERS	COE	3.0	8:00- 3:00	MTWTHF	BAIL	104	MCKEIL R	7
THIS COURSE IS GIVEN JUNE 22ND-JULY 8TH												
G	EPDI530	51	LEC	STORYTELLING INSTITUTE	COE	3.0	8:30- 3:30	MTWTHF	BAIL	201	GREENE E	7
THIS COURSE IS GIVEN JULY 18TH-JULY 22ND												
G	EPDI538	51	LEC	TEACH FOR SOCIAL RESPON	COE	3.0	8:30- 3:30	MTWTHF	BAIL	322	DAVIS C	7
THIS COURSE IS GIVEN JULY 25TH-JULY 29TH												
G	EPDI541	51	LEC	EARLY CHILD:OBS IN ED PRO	COE	3.0	8:30- 3:30	MTWTHF	BAIL	101	BENN J	7
THIS COURSE IS GIVEN JULY 25TH-JULY 29TH												
G	HRD 645	51	LEC	GERONT INSTR:AGE&LIFE REV	COE	3.0	8:30- 5:00	MTWTHF	BAIL	101	BRADY M	7
THIS COURSE IS GIVEN JUNE 27TH-JULY 1ST												
G	HRDX682	51	LEC	MEDIATION INSTITUTE	COE	3.0	8:15-11:30	MTW	BAIL	102	LANG M	6
DEPARTMENT OF PUBLIC POLICY & MANAGEMENT												
P	PPM 611	01	LEC	ECON ANALYSIS&PUBLIC POL	GRP	3.0	4:00- 6:40	TTH	LUTH	302	TBA	4
P	PPM 695	01	LEC	INDEPENDENT STUDY	GRP	1-15.0		A	A	A	LAPLANTE J	7
SCHOOL OF APPLIED SCIENCE												
APPLIED IMMUNOLOGY												
X	AIM 611	L1	LAB	CELLULAR IMMUNOLOGY LAB	SAS	3.0	6:00- 9:30E 9:00-11:50 S	F	A	A	ROTE/NG	7
CLASS WILL BE HELD AT THE FOUNDATION FOR BLOOD RESEARCH												
THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH												
X	AIM 690	01	LEC	JOURNAL CLUB	SAS	3.0	4:00- 4:50	TH	A	A	ROTE N	7
CLASS WILL BE HELD AT THE FOUNDATION FOR BLOOD RESEARCH												
THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH												
P	AIM 697	01	LEC	INDEPENDENT STUDY	SAS	3.0		A	A	A	ROTE N	7

TOWN	COURSE	SEC	TYPE	COURSE TITLE	COL	CR HRS	TIME	DAYS	BLDG	ROOM	INSTRUCTOR	SESSION NO.
COMPUTER SCIENCE												
P	COS 160	01	LEC	STRUCT PROB SOLVE-PASCAL	SAS	3.0	4:00- 6:40	TTH	PAYS	208	WELTY C	1
P	COS 698	01	LEC	MASTER'S PROJECT	SAS	1- 6.0		A	A	A	STAFF	7
ENGINEERING												
P	ELE 351	01	LEC	FIELDS AND WAVES	SAS	3.0	4:00- 6:40	TTH	SCI	262	SMITH J	1
TECHNOLOGY												
G	IEP 699	01	LEC	INDEPENDENT STUDY	SAS	1-15.0		A	A	A	BERRY A	7
				THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH								
G	IEP 699	02	LE	INDEPENDENT STUDY	SAS	1- 6.0		A	A	A	FAULKNER H	7
				THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH								
G	IEV 460	01	LEC	INDEPENDENT STUDY	SAS	1-15.0		A	A	A	BERRY A	7
				THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH								
G	IEVI310	51	LEC	METH&MAT INSTRUCT VOC EDU	SAS	3.0	8:30- 4:00	MTWTHF	IEDC	A	BERRY A	7
				THIS COURSE IS GIVEN AUGUST 1ST-AUGUST 12TH (PRE-SERVICE INSTITUTE)								
G	ITP 210	01	LEC	TECHNICAL WRITING	SAS	3.0	7:00- 9:40E	MM	IEDC	203	ZANER J	1
G	ITP 340	01	LEC	QUALITY CONTROL FUND'TLS	SAS	3.0	7:00- 9:40E	TTH	IEDC	203	BAZZNET G	1
G	ITP 350	01	LEC	CONFERENCE LEADING	SAS	3.0	7:00- 9:40E	TTH	IEDC	200	CARTER R	1
G	ITP 370	01	LEC	JOB WORK ANALYSIS	SAS	3.0	7:00- 9:40E	TTH	IEDC	203	WRIGHT J	4
G	ITT 382	01	LEC	CAD/CAM TECHNOLOGY	SAS	3.0	4:15- 6:45	TTH	A	A	ANDERSON A	1
G	ITT 440	01	LEC	RELATED EXPER/INTERNSHIP	SAS	3.0		A	A	A	CARTER R	7
				THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH								
G	ITTI440	01	LEC	RELATED OCCUPATION EXPER	SAS	1- 6.0		A	A	A	WRIGHT J	7
				THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH								
SCHOOL OF BUSINESS, ECONOMICS, AND MANAGEMENT												
ACCOUNTING												
P	ACC 201	01	LEC	PRINC FINANCIAL ACCT	SBE	3.0	7:00- 9:40E	MM	LUTH	209	ROBINSON L	1
P	ACC 201	02	LE	PRINC FINANCIAL ACCT	SBE	3.0	4:00- 6:40	MM	LUTH	209	POTTS A	4
P	ACC 202	01	LEC	PRINC OF MANAGEMENT ACCT	SBE	3.0	4:00- 6:40	MM	LUTH	209	ROBINSON L	1
P	ACC 202	02	LEC	PRINC OF MANAGEMENT ACCT	SBE	3.0	7:00- 9:40	MM	LUTH	209	POTTS A	4
P	ACC 490	01	LEC	INDEPENDENT READ&RESEARCH	SBE	1- 3.0		A	A	A	HODSON B	7
BUSINESS												
P	BUS 280	01	LEC	LEGAL ENVIRON OF BUSINESS	SBE	3.0	4:00- 6:40	TTH	PAYS	306	PERSONS A	1
P	BUS 280	02	LEC	LEGAL ENVIRON OF BUSINESS	SBE	3.0	8:15-11:30	TTH	PAYS	306	PERSONS A	5
P	BUS 320	01	LEC	BUSINESS FINANCE	SBE	3.0	8:15-11:30	MTW	LUTH	524	RICHARDSON L	2
P	BUS 327	01	LEC	INVESTMENT MANAGEMENT	SBE	3.0	8:15-11:30	MTW	PAYS	209	RICHARDSON L	3
P	BUS 340	01	LEC	PRINCIPLES OF MANAGEMENT	SBE	3.0	7:00- 9:40E	MM	PAYS	202	GAUTSCHI R	1
P	BUS 349	01	LEC	WOMEN IN MANAGEMENT	SBE	3.0	4:00- 6:40	TTH	LUTH	302	PALMER M	1
P	BUS 360	01	LEC	MARKETING	SBE	3.0	7:00- 9:40E	TTH	PAYS	42	GRAPE G	7
				THIS COURSE IS GIVEN MAY 17TH-JUNE 30TH								
P	BUS 363	01	LEC	ADVERTISING	SBE	3.0	4:00- 6:40	TTH	LUTH	209	GRAPE G	7
				THIS COURSE IS GIVEN JULY 5TH-AUGUST 18TH								
P	BUS 395	01	LEC	COOP EDU-BUS ADMIN I	SBE	1- 5.0		A	LUTH	115	PALMER M	7
P	BUS 396	01	LEC	COOP EDU-BUS ADMIN II	SBE	1- 5.0		A	LUTH	115	PALMER M	7
P	BUS 397	01	LEC	COOP EDU-BUS ADMIN III	SBE	1- 5.0		A	LUTH	115	PALMER M	7
P	BUS 450	01	LEC	BUSINESS MGT AND POLICY	SBE	3.0	8:15-11:30	MTW	PAYS	211	LYNCH J	2
P	BUS 490	01	LEC	INDEPENDENT READ&RESEARCH	SBE	1- 6.0		A	A	A	GREENE C	7
P	MBA 610	01	LEC	MANAGERIAL ECONOMICS	SBE	3.0	7:00-10:00E	MM	LUTH	523	CULLENBERG S	4
P	MBA 660	01	LEC	MANAGERIAL MARKETING	SBE	3.0	7:00-10:00E	MM	LUTH	326	GRAPE G	7
				THIS COURSE IS GIVEN MAY 16TH-JUNE 29TH								
P	MBA 670	01	LEC	OPERATIONS RESEARCH	SBE	3.0	7:00-10:00E	TTH	LUTH	326	ANDREWS B	1
P	MBA 699	01	LEC	ADVERTISING	SBE	3.0	7:00-10:00E	TTH	LUTH	209	GRAPE G	7
				THIS COURSE IS GIVEN JULY 5TH-AUGUST 18TH								
ASSOCIATE BUSINESS PROGRAM												
P	ABU 111	01	LEC	PRINC OF ACCOUNTING I	SBE	3.0	7:00- 9:40E	MM	LUTH	410	ASCANIO T	1
P	ABU 112	01	LEC	PRINC OF ACCOUNTING II	SBE	3.0	7:00- 9:40E	MM	PAYS	209	TBA	4
P	ABU 190	01	LEC	INTRO TO COMPUTERS IN BUS	SBE	3.0	8:15-11:30	TTH	LUTH	403	TBA	5
P	ABU 220	01	LEC	INTRO TO BUSINESS FINANCE	SBE	3.0	8:15-11:30	MTW	PAYS	208	GOLD J	3
P	ABU 221	01	LEC	PRINC OF REAL ESTATE	SBE	3.0	8:15-11:30	MTW	LUTH	403	KUCSMA M	2
P	ABU 227	01	LEC	INTRO TO STOCKS AND BONDS	SBE	3.0	7:00- 9:40E	TTH	LUTH	503	TBA	4
P	ABU 240	01	LEC	PRINCIPLES OF MANAGEMENT	SBE	3.0	7:00- 9:40E	TTH	PAYS	207	TBA	1
P	ABU 285	01	LEC	ABA WORK INTERNSHIP	SBE	3.0		A	LUTH	115	PALMER/GOLD	7



TOWN	COURSE	SEC	TYPE	COURSE TITLE	COL	CR HRS	TIME	DAYS	BLDG	ROOM	INSTRUCTOR	SESSION NO.
ECONOMICS												
P	ECO 201J	01	LEC	PRINC OF ECONOMICS I	SBE	3.0	7:00- 9:40E MM		LUTH	524	MCKEIL R	1
P	ECO 201J	02	LEC	PRINC OF ECONOMICS I	SBE	3.0	8:15-11:30 MTW		PAYS	209	MCKEIL R	2
P	ECO 202J	01	LEC	PRINC OF ECONOMICS II	SBE	3.0	7:00- 9:40E MM		PAYS	205	NORTON R	4
P	ECO 202J	02	LEC	PRINC OF ECONOMICS II	SBE	3.0	8:15-11:30 MTW		LUTH	510	PHILLIPS M	3
P	ECO 299	01	LEC	U.S.S.R. ECON&SOCIAL SYST	SBE	3.0		A	A	A	DURGIN F	7
THIS IS A TRAVEL/STUDY COURSE TO USSR, JUNE 26TH-JULY 10TH												
THIS IS A FEE COURSE. CONTACT F. DURGIN AT 780-4306												
THIS SECTION OPEN TO NON-ECON MAJORS (INCLUDES ONE WEEK OF CAMPUS STUDY)												
P	ECO 302	01	LEC	MICROECONOMIC ANALYSIS	SBE	3.0	7:00- 9:40E TTH		PAYS	205	PHILLIPS M	1
P	ECO 399	01	LEC	U.S.S.R. ECON&SOCIAL SYST	SBE	3.0		A	A	A	DURGIN F	7
THIS IS A TRAVEL/STUDY COURSE TO USSR, JUNE 26TH-JULY 10TH												
THIS IS A FEE COURSE. CONTACT F. DURGIN AT 780-4306.												
THIS SECTION OPEN TO ECON/BUS MAJORS (INCLUDES ONE WEEK OF CAMPUS STUDY)												
P	ECO 490	01	LEC	INDEPENDENT READ&RESEARCH	SBE	1-15.0		A		LUTH 227	MCMAHON R	7
SCHOOL OF NURSING												
NURSING												
P	NUR 304	01	LEC	TRANSITION TO PROF ROLE	SON	5.0		A	A	A	TBA	1
RN'S ONLY. CONTACT LIZ ELLIOT AT 780-4130.												
P	NUR 305	01	LEC	NURSING PROCESS II	SON	3.0	9:00- 4:00 T		PAYS	301A	STAFF	7
THIS COURSE IS GIVEN MAY 17TH-JUNE 26TH												
TO BE TAKEN WITH NUR 355												
P	NUR 309	01	LEC	HEALTH ASSESSMENT	SON	3.0		A	A	A	TBA	1
CONTACT LIZ ELLIOT AT 780-4130.												
P	NUR 355	L1	LEC	NURSING II LAB	SON	4.0		TM	A	A	STAFF	4
TO BE TAKEN WITH NUR 305												
P	NUR 690	01	LEC	THESIS PROJECT SEMINAR	SON	1.0	4:00- 6:30 T		A	A	MACPHERSON K	2
RECREATION & LEISURE STUDIES												
*****												
* REC 105 THROUGH REC 109 ARE ALL FEE COURSES AND RUN FROM *												
* JULY 11TH-SEPTEMBER 17TH. CONTACT LIFELINE AT 780-4170 *												
*****												
P	REC 105	01	LAB	LIFELINE:WALK/JOG	SON	1.0	6:45- 7:30 MMF		GYMP	GYM	SULLIVAN J	7
P	REC 105	02	LAB	LIFELINE:WALK/JOG	SON	1.0	4:30- 5:15 MMF		GYMP	GYM	SULLIVAN J	7
P	REC 105	03	LAB	LIFELINE:WALK/JOG	SON	1.0	6:00- 6:45 MMF		GYMP	GYM	SULLIVAN J	7
P	REC 105	04	LAB	LIFELINE:WALK/JOG	SON	1.0	11:30-12:15 MMF		GYMP	GYM	SULLIVAN J	7
G	REC 105	05	LAB	LIFELINE:WALK/JOG	SON	1.0	6:00- 6:45 MMF		GYMG	GYM	SULLIVAN J	7
P	REC 105	06	LAB	LIFELINE:WALK/JOG	SON	1.0	6:00- 6:45E TTH		GYMP	GYM	SULLIVAN J	7
7:30- 8:15 S												
P	REC 106	01	LAB	LIFELINE:ENERGY IN MOTION	SON	1.0	11:30-12:15 MMF		GYMP	GYM	SULLIVAN J	7
P	REC 106	02	LAB	LIFELINE:ENERGY IN MOTION	SON	1.0	5:15- 6:00 MMF		GYMP	GYM	SULLIVAN J	7
P	REC 106	03	LAB	LIFELINE:ENERGY IN MOTION	SON	1.0	4:30- 5:15 MMF		GYMP	GYM	SULLIVAN J	7
P	REC 106	04	LAB	LIFELINE:ENERGY IN MOTION	SON	1.0	6:00- 6:45E MMF		GYMP	GYM	SULLIVAN J	7
P	REC 106	05	LEC	LIFELINE:ENERGY IN MOTION	SON	1.0	6:45- 7:30 MMF		GYMP	GYM	SULLIVAN J	7
P	REC 108	01	LAB	LIFELINE:AQUATICS	SON	1.0	6:00- 6:45 MMF		A	A	SULLIVAN J	7
THIS COURSE IS GIVEN AT THE RIVERTON POOL												
P	REC 108	02	LAB	LIFELINE:AQUATICS	SON	1.0	6:45- 7:30 MMF		A	A	SULLIVAN J	7
THIS COURSE IS GIVEN AT THE RIVERTON POOL												
P	REC 109	01	LAB	LIFELINE:HEIGHT TRAINING	SON	1.0		A	GYMP	GYM	SULLIVAN J	7
P	REC 199	01	LEC	BASIC SAILING&SEAMANSHIP	SON	2.0		A	A	A	POWER/WHEELER	7
THIS COURSE IS GIVEN JUNE 28TH-JULY 1ST												
P	REC 199	02	LEC	BASIC SAILING&SEAMANSHIP	SON	2.0		A	A	A	POWER/WHEELER	7
THIS COURSE IS GIVEN JULY 5TH-JULY 8TH												
P	REC 199	03	LEC	BASIC SAILING&SEAMANSHIP	SON	2.0		A	A	A	POWER/WHEELER	7
THIS COURSE IS GIVEN JULY 12TH-JULY 15TH												
P	REC 199	04	LEC	BASIC SAILING&SEAMANSHIP	SON	2.0		A	A	A	POWER/WHEELER	7
THIS COURSE IS GIVEN JULY 19TH-JULY 22ND												
P	REC 199	05	LEC	BASIC SAILING&SEAMANSHIP	SON	2.0		A	A	A	POWER/WHEELER	7
THIS COURSE IS GIVEN JULY 26TH-JULY 29TH												
P	REC 199	06	LEC	BASIC SAILING&SEAMANSHIP	SON	2.0		A	A	A	POWER/WHEELER	7
THIS COURSE IS GIVEN AUGUST 2ND-AUGUST 5TH												
P	REC 199	07	LEC	BASIC SAILING&SEAMANSHIP	SON	2.0		A	A	A	POWER/WHEELER	7
THIS COURSE IS GIVEN AUGUST 9TH-AUGUST 12TH												
P	REC 199	08	LEC	BASIC SAILING&SEAMANSHIP	SON	2.0		A	A	A	POWER/WHEELER	7
THIS COURSE IS GIVEN AUGUST 16TH-AUGUST 19TH												
P	REC 199	09	LEC	BASIC SAILING&SEAMANSHIP	SON	2.0		A	A	A	POWER/WHEELER	7
THIS COURSE IS GIVEN AUGUST 23RD-AUGUST 26TH												

TOWN	COURSE	SEC	TYPE	COURSE TITLE	COL	CR HRS	TIME	DAYS	BLDG	ROOM	INSTRUCTOR	SESSION NO.
P	REC 199	10	LEC	BASIC SAILING&SEAMANSHIP	SON	2.0		A	A	A	POWER/WHEELER	7
THIS COURSE IS GIVEN AUGUST 30TH-SEPTEMBER 2ND												
P	REC 216	01	LEC	ADV FIRST AID&EMERG CARE	SON	3.0	4:00- 6:40	TTH	GYMP	216A	JORDAN L	1
P	REC 217	01	LEC	SMALL BOAT HAND&SEAMANSHP	SON	2.0	6:30- 8:45E	MTW	PAYS	200	POWER T	2
P	REC 219	01	LEC	PERSONAL FITNESS	SON	3.0	7:00- 9:40E	MTW	GYMP	216A	FOLSON R	1
P	REC 219	02	LEC	PERSONAL FITNESS	SON	3.0	7:00- 9:40E	TTH	GYMP	216A	DOWNING T	4
P	REC 279	01	LEC	HEALTH&FITNESS OLDER ADUL	SON	3.0		A	A	A	PISCOPO J	7
THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.												
THIS COURSE IS GIVEN JUNE 23RD-JUNE 24TH												
P	REC 299	01	LEC	ADV SAILING & SEAMANSHIP	SON	2.0		A	A	A	POWER/WHEELER	7
DIVISION OF OFF-CAMPUS INSTRUCTION AND ACADEMIC SUPPORT												
P	ENG 009A	01	LEC	DEVELOPMENTAL ENGLISH	DBS	3.0	7:00- 9:40E	TTH	PAYS	206	SOULIERE Y	4
P	ENG 019	01	LEC	WRITTEN BUSINESS COMM	DBS	3.0	7:00- 9:40E	MTW	PAYS	206	LEMELIN R	1
P	MAT 009	01	LEC	DEVELOPMENTAL MATHEMATICS	DBS	3.0	7:00- 9:40E	MTW	PAYS	208	BOLDUC G	4
BATH/BRUNSWICK CENTER												
BB	ABU 260	41	LEC	MARKETING	DBS	3.0	7:00- 9:40E	TTH	A	A	LEACH T	7
THIS COURSE IS GIVEN JUNE 6TH-JULY 20TH												
BB	HRD 333J	41	LEC	HUMAN GROWTH&DEVELOPMENT	DBS	3.0	7:00- 9:40E	MTW	A	A	COOK S	4
BB	MAT 140D	41	LEC	PRE-CALCULUS MATHEMATICS	DBS	3.0	7:00- 9:40E	TTH	A	A	TBA	4
SACO/BIDDEFORD CENTER												
SB	ABU 101	91	LEC	PRINC OF ECONOMICS I	DBS	3.0	7:00- 9:40E	MTW	A	A	HAMLIN R	4
SB	ABU 111	91	LEC	PRINC OF ACCOUNTING I	DBS	3.0	7:00- 9:40E	MTW	A	A	PFEIFFER D	4
SB	BIO 101K	91	LEC	BIOLOGICAL FOUNDATIONS	DBS	3.0	7:00- 9:40E	TTH	A	A	FINK E	4
SB	ENG 150	91	LEC	MODERN THOUGHT IN DRAMA	DBS	3.0	7:00- 9:40E	MTW	A	A	MAKOWICZ J	4
SB	POS 101J	33	LEC	INTRO TO AMER GOVERNMENT	DBS	3.0	12:30- 3:45	MTW	A	A	WOSHINSKY O	2
THIS IS AN ITV COURSE RECEIVE SITE												
SB	PSY 102	33	LEC	GENERAL PSYCHOLOGY II	DBS	3.0	4:00- 6:40	TTH	A	A	GAYTON W	1
THIS IS AN ITV COURSE RECEIVE SITE												
SB	PSY 224	91	LEC	ADOLESCENT DEVELOPMENT	DBS	3.0	7:00- 9:40E	TTH	A	A	TBA	4
SB	SOC 100J	33	LEC	INTRO TO SOCIOLOGY	DBS	3.0	7:00- 9:40E	MTW	A	A	GIGUERE M	1
THIS IS AN ITV COURSE RECEIVE SITE												
SANFORD CENTER												
S	ABU 111	92	LEC	PRINC OF ACCOUNTING I	DBS	3.0	7:00- 9:40E	MTW	A	A	CARLL J	1
S	ENG 100C	92	LEC	COLLEGE WRITING	DBS	3.0	7:00- 9:40E	MTW	A	A	STEPHENS H	1
S	MAT 010	92	LEC	ELEMENTARY ALGEBRA	DBS	3.0	4:00- 6:40	MTW	A	A	BOSTON R	1
S	POS 101J	32	LEC	INTRO TO AMER GOVERNMENT	DBS	3.0	12:30- 3:45	MTW	A	A	WOSHINSKY O	2
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S	PSY 102	32	LEC	GENERAL PSYCHOLOGY II	DBS	3.0	4:00- 6:40	TTH	A	A	GAYTON W	1
THIS IS AN ITV COURSE RECEIVE SITE												
S	SOC 100J	32	LEC	INTRO TO SOCIOLOGY	DBS	3.0	7:00- 9:40E	MTW	A	A	GIGUERE M	1
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S	THE 170F	32	LEC	PUBLIC SPEAKING	DBS	3.0	8:15-11:30	MTW	A	A	STEELE W	2
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Some course descriptions were not available at time of publication. Please refer to the USM undergraduate or graduate catalog for course description.

# 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 111 History of Art I**

Examination and discussion of the early epochs of art from prehistoric cultures through the Renaissance. Special attention is directed to the relationships of historical and theoretical knowledge to creative expression. Divergent viewpoints of the art historian, the critic, and the artist are explored. The first half of an overview of the visual arts emphasizing the interrelationships of cultural values and the forms of art. Cr 3.

#### **ARH 112 History of Art II**

A continuation of ARH 111 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 101 Approaches to Art**

Selected experiences using original works, lecture, panel discussion, 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. Students planning to pursue a degree in art must take the Art Core prior to registering for this 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**

Photography as a creative medium. Introduction to basic skills in the use of the camera and darkroom equipment. Investigation and practice in the fundamental techniques and processes of black and white photography as an art form. Prerequisite: art core courses. Cr 3.

#### **ART 299 2-D, 3-D Figure Study**

A studio course of figure study including drawing, modeling, readings in artistic anatomy; supplemented by historical study of figurative art. Students planning to pursue a degree in art must take the Art Core prior to registering for this course. 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.

#### **ART 412 Visiting Artists Workshop**

This course is taught by Rose Marasco, assistant professor of art at USM and two invited visiting artists - Joyce Abrams and Elisa Decker, both New York City based artists. Students will elect to concentrate with one instructor while interacting with the entire group for discussions, critiques, and field trips. Areas of concentration include (but are not limited to): charcoal/pastel/collage; colored pencils/wash or paper; or photography/media. Prerequisites: art core courses and for Photography section, darkroom proficiency. May be taken for teacher recertification credits (4.5) Cr 3.

#### **ART 499 Sculpture: Stacked, Floating and Bound**

This course involves an exploration of these three, basically non-sculptural, processes within the sculptural framework. We will look at these processes as they do exist in and out of the art tradition, focusing our understanding to those within the tradition while gaining inspiration from that which may be outside it. Cr 3.



*Lisa Pulsifer, student  
Visiting Artists Workshop, 1987*

## **Arts and Sciences**

### **ARS 124 Patterns in Comparative Religion**

This course seeks to stimulate a broadened understanding of religion through an examination of such typical religious phenomena as rites associated with birth, life-stages, death, sacred times, sacred places, myths, and religious symbolism. Course materials, including lectures, readings, and other sources, will be drawn from the major religions of the world as well as from ancient and regional traditions. Throughout the course, particular emphasis will be given to a sympathetic, rather than judgmental, examination of religious traditions. No prerequisites. Cr 3.

## **Biology**

### **BIO 101 Biological Foundations**

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

### **BIO 102 Biological Experiences**

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

### **BIO 105 Elements of Biology**

An introduction to the structure and function of living systems from the cell to the ecological communities. This course is a prerequisite to all higher numbered courses offered in the Department of Biological Sciences. Cr 3.

### **BIO 211 Human Anatomy and Physiology**

The study of functional anatomy and physiology of the human. Prerequisite: grade of C or higher in BIO 105. Cr 3.

### **BIO 212 Practical Human Anatomy and Physiology**

Laboratory studies of the structure and functions of the human body including histology and physiology experiments. NOT open to those who have completed BIO 205. Prerequisite: grade of C or higher in BIO 106; 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 105, 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 of laboratory studies on a special topic, as mutually arranged by instructor and student. Prerequisite: by arrangement. Credit Arranged.

## **Chemistry**

### **CHY 101 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 102 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 104 Introductory Organic and Biochemistry Laboratory**

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

### **CHY 113 Principles of Chemistry I**

A presentation of fundamental principles of chemical science. These principles will be presented in quantitative terms and illustrated by examples of their applications in laboratories and in ordinary non-laboratory experience. This course and CHY 114 (normally taken concurrently) provide the basis for further study of chemistry. 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. Cr 3.

### **CHY 114 Laboratory Techniques I**

Laboratory experiments to illustrate the principles which are presented in CHY 113 lectures. One recitation and two laboratory hours per week. Corequisite: CHY 113. Cr 1.

**CHY 115 Principles of Chemistry II**  
A presentation of topics of chemistry additional to those presented in CHY 113. This course is designed to provide a solid foundation for all further studies in chemistry and is a prerequisite for all upper-level chemistry courses. Prerequisite: grade of C or better in CHY 113. Spring. 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. Spring. Cr 1

**CHY 411-416 Special Topics**  
Reading and discussion of advanced subjects or instruction in special topics/research. Permission of instructor required. 6 credits maximum. Cr 1-3.

**CHY 490 Senior Research Project**  
Open to senior majors. Prerequisites include a 3.0 GPA in chemistry, completion of the Analytical and Organic Chemistry series, and permission of the department. 15 credits maximum. Cr 3-15.

## **Communication**

### **COM 102 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 150 Business Communication**  
A lecture-discussion course in business communication, emphasizing industrial, managerial, and labor communication. Investigation of theory, models, new barriers to communication, and other topics, including basic methods and techniques of internal business communication. Cr 3.

### **COM 171 Interpersonal Communication**

An experiential learning-based course designed to acquaint the student with the elements of interpersonal communication, its basic nature and function. The course involves a study of the potential of human communication; with applications to the problems of misunderstanding and their remedy. Cr 3.

### **COM 299 Family Communication**

Family relationships that are healthy and viable, that support satisfying relationships, authentic interaction and confirming styles of response are the focus of this course. Perspectives include the family from a general system view, as a communication system, as a relational system, and as an interactional response system. Students will examine sham and straight talk, individual autonomy and family merger, as well as rigid and closed systems. Cr 3.

### **COM 299 Video Production**

This course introduces the student to the technical aspects of video production, primarily single camera production and editing techniques. Emphasis is given to the conceptual and aesthetic reasons that govern the use of production techniques in non-fiction and fiction productions. Students work in production teams similar to professional situations making short videotapes. In addition, students are given a brief history of film, television and video, with an exposure to industry and independent production styles. Cr 3.

### **COM 299 Writing for Media**

The focus of the course will be using and understanding written communication in a wide variety of mediums. *Writing for Media* will deal with how to identify the best medium for a message and with techniques for conveying the message using the chosen medium. The course will cover the requirements of printed and electronic media in a broad survey including memos, newsletters, reports, promotional materials, advertising copy, and article writing as well as requirements of promotional, educational or documentary scripts for radio, TV or audiovisual production. Students will produce written materials for shorter applications and will outline ideas for longer, more complicated applications. 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. Cr 3.

### **COM 394 Theory of Film**

The emergence and evolution of the film medium are traced through the writings and teachings of both the classic and the modern theorists/film-makers, from several perspectives: humanistic, ideological, and technical. The course focuses on the contributions of historical trends, film genres, major schools of thought, and the works of selected individuals in shaping a concept of what the medium of film is, how it operates as a language, how it relates to reality and what functions it serves. Students will apply these notions in their examination of the often conflicting relationship among the various theories as well as between film theory and film criticism. Cr 3.

### **COM 399 Conflict**

Conflict is an intrinsic part of living. We all experience it yet few of us understand what is really happening, how or why. This course addresses the nature and purpose of conflict, the cognitive styles and tactics, and constructive approaches to fighting. Different theories will be explored. Exercises, papers and group discussions will provide opportunities to apply the concepts to real life concerns. Cr 3.

### **COM 399 Women in Management**

For both men and women in business, education, and other work settings. It explores the changing business and organizational environment created by the increase of women in professional and managerial positions. The course examines theoretical concepts pertaining to women in management. Both women and men who are or aspire to be managers will benefit from this course. Prerequisites: junior standing. Cr 3.

### **COM 430 Communication Internship**

An in-depth study of experiences in specific areas of communication conducted in the field. Students will focus their efforts in an area related to their choice of communication expertise (i.e., organizational communication, mass communication, intercultural communication). Prerequisite: a precise definition of the project, and director's consent. Pass/Fail only. Cr var.

### **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 118 New Directions in Art and Music**

Focuses on art and music from ca. 1920 to the present. Typically arranged classes relate contemporary culture to new developments in the arts such as electronics, computers, and multimedia productions. Students will also acquire a vocabulary for interpreting art and music. Prerequisite: ENG 100C and Skills and Analysis/Philosophy. Cr 3.

### **Criminology**

#### **CRM 215 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. The course is also listed as SOC 215. This course is one of the two basic courses in the Criminology program, along with Law and Society (SOC 336). Prerequisite: SOC 100 or permission of instructor. Cr 3.

### **English**

#### **ENG 009 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**

Training in the writing of effective business reports, letters, and related material. Cr 3.

#### **ENG 100 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. To complete the course successfully, the student must pass a departmental exit examination. The exit examination is an integral part of the course; it may not be taken as a waiver examination. Passing the departmental examination does not, however, guarantee that the student will pass the course. Each instructor has his or her own standards. Students may not take both ENG 100 and 101 for credit. This course cannot be used to satisfy a humanities requirement. Prerequisite: writing proficiency. Cr 3.

#### **ENG 120 Introduction to Literature**

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

#### **ENG 160 Poetry**

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

#### **ENG 161 Fiction: The Genre**

An intensive course in the close reading of many kinds of fiction, with an emphasis on the tradition of psychological realism. The different styles and approaches to narrative that characterize writing by men and women in different eras, and the qualities that give superior writing its position of esteem in our culture will be studied.

Cr 3.

#### **ENG 201 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 100 or 101 and ENG 120. Cr 3.

#### **ENG 202 Fiction Writing**

This is a class 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 Cr 3.

#### **ENG 209 Business and Report Writing**

Primarily for juniors and seniors majoring in business administration. Training in clear and effective writing of formal reports, business communications, and related materials. Cr 3.

#### **ENG 210 News Writing**

This course includes news and feature writing with intensive practice in journalistic-writing techniques, accuracy, judgment, and style. Prerequisite: ENG 100/101. Cr 3.

#### **ENG 220 Ancient Masterpieces**

A study of selected major works of classical times which will provide students with a background for understanding the most influential books of our culture. Included are Homer, Plato, Greek dramas, Virgil. HON 101 The Ancient World satisfies the English Department requirement for this course. Cr 3.

#### **ENG 261 Shakespeare II**

This course will cover a representative selection of comedies, tragedies and romances. Cr 3.

#### **ENG 280 American Renaissance**

After briefly tracing Puritan culture, its decline, and its replacement by the bourgeois spirit of Franklin, this course examines the Transcendentalist Emerson's and Thoreau's discovery of spirit in nature, Hawthorne's and Melville's reaffirmation of good-evil dualism and probing of eternal verities, Whitman's expansive affirmation of American hope, and Emily Dickinson's searching uncertainties. Together, they constitute a major period or movement in American literature, one marked by the symbolic treatment of American materials. Cr 3.

### **ENG 299 Writing for Publication**

This course is an introduction to writing markets with emphasis on preparing material for publication in one, or more, of these markets. Students are expected to generate, organize and complete works for publication. Instruction plus individual consultation is included. Cr 3.

### **ENG 302 Fiction Workshop**

An advanced course requiring the completion of short stories or a substantial part of a novel. This course is part of the Stonecoast Writers' Conference.

Cr 3.

### **ENG 303 Poetry Workshop**

A course for advanced students who, after experimenting with different approaches and styles, are developing their own themes and voices as poets. Work toward a completed chapbook-length manuscript of high-quality work will be the basis for the course grade. This course is part of the Stonecoast Writers' Conference.

Cr 3.

### **ENG 304 Writing the First Novel**

According to William Carlos Williams, a short story is about one thing; a novel is about many related things. This workshop is for writers whose fiction requires the space and scope of the novel form, and the course will examine ways of structuring complex material with special attention to the relations of parts to the whole. It will consider the problems—practical and creative—peculiar to sustaining a single creative effort over a long period of time, and such aids to organization as the outline, note systems, schedules. Students will present chapters and/or projected plans to the class in an atmosphere of supportive discussion and criticism. This course is part of the Stonecoast Writers' Conference.

Cr 3.

### **ENG 327 Modern Short Story**

This course is an intensive study of several short story collections by such modern and contemporary masters of the short story as Thomas Mann, Isaac Babel, Virginia Woolf, William Trevor, Raymond Carver and Alice Monroe. Students are expected to write short papers (personal essays) on approximately five of the six writers considered in the course. Lectures will focus on structure, style, content and the more elusive issues of literacy value and appreciation. Cr 3.

### **ENG 375 The Victorian Novel**

This course will view the Victorian novel in terms of its relation to its neoclassic and Romantic predecessors on one hand and to its modern successors on the other. Classes will combine lecture and discussion. Requirements for the course will include one short paper on a topic of the student's choice and a longer paper due at the end of the term. The topic for the longer paper will be chosen from a short list compiled by the instructor. Novels will include Jane Austen's *Emma*, Emily Bronte's *Wuthering Heights*, Charlotte Bronte's *Jane Eyre*, Dicken's *Great Expectations*, Thomas Hardy's *Jude the Obscure*, and Ford Madox Ford's *The Good Soldier*.

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.

### **Foreign Languages**

#### **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.

#### **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.

Cr 6. (With lab. Cr 8.)

### **RUS 107 Intensive Beginning Russian**

This course is 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 Russian. 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 with tapes is required (for two additional credits).

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.

Cr 6. (With lab. Cr 8.)

### **SPA 299 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.)

### **Classics**

#### **CLA 299 Women in Antiquity**

This course will study the roles of women in the ancient mediterranean world. The debate over the existence of matriarchal and matrilineal societies will be examined as will the societal attitudes toward women as expressed in the literature of patriarchal Greece.

Cr 3.





### **Geography and Anthropology**

#### **GEO 120 Geography of Maine**

This course will examine Maine as a geographic region. Physical and cultural attributes of the state will be analyzed. Political, economic and demographic factors will be emphasized in viewing the assets and problems of the Maine environment, and in planning Maine's future. No prerequisites. Offered each semester. Cr 3.

#### **GYA 300 Archaeology Field School**

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. Cr 6.

### **Geosciences**

#### **GEY 111 Physical Geology**

A study of the ever-changing earth by wind, water, volcanism, crustal movement, and glaciation. Three hours of lecture. GEY 111 may be taken without GEY 112. Cr 3.

#### **GEY 350 Geological Field Methods**

A course in geological field methods intended to introduce to the student the tools and practical techniques used in collecting, compiling, and analyzing geological data. Students will have assignments in the igneous/metamorphic and surficial terrain of southern coastal Maine and sedimentary and volcanic terrain in eastern coastal Maine. Summer. Five weeks. Prerequisites: GEY 111, 112 and GEY 113, 114. GEY 203, GEY 301. Recommended: GEY 302, GEY 303, GEY 202. Cr 6.

#### **OCE 100 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. Three hours lecture. Cr 3.

#### **OCE 101 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 100 which may be taken concurrently. One two-hour laboratory session each week. Cr 1.

### **History**

#### **HTY 101 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 102 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 131 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 132 United States History Since 1877**

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

#### **HTY 244 20th Century Europe**

An intensive survey of European developments in the 20th century. The course deals with such intellectual trends as the revolt against positivism, Freudian psychology, expressionism and surrealism in the arts as well as with such phenomena as totalitarianism in its various forms (Nazism, Fascism, Soviet Communism). World Wars I and II and the post-1945 evolution of Europe are thoroughly analyzed. Prerequisite: HTY 102 or permission. Cr 3.

### **HTY 300 History Internship**

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

### **HTY 305 Hamilton and Jefferson**

A study of Hamilton and Jefferson including biographical information and the Jefferson-Hamilton political dichotomy and its subsequent influence. Following this, the course will present a general analysis of social, intellectual, political, economic, and diplomatic problems facing the "New Nation" between 1789-1815. Prerequisite: HTY 131 or permission. Cr 3.

### **HTY 321 History of Maine**

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

### **HTY 399 History of Women in the United States**

This course is a chronological survey of the evolving role of women within the development of the United States from the colonial period to the present. Cr 3.

### **HTY 498 Independent Study in History**

To provide juniors and seniors who have demonstrated critical and analytical capability an opportunity to pursue a project independently, charting a course and exploring an area of interest within their major field, bearing upon it previous course experiences, and emerging with an intellectually sound, coherent synthesis reflecting a high caliber of performance. Prerequisite: permission. Cr 1-3.

### **HTY 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.

**MAC 528 Computer Programming I**  
Programming techniques employing BASIC and FORTRAN languages. Applications will be primarily from elementary school mathematics topics and statistics. Cr 3.

### **MAT 009 Developmental Mathematics**

A review of fundamental topics of arithmetic needed prior to a study of algebra. Topics include properties of whole numbers, place value, perimeter, area, volume, average, percent, graphs, proportion, exponents, solving word problems and equations. Credit earned in MAT 009 does not apply or accumulate toward any degree program at the University of Southern Maine. Cr 3.

**Note:** Credits earned for MAT 010 and MAT 011 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. No prerequisites. Cr 3.

### **MAT 011 Intermediate Algebra**

A continuation of MAT 010. Prerequisite: MAT 010 or one year of high school algebra. Cr 3.

### **MAT 100 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 104 Topics in Mathematics**

This course is designed to give students (not majoring in mathematics or computer science) an understanding of some key ideas in contemporary mathematics. The material is chosen to develop an awareness of the utility of mathematics in life and to instill an appreciation of the scope and nature of mathematics. Topics will be selected from: sets, logic, graphs, geometry, counting methods, probability, statistics, game theory, growth and decay laws, matrices, and mathematical programming. Prerequisite: Two years of high school algebra and one year of geometry. Cr 3.

### **MAT 110 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 120 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 131 Number Systems for Elementary Teachers**

This is the first course in a three-course sequence in mathematics recommended by the committee on the Undergraduate Mathematics Program of the Mathematical Association of American for prospective primary and elementary teachers. Major emphasis is placed on an intuitive approach to the real number system and its subsystems. Prerequisites: two years of high school algebra and one year of geometry. Cr 3.

### **MAT 140 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 152 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 152. Cr 4.

### **MAT 211 Probability**

Common probability laws and distributions of discrete and continuous random variables; matrix operations and applications to 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 252 Calculus C**

Multivariate calculus and vector calculus. 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: A master's degree in mathematics (or the equivalent), at least five (5) years of 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.

### **MME 549 Selected Topics in Mathematics**

A course designed to provide enrichment topics for the elementary teacher. The course includes such topics as Awareness Geometry, Transformation Geometry, Analysis of Shapes, Number Theory and Measurement. The course is activity based and involves activities which may be implemented into the classroom. Cr 3.

### **Military Science**

#### **MIS 229 ROTC Basic Camp**

A six-week summer camp conducted at Fort Knox, Kentucky. The student receives pay; and travel costs are defrayed by the Army. The environment is rigorous, and is similar to Army Basic Training. The training includes the role and mission of the U.S. Army, map reading and land navigation, first aid, marksmanship, leadership, physical training, drill and parades, and tactics. Completion of MIS 229 satisfies all basic

course requirements. Six different cycles offered during the summer. Basic course applicants are accepted during the spring semester. Students apply for enrollment to the professor of military science. Selection for attendance is based on qualifications and merit. Cr 6.

### **Music**

#### **MUE 521 Junior High/Middle School Music Workshop**

This course will help the student develop techniques and lesson planning strategies which produce cognitive and musical growth using traditional and unconventional music with the traditional activities of singing, playing, listening, moving, reading and creating. Included will be such topics as specific lessons and techniques for developing your own lessons for all style periods, information about electronic music and how it can be used in the classroom, a learning sequence for music reading that speeds learning, swing choir techniques and handling the changing voice in the classroom and the rehearsal. Cr 2.

#### **MUE 599 Instrumental Methods: Jazz**

This is an intensive one-week course in how to teach jazz improvisation, the organization of jazz ensembles, rehearsal techniques, and literature selection. Cr 3.

#### **MUS 100 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. Open to all students. Cr 3.

#### **MUS 110 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. Open to all students. Cr 3.

#### **MUS 255 Guitar**

This course offers an introduction to basic guitar skills. Emphasis is placed on skills which lead to playing effective accompaniments such as strumming, finger picking and chordal techniques. Recommended for beginners and low intermediates. Cr 1.

#### **MUS 406 Chamber Music: Strings.**

Persons enrolled in the Portland String Quartet's Summer String Quartet Workshop at Colby may enroll for one to three hours of college credit through USM.

#### **MUS 499 01 Woodwind Repair Workshop**

A course for the public school teacher and practicing musician to prepare him or her to handle minimal maintenance and standard repair emergencies of woodwind instruments. Participants will be required to have or purchase a small set of repair tools. Cr 3.

### **Philosophy**

#### **PHI 102 Introduction to Philosophy: The Quest for Certainty**

Philosophy has often been defined as the attempt to become aware of the hidden assumptions we make in our everyday outlooks on life. The present course will deal with one of the most pervasive of these assumptions—the thesis that human beings should pursue certainty and objectivity at any price. The history of philosophy will be utilized to trace and to criticize the identification of all true knowledge with certainty. Questions will be raised as to whether the quest for certainty is either feasible or beneficial to the human person. An analysis of some 20th-century alternatives, including existentialism and pragmatism, will be undertaken. Cr 3.

#### **PHI 103 Introduction to Philosophy: Human Alienation**

Why does modern man picture himself as alienated from nature and his fellow man? How did the problem of alienation come about? What possibilities exist for overcoming it? This course will deal with these issues and attempt to suggest viable alternatives. Cr 3.

## **Physics**

### **PHY 123 General Physics II**

A continuation of PHY 121, introducing the concepts of electricity, magnetism, light, and atomic physics, using calculus where necessary at a level appropriate to the background of the student. This course is intended for students who plan further study in science, mathematics, or engineering. It should be taken with PHY 124. Prerequisite: PHY 121 or equivalent and one semester of calculus. Three hours of lecture and two hours of recitation per week. Cr 4.

## **Political Science**

### **POS 101 Introduction to American Government**

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

### **POS 102 People and Politics**

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

### **POS 201 Women and Politics**

An introduction to the way gender affects political behavior. Special attention will be given to the social, psychological, and legal factors which, over the years, have inhibited women from engaging in full-scale political activity. Special consideration will also be given to the way the women's movement and the ideas of feminism have encouraged growing rates of political participation by women. The course will include a thorough review of the different behavior patterns of women and men in politics. Cr 3.

## **Psychology**

### **PSY 101 General Psychology I**

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

### **PSY 102 General Psychology II**

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

### **PSY 201 Statistics in Psychology**

A general introduction to the techniques of descriptive, predictive, and inferential statistics. Emphasis is placed on measures of central tendency and variability, correlation, hypothesis testing, and simple analysis of variance. Prerequisites: PSY 101 and MAT 100 or permission of the instructor. Cr 3.

### **PSY 224 Adolescent Development**

A systematic study of the behavioral and psychological development of the adolescent. The adolescent personality and problems of adjustment in relation to the family, the school and the community. Prerequisites: PSY 101 and 102. Cr 3.

### **PSY 232 Psychology of Adjustment**

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 101 and 102. NOTE: This course does not count toward major credit. Cr 3.

### **PSY 235 Psychology of Women**

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. NOTE: This course does not count toward major credit. Prerequisites: PSY 101 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. Psychological, social, and biological factors which contribute to maladjustment are examined. Prerequisite: PSY 101 and 102. 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.

## **Sociology**

### **SOC 100 Introduction to Sociology**

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

### **SOC 200 Social Problems**

Application of a sociological frame of reference to selected contemporary issues. Guides the student toward an understanding of why and how issues develop, how particular social groups are affected by them, and what is involved in dealing with them. Prerequisite: SOC 100 or permission of instructor. Cr 3.

### **SOC 215 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 100 or permission of instructor. Cr 3.

### **SOC 380 Sociology of Violence**

This course will investigate the socio-cultural factors associated with various forms of human violence, both instrumental and expressive. Among the topics to be considered are: domestic violence, hooliganism, violent crimes and political violence, from terrorism to war. Prerequisite: SOC 100 or permission of instructor. Cr 3.

## **Social Work**

### **SWO 101 Introduction to Social Welfare**

Seeks to define a perspective within which to understand the needs, problems, and potential of humans as individuals and in groups. Describes and analyzes social welfare systems and social work practices as they currently respond to social needs, and as they might better facilitate the development of human potential. Cr 3.

### **SWO 361 Dynamics of Organizations**

Provides a series of concepts for the study and critical evaluation of the bureaucracies, professions, and consumers of social work and other services. Examines a range of approaches to rendering human services more responsive to client needs. This course is offered one semester each academic year. Prerequisite: SWO 352, SWO 354 or permission of instructor. Cr 3.

## **Theatre**

### **THE 101 Introduction to Drama**

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 120 Acting I—Fundamentals of Acting: Movement and Improvisation**

This is a practical course designed to introduce the student to basic procedures necessary to experience the creative process in acting. The course is designed to cultivate the student's sense of both physical and mental self by increasing his imagination, creative, and technical abilities. Course utilizes movement, sensitivity, mime, and improvisational exercises. Cr 3.

### **THE 121 Acting II—Fundamentals of Acting: Scene Work**

This is a practical course designed to introduce the student to basic skills of acting through stage movement, projection, characterization and scene work. Emphasis made on internal preparation by developing a role and on external techniques for projecting that role. Cr 3.

## **THE 170 Public Speaking**

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 399 European Drama: 1850-Present**

This course is a lecture-discussion course covering the period 1850 to the present. This course will address most of the influential dramas of that period. Cr 3.

## **Women's Studies**

### **WST 320 Earlier Women Writers**

This course will introduce the student to a wealth of major works by women writers. The purpose of the course is to examine selected texts as they reflected the demands of the male-dominated world of publishing and to examine those same texts as models of resistance to that world. Texts include *Emma* by Jane Austen, *Agnes Grey* by Anne Bronte and *Jane Eyre* by Charlotte Bronte. Cr 3

## **College of Education Undergraduate Education**

### **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**

An interdisciplinary approach to the study of the learning process. Explores origins and domains of learning theories. Analyzes how major theories view the learning process. Applies theoretical content to motivation, concept development, classroom management, methodology and evaluation. Prerequisites: EDU 100 and HRD 333 (or concurrent). Cr 3.

## **EDU 305 Teaching Elementary School Mathematics**

The content of 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 modes of instruction, and exploring ways to enrich the curriculum. Prerequisite: MAT 131. Cr 3.

## **EDU 308 Science for Children**

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

## **EDU 312 Teaching Language Arts in Elementary School**

Recent methods and materials basic to the teaching of communications skills. Topics include spelling, handwriting, listening, creative expression, oral and written reporting. Use of tapes, records, filmstrips, and contemporary language art books for the elementary school. 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. Cr 3.

## **EDU 322 Remedial Reading**

The course presents typical reading disabilities, including methods for diagnosing and planning corrective strategies. Consideration is given to methods and techniques appropriate for general classroom use. Prerequisite: a basic course in reading. Cr 3

## **EDU 336 Children's Literature**

This course emphasizes a creative, interdisciplinary approach to children's books, an understanding of the interests and developmental tasks of the child, and, by precept and example, methods of individualizing reading. The student will be expected to read children's books widely and in depth. Cr 3.

### **HRD 333 Human Growth and Development**

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

Cr 3.

### **HRDX 299 Adult Learning and Development**

The theory and practice of adult learning and adult development are explored through group participation, interaction and individual interpretation. Characteristics of adults as learners, life cycle stages, transitions, learning styles and self-evaluation of competencies are among the topics to be addressed. Cr 3.

### **PHE 102 Independent Activities**

This course will allow students to earn credit for doing physical education activities outside the University. Students may select any activity which can be done independently or may enroll in a structured program, such as Y classes, aerobic dance classes, etc. Instructor permission required.

Cr 1 or 2.

### **PHE 242 Experiential Education—The Outward Bound Experience—Hurricane Island Outward Bound School (Summer)**

The course has two major parts: (1) training period and (2) final expedition. During the training period students are instructed and participate in sail theory, navigation, seamanship, first aid, rock climbing, camping skills and environmental awareness. The final expedition is designed to allow the student an opportunity to demonstrate the application of each newly learned skill. All students will participate in a solo, (an experience of isolation in a natural environment, designed for self reflection.) In addition, the mission of Outward Bound is to develop respect for self, care for others, responsibility to the community and sensitivity to the environment. Fee course. 10-day program.

Cr 3.

### **PHE 343 Experiential Education—The Outward Bound Experience—Hurricane Island Outward Bound School (Summer)**

The course has two major parts: (1) training period and (2) final expedition. During the training period students are instructed and participate in sail theory, navigation, seamanship, first aid, rock climbing, camping skills and environmental awareness. The final expedition is designed to allow the student an opportunity to demonstrate the application of each newly learned skill. All students will participate in a solo, (an experience of isolation in a natural environment, designed for self reflection.) In addition, the mission of Outward Bound is to develop respect for self, care for others, responsibility to the community and sensitivity to the environment. Fee course. 26-day program.

Cr 6.



### **PHE 353 Teacher Training—Experiential Education—Hurricane Island Outward Bound School**

A 28-day course for educators designed to blend the lessons of experiential education with more traditional forms of learning. Students will participate in a sailing expedition with instruction in developing teaching styles, methods of experiential education in inside/outside the classroom, improving student/ teacher relationship and leadership training. Fee course. 28-day program.

Cr 6.

## **Graduate Education**

### **Resource Courses**

#### **EDU 600 Research Methods and Techniques in Professional Education**

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 699 Assessment of Reading**

The course addresses the issues of evaluation from the perspective of the reading-oriented educator and practitioner, including the basic concepts of measurement that must be mastered in understanding the language and science of evaluation. An additional goal is to explore issues and problems of particular concern to be reading specialists, including evaluation of the reading curriculum, appropriate and inappropriate use of testing instruments, test validity, program validity, test reporting, competency testing and other issues of concern to the field of reading.

Cr 3.

### **Human Resource**

#### **HRD 502 The Family: Implications for Educators**

This course is designed to review selected topics in the area of family life that are relevant to educators. The course will provide an multidisciplinary overview of major theories of family behavior, precursors to marital and family life, and the variability of family life across the life span. Consideration will be given to such issues as parenting styles, sibling relationships, effects of divorce, single-parent families, blended families, family violence, and substance abuse, abuse, and dependence within the family.

Cr 3.

#### **HRD 604 Life Span Development I**

Examines the processes underlying growth, development and behavioral changes of humans from conception through adolescence. The interaction of biological, cognitive, and psychological development during these earlier stages of the life span.

Cr 3.

#### **HRD 605 Life Span Development II**

Examines the processes underlying growth, development, and behavioral changes of humans from young adulthood through old age to death. The interaction of biological, cognitive, and psychosocial development in adulthood.

Cr 3.



### **HRD 607 Introduction to School Guidance Services**

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. Cr 3.

### **HRD 619 Seminar in Rehabilitation**

This course is designed for advanced students in rehabilitation and for practicing rehabilitation counselors. The seminar provides an overview of rehabilitation practice, with an emphasis on problematical issues. Topics may include casework management, vocational evaluation, administrative issues, and utilization of community resources. Prerequisite: permission of the instructor. 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 626 Group Process and Procedures**

The course focuses on the understanding of basic principles of group development and the recognition of the dynamics of group interaction. It also focuses on the improvement of personal interaction processes and their application to other group settings. Open to matriculated graduate students only. Cr 3.

### **HRD 627 Group Counseling**

This course is an extension of basic knowledge and practice in the fundamentals of group dynamics. Emphasis will be on the development of concepts, attitudes, and skills necessary to understand and lead counseling groups in a variety of settings and on the development of a deeper sense of how each participant intervenes in a group. Prerequisite: HRD 626 or equivalent. Cr 3.

### **HRD 633 Managing Adult Education and Human Resource Development**

This course examines the administrative and leadership skills necessary for the development and management of units such as adult education centers, continuing education offices, and training and staff development departments in profit and nonprofit organizations. Particular attention is given to the development of mission statements, the use of advisory boards, community needs assessment approaches, developing goals and objectives, program development, personnel management, and the development of a management style. Cr 3.

### **HRD 645 Gerontology and Adult Education: A Summer Institute**

See Institutes for Educators section of this catalog

### **HRD 665 Psychological Measurement and Evaluation**

This course focuses on group tests and related measurement techniques. The course content will include a review of the history of testing, current issues, fundamental statistics for understanding and evaluating tests, a review of selected aptitude, intelligence, achievement, interest and personality tests. In addition, other standardized and non-standardized evaluation measures will be reviewed. Cr 3.

### **HRD 670 Career Development and Occupational/Educational Information**

This course will focus on the process of career development. Work will be addressed as an activity which has a primary impact on our lives. Career development will be examined as a process which continues throughout the life span. Different theories of vocational choice will be examined and various methods of assessing vocational interests and aptitudes will be explored. Special populations such as: disabled, displaced homemakers, and elderly will be discussed. The overall emphasis of the course will be to explore with participants career development strategies used in school and community settings. Cr 3.

### **HRD 673 Perspectives on Chemical Dependency**

This course will focus on the overall dynamics of chemical dependency and will serve as an introduction to understanding the various stages, processes, and effects of such additions. Specific topics will include social and psychological dynamics of chemical dependence and co-dependency, including family, peers, and co-workers. The roles which professional educators, human service workers, and other social helpers play in prevention, early intervention, and the various approaches to recovery and aftercare will be considered in depth. Prerequisites: None. 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 3 to 12 credit hours and is a post-practicum (HRD 690) experience. Prerequisite: approval of the supervising professor. Cr 1-6.

### **HRD 687 Internship in Adult Education**

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 1-6.

### **HRD 690 Individual Counseling Practicum**

This course is an intensive supervised experience in applying professional knowledge and skills to the practice of counseling with individuals. Role playing, video tapes, audio tapes and demonstrations are used in helping each student develop an integrated counseling style. Prerequisite: approval of the supervising professor. Cr 3.

### **HRD 698 Directed Study in Human Resource Development**

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

Cr 1-3.

### **HRD 699 Independent Study in Human Resource Development**

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

Cr 3.

### **HRD 664 Culture, Tradition and Lifecycle**

This course focuses on the role of cultural and traditional influences in growth, development and behavior from childhood through adolescence, youth, adulthood and elderhood. This course surveys the theoretical issues and cross-cultural research and then takes a close look at the traditions of the most prominent ethnic groups in northern New England and how they can influence attitudes toward growth potential. This course is particularly suited for counselors, educators and other professionals working in minority or ethnic settings.

Cr 3.

### **HRDX 614 Use of Vocational Evaluation in Rehabilitation Counseling**

This course is designed to enhance the effective use of vocational evaluation in rehabilitation planning with emphasis on the role of the rehabilitation counselor. Client selection, formulation of referral questions, critique of evaluation results and the use of the evaluation report for

planning are topics to be discussed. The class will also examine the fundamentals of evaluation tools and techniques such as psychometric tests, work samples, job analysis, situational assessments and behavioral observations. Field experiences and classroom review of selected evaluation procedures will be used.

Cr 3

### **HRDX 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.

### **HRDX 696 Counselor Supervision**

This course is designed to assist professionals who are responsible for the supervision of counselors in various settings. Both clinical and program/administrative supervision will be addressed. Competencies will focus on the knowledge base, intervention techniques and human interaction skills needed to provide quality supervision.

Cr 3.

### **Educational Administration**

#### **EDU 670 Introduction to Administration**

Required first course for all master's degree candidates in educational administration. The course introduces theories of administration and provides each student with a diagnostic data to conduct a needs assessment as the basis for planning a personalized program of study. Prerequisite: admission to educational administration graduate program.

Cr 3

#### **EDU 671 Organizational Behavior**

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 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 679 Evaluation and Supervision of School Personnel**

The course considers the underlying concepts and principles of evaluating school personnel. Readings, lectures, discussions, and simulated activities focus on a variety of evaluation models and strategies which facilitate the appraisal of administrators, teachers, and supporting staff. Attention is directed to how personnel evaluation affects program evaluation. Prerequisite: admission to educational administration graduate program and/or hold a master's degree.

Cr 3.

### **EDU 680 Staff Development**

Designed for students nearing completion of the educational administration program. Concepts from previous courses are integrated into a model for planning and action at the school building level. Organizational development functions of diagnosing, designing, developing, implementing, evaluating, organizing, and managing are integrated into an operational staff development program.

Cr 3

### **Exceptionality**

#### **EXE 601 Educational Programming for Exceptional Children**

An in-depth examination of learning, behavior patterns of exceptional students, and service delivery models. The course will include study of the learner's role in school, home, and community.

Cr 3.

#### **EXE 610 Emotional Disturbance-Theory and Practice**

Historical background, treatment alternatives, and provisions for educational service are discussed, along with an exploration of etiological considerations, and legislative mandates. Theoretical approaches and conceptual issues for working with such children are reviewed, and psycho-educational procedures explored.

Cr 3

### **EXE 620 Learning Disabilities—Theory and Practice**

An examination of the nature and characteristics of children with learning disabilities. The course will include the study of specific learning disabilities encountered in children, historical perspectives and future trends; and the roles of educators, parents, and auxiliary personnel in diagnosis, prevention, and remediation. Cr 3.

### **EXE 622 Advanced Methods—Learning Disabilities**

This course will focus on diagnostic techniques and remedial strategies in working with children with learning disabilities. Assessment techniques, curricular strategies, and prescriptive approaches will be studied with a focus on prevention and remediation of learning disabilities. Cr 3.

### **EXE 648 Curriculum for the Hearing Impaired**

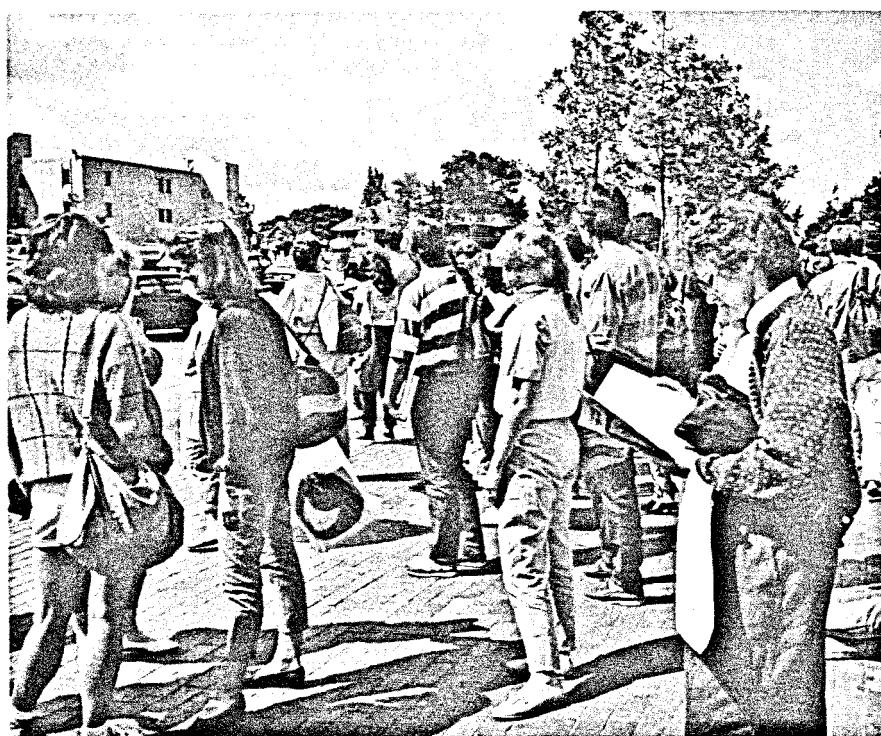
This course is designed to prepare teachers of the hearing impaired to develop, design, adapt, and implement developmental curriculum approaches and materials in classrooms for the hearing impaired. The course will cover the relationship of cognitive and conceptual development to curriculum procedures and choice of materials. Selection and adaptation of materials (especially in content areas) will be covered as well as adaptation for mainstreamed students. Techniques for integrating language and speech instruction in curriculum areas will also be covered. Cr 3.

### **EXE 653 Assessment in Special Education**

Numerous tests in the areas of intelligence achievement, perceptual motor skills, adaptive behavior, and behavior will be examined. Students will work with children in their area of specialization. The course emphasizes assessment, teaching, and development of educational programs and strategies. Cr 3.

### **EXE 664 Gifted Students in Special Populations**

This course is for individuals responsible for identifying and serving gifted students from special populations. These populations include underachievers, females, culturally diverse and/or economically deprived, rurally isolated, bilingual, artistic, creative, impaired, and highly gifted. Cr 3.



### **EXE 682 Special Education Law; Conflict and Resolution**

Laws relating to the education of exceptional students and recent judicial decisions will be discussed. Methods of conflict resolution, including mediation, will be presented. 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 696 Secondary Practicum/Seminar**

The Secondary Practicum is a field-based course designed to provide experience in service delivery to secondary special education students. Participants will devote a minimum of 12 weeks at an approved practicum site and will attend regularly scheduled seminars. The field

experience includes student observation, practice teaching and visitations to other community-based programs. The seminars are planned to aid students in integrating and synthesizing research related to transitional services to handicapped students. Cr 3.

### **Instructional Leadership**

#### **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 teachers and school and central office administrators with an understanding of what curriculum and curriculum development are. The perspective of this class will differ with some of the existing curriculum and curriculum development concepts presently in vogue in schools. The perspective emphasizes the realities of present classroom conditions but pushes for concepts and processes that will develop a general common education for all students. Cr 3.

**EDU 610 Seminar I: Critical Issues in Teaching and Learning**

As the initial course of the Instructional Leadership Program, this seminar 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, thus, contributing the skill in making decisions about curriculum and pedagogy. Cr 3.

**EDU 611 Seminar II: Contexts for Teaching and Learning**

This second seminar of the Instructional Leadership program builds on the work done in Seminar I. This course will continue to develop each student's inquiry processes—ways to identify, classify, and analyze problems and to create alternatives for them. This course develops another aspect of inquiry—the analysis, understanding and creation of teaching and learning settings (contexts). These contexts then constitute the focus of this course. Cr var.

**EPD 503 Arts Education Institute**

See Institutes for Educators section of this catalog

**EPD 511 Middle School Institute**

See Institutes for Educators section of this catalog

**EPD 553 Institute on Identification of the Gifted**

See Institutes for Educators section of this catalog

**EPD 554 Teaching Strategies for Encouraging the Gifted/Talented**

See Institutes for Educators section of this catalog

**EPD 555 Computers and Education for the Gifted**

See Institutes for Educators section of this catalog

**EPD 572 Hearing Impairment Institute: Oral/Aural Development**

See Institutes for Educators section of this catalog

**EPD 573 Adminstrating Programs in Special Education**

See Institutes for Educators section of this catalog

**EPD 529 Economic Education for Teachers**

See Institutes for Educators section of this catalog

**EPDI 530 Storytelling**

See Institutes for Educators section of this catalog

**EPDI 538 Teaching for Social Responsibility**

See Institutes for Educators section of this catalog

**EPDI 541 Early Childhood Institute: Teaching the Whole Child**

See Institutes for Educators section of this catalog

**Reading****EDU 510 Developing the Composition**

A course in language arts emphasizing 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 513 Adolescent Literature**

This course is designed for the middle or secondary teacher who wishes to develop a deeper understanding of literature for adolescents and who needs to learn how to help young people read widely. Attention will be given to dynamics of adolescence, individualizing reading, standards of selection, and creative methods of introducing books. Students are expected to read approximately 30 books from primary sources as well as textbook material. Cr 3.

**EDU 514 Teaching Reading in Content Areas**

This course explores techniques and processes that can be applied by content teachers to improve reading ability. Emphasis is on skills that must be applied by students in the content areas and strategies for teaching them how to apply them—a process of integrating the teaching of reading/study skills while teaching a subject matter. The course has practical application for all classroom teachers in grades 4 through 12. Cr 3.

**EDU 529 Reading Clinic**

Clinical experiences requiring 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. Cr 6.

**EDU 621 Reading Remediation**

Diagnostic and instructional techniques are related to learners of all ages. Case studies are used to explicate and match the stages of reading progress to developmental, corrective, and remedial situations. A functional knowledge of working with disabled readers in a classroom setting is emphasized. Issues and research, clinical observations and methods which can be used to cope with individual problems are stressed. Prerequisite: EDU 620. Cr 3.

## School of Business, Economics and Management

**Accounting****ACC 201 Principles of Financial Accounting**

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 is designed for non-accounting majors. It 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, an introduction to the study of business law, includes a thorough survey of the preparation for and conduct of a civil lawsuit, a brief discussion of criminal law, and a broad overview of contracts, agency, negotiable instruments, partnerships, corporations, secured transactions, labor law, and bankruptcy. This course is intended to provide a broad overview of business law and the Uniform Commercial Code. 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: ECO201, ECO202, ACC 201, ACC 202 or ACC 301, MAT 110, MAT 211, MAT 212, and junior standing. Cr 3.

### **BUS 327 Investment Management**

Provides the planning and management of investment programs for all types of investors. 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: BUS 320. Cr 3.

### **BUS 340 Principles of Management**

A comprehensive survey of all phases of management in public and private sectors. The influences of human, social, and political factors are interspersed with the treatment of management's structural and technical processes. Analyses focus on such themes as planning, decision making, organizational design, supervisory skills, communications, and information systems. Prerequisites: ECO201 and ECO202, and junior standing. Cr 3.

### **BUS 349 Women in Management**

For both men and women in business, education, and other work settings. It explores the changing business and organizational environment created by the increase of women in professional and managerial positions. The course examines theoretical concepts pertaining to women in management. Both women and men who are or aspire to be managers will benefit from this course. Prerequisites: BUS 340, junior standing and completion of admissions requirements for majors. Cr 3.

### **BUS 360 Marketing**

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, ECO 201, ECO 202, BUS 290, MAT 110, MAT 211, and junior standing. Cr 3.

### **BUS 363 Advertising**

Students will explore the evolution of advertising; forms and medium used and their relationship to the product, the climate, the target market, all within the framework of the marketing concept. Prerequisite: BUS 360, junior standing and completion of admissions requirements for majors. Cr 3.

### **BUS 395 Cooperative Education/ Internship—Business Administration I**

The student has the opportunity to relate academic knowledge to practical experience in the business world. The University can make arrangements with certain institutions and/or industries to employ students to fill specific jobs on a

semester basis. The student's work is in a related field, and the work experience increases in difficulty and responsibility as the student progresses through the academic curriculum. The work experiences are approved in advance by the director. Open to first- and second-semester juniors and seniors in the School of Business, Economics, and Management with permission. Cr 1-5.

### **BUS 396 Cooperative Education/ Internship—Business Administration II**

Open to second-semester juniors and seniors in the School of Business, Economics and Management with permission. Prerequisite: BUS 395. Cr 1-5.

### **BUS 397 Cooperative Education/ Internship—Business Administration III**

Open to seniors in the School of Business, Economics and Management with permission. Prerequisite: BUS 396. Cr 1-5.

### **BUS 450 Business Management and Policy**

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. 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 610 Managerial Economics**

The application of economic analysis to the management of business enterprises. Designed to develop the student's ability to understand some of the important economic concepts and tools relevant to making decisions within a business firm. Particular attention is given to the use of interest and cost gradient tables, annual cost and present worth analysis, rate of return analysis, economic life, replacement economy cost minimization, and the impact of taxes upon a decision. Prerequisites: MBA 501, MBA 502, MBA 503, MBA 504, MBA 505. Cr 3.



### **MBA 660 Marketing Management**

This course is organized to give the graduate student an opportunity to develop and test, through the case method, a number of marketing policies and strategies. Furthermore, the student will read and discuss the current literature in the field of marketing, reviewing current marketing practices and predictions for the balance of the century. Prerequisites: MBA 501, MBA 506-B.

Cr 3.

### **MBA 670 Operations Research**

A survey of commonly used models and analytical techniques in sophisticated quantitative-management-decision-making. Mathematical models are developed and applied, with the computer's aid, in a wide range of real-world business situations. Topics include: queuing theory, decision analysis, inventory theory, simulation, Markov analysis, classical optimization, mathematical programming forecasting, and network analysis. Prerequisites: MBA 610. Cr 3.

### **MBA 699 Advertising**

This course will discuss the theories and practices of advertising, sales promotion and public relations as related to the marketing program. It includes promotional planning and strategy, program integration and effectiveness and relevant communication concepts. The course will give students an introduction to the procedures and techniques involved in advertising, reseller support, and publicity so that they can understand, plan and develop promotion campaigns. Cr 3.

### **Associate Business**

#### **ABU 101 Principles of Economics I**

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

#### **ABU 111 Principles of Accounting I**

An introduction to the accounting cycle, working papers, and financial statements. A practical emphasis on accounting methodology with coverage of inventory control, cash control, depreciation of plant assets and payroll. Cr 3.



#### **ABU 112 Principles of Accounting II**

A study of the procedures of accounting for owner's equity, long-term investments and the cost of manufacturing goods. The proprietorship, partnership, and corporation accounting techniques are developed in a practical approach. Prerequisite: ABU 111 (not for SBEM baccalaureate students). Cr 3.

#### **ABU 190 Introduction to Computers in Business**

This course provides an introduction to the use of computer technology within business applications. IBM compatible microcomputers are the primary equipment used. Applications include word processing, data management, spreadsheets, graphics, communications, and the use of these in integrated problem solving. In addition, a general background on the role of information systems within organizations, current technology trends, ethical issues, and social considerations are discussed. Prerequisite: MAT 010 Cr 3.

#### **ABU 220 Business Finance I**

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 and ABU 112. Cr 3.

#### **ABU 221 Principles of Real Estate**

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**

Provides the planning and management of investment programs for all types of investors. 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 240 Principles of Management**

A comprehensive survey of all phases of the management of industrial and business enterprises. The influence of industrial relations is interspersed with the treatment of management's technical problems. Prerequisites: ABU 101, ABU 102. Cr 3.

#### **ABU 260 Marketing**

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

#### **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 201 Principles of Economics I**

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 202 Principles of Economics II**

A theoretical analysis of the firm and its role in the transformation of scarce economic resources into the goods and services demanded by consumers. Special attention is focused on the development of a market mechanism for the exchange of goods, services, and resources within a capitalistic economy. Topics discussed include consumer preferences and consumer behavior, production theory and production costs, the monopoly firm, and resource pricing. Cr 3.

### **ECO 299 U.S.S.R. Economic and Social System**

This course will be centered around a 19-day visit to the Soviet Union during which the students will visit the cities of Moscow, Baku, Tbilisi, and Leningrad. The objective of the course is to provide the students with an understanding of the economic, social, and to some extent, political institutions of the U.S.S.R. via lectures, readings, discussions and visits to Soviet economic institutions, and meetings with Soviet counterparts. Cr 3.

### **ECO 302 Microeconomic Analysis**

Price, income, and employment theory as tools in the study of economics. Prerequisites: ECO 201, ECO202, and junior standing. Cr 3.

### **ECO 399 01 U.S.S.R. Economic and Social Systems**

This course will be centered around a 19-day visit to the Soviet Union during which the students will visit the cities of Moscow, Baku, Tbilisi and Leningrad. The objective of the course is to provide the students with an understanding of the economic, social, and to some extent, political institutions of the USSR via lectures, readings, discussions and visits to Soviet economic institutions, and meetings with Soviet counterparts. A paper will be required on some aspect of the Soviet economy which aroused the student's interest. 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**

#### **NUR 304 Transition to Professional Role**

Utilization of the nursing process is emphasized to assist individuals, families and groups to promote, maintain and restore health. Concepts and selected theories provide a basis for understanding the factors which facilitate and/or inhibit the growth and development of human beings. Cr 5.

#### **NUR 305 Nursing Process II**

This course utilizes the nursing process in promoting, maintaining and restoring the health of individuals and families experiencing short-term alterations which do not significantly disrupt potential but do require nursing and/or other intervention. Didactic classes build on the student's foundation in pathophysiology, and provide the theory necessary for implementation of nursing skills in the clinical laboratory. Prerequisites: NUR 300, BIO 345. Concurrent: NUR 302, NUR 355. Cr 3.

#### **NUR 309 Total Health Assessment**

The purpose of this course is to develop the knowledge and skill necessary to conduct an in-depth bio-psychocultural assessment of an individual. Emphasis will be placed on data collection through development of communication, interviewing, history-taking and physical examinations skills. Cr 3.

## **NUR 355 Nursing II Laboratory**

The laboratory and clinical experiences give the students an opportunity to practice and to apply affective and psychomotor skills. Experiential learning will be guided by faculty in both the learning resource laboratory and in selected clinical settings. Emphasis will be placed on the application of theory to assist individuals experiencing short term alternatives in health. The student will be given the opportunity to utilize family assessment skills and develop nursing diagnosis pertinent to the family. Must be enrolled in NUR 305 concurrently. Cr 4.

## **NUR 690 Thesis/Project Seminar**

A research seminar in which the student refines the thesis/project proposer. Cr 1.

## **Recreation and Leisure Studies**

### **REC 105 Lifeline: Walk/Jog**

Walk/Jog is a program designed for the sedentary person who, for one reason or another, is not in good physical condition. This aspect of Lifeline is essentially a routine of walking/jogging, calisthenics, stretching, and relaxation techniques. Exercise begins slowly and progresses each week. At the end of the ten weeks, one may elect to go into the intermediate program. Cr 1.

### **REC 106 Lifeline: Energy in Motion**

Energy in Motion is a free style aerobics program accompanied by contemporary music. The classes provide a variety of movements led by certified aerobics instructors. The program consists of an initial warm-up, floor exercises, cardiovascular conditioning, and a cool down period. Motion is designed to enhance aerobic conditioning, joint flexibility, muscular endurance and relaxation. Cr 1.



**REC 108 Lifeline: Aquatics**

Aquatics is a cardiovascular exercise program for those who prefer swimming. Non-swimmers may also participate, as many of the exercises can be performed in the shallow end of the pool. A combination warm-up/water calisthenics routine is followed by a peak exercise period where heart rates are elevated to improve cardiorespiratory endurance. The exercise session ends with a cool-down period of slow walking and swimming, and final stretch downs on the pool deck. Cr 1.

**REC 109 Lifeline: Weight Training**

Lifeline offers a combined weight training/aerobic conditioning program for men and women. The program is designed to teach proper conditioning techniques, increase muscular strength and endurance, increase flexibility, and increase cardiovascular conditioning. Students will utilize the Lifeline Bodyshop facility. Cr 1.

**REC 199 Basic Sailing and Seamanship**

An intensive one-week adventure in learning boating safety, sail handling, and navigation on board a sailboat in Casco Bay. Full navigation training in dead reckoning, loran, and celestial. Students live aboard the vessel learning all the basics of cruising seamanship and detailed chartwork. Research paper required. Cr 3.

**REC 216 Advanced First Aid and Emergency Care**

This course will cover the topics prescribed by the American Red Cross in their advanced first aid course, including respiratory 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 Small Boat Handling and Seamanship**

The objective of this course is to inform the student of several phases of boating. Information on purchasing, maintenance, and equipment are included with special emphasis on safety, rules, piloting and navigation. Cr 2.

**REC 219 Personal Fitness**

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.

**REC 279 Health and Fitness for Older Adults**

See Special Programs section of this catalog.

**REC 299 Advanced Sailing and Seamanship**

The principles of safety, seamanship, and navigation will be the focus of the course, but with additional responsibility for each student. The major differences between the Basic Sailing course and Off-Shore, or the Advanced Sailing course, are in the degree of complexity, responsibility and measurement of accomplishment. Basic ability is presumed in all students in the areas of sail handling and basic dead reckoning navigation. In addition, using both coastal piloting techniques and celestial navigation techniques, students will sharpen and extend their navigation skills. Students will stand four hour watches in responsible roles as navigator and sailing master. Cr 2.

## Public Policy and Management Program

**PPM 611 Economic Analysis**

Introduces students to fundamental economic concepts and illustrates their application in a wide range of public policy problems. The central theme is the usefulness and limitations of economic analysis in the public policy formation and evaluation process. Particular attention is paid to the theory of consumer behavior, markets and market processes, the nature and causes of market failure and strategies, and models for government intervention. Application exercises and case materials are drawn from a variety of substantive policy areas such as the agricultural price support system and government transfer programs. Previous background in economics, especially microeconomic theory, is most helpful. Cr 3.

**PPM 695 Independent Study**

Cr 3.

## School of Applied Science

**Applied Immunology****AIM 611 Cellular Immunology Laboratory**

Cr. 3.

**AIM 690 Immunology Journal Club/Seminar**

The Journal Club is intended to keep the participants current in immunology and to instruct them in the techniques of evaluating scientific literature critically and clearly presenting scientific information. The seminar, directed by faculty members responsible for the corresponding core course material and including outside lectures from among the affiliates as well as other academic institutions, will provide the student with an opportunity to discuss practical applications of the core lecture material. Cr 1 per semester.

**AIM 697 Independent Study**

Cr. 1-15.

**Computer Science****COS 160 Structured Problem Solving: PASCAL**

A study of problem-solving techniques and applications using PASCAL. This course is primarily for students with a computer science major or minor or a strong serious interest in computer science. Prerequisite: two years of high school algebra or equivalent. 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.

**Technology****ITP 210 Technical Writing**

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

**ITP 340 Quality Control Fundamentals**

An overview of fundamental concepts and principles of quality control. The course will cover techniques utilized from the simplest products test to process control engineering and will include incoming material control, inspection sampling, and quality control management. The course will cover practical application for installing quality control systems using actual case studies developed by participants. Cr 3.

**ITP 350 Conference Leading**

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.

**ITT 382 CAD/CAM Technology**

A study of computer utilization in the areas of designing, engineering, manufacturing, and documenting as they relate to production process. Emphasis on the utilization of computer-aided drafting and design (CADD) and computer-aided manufacturing (CAM) hardware and software. Lecture and lab. Prerequisite: ITT 281 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, consult your advisor.

**IEV 460 Independent Study in Vocational Education**

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.

**IEP 699 Independent Study****IEVI 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: ITP 370 and IEV 305. Cr 3.

**ITTI 440 Related Occupational Experiences**

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.

**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 with a maximum of five 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.

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

**Engineering****ELE 351 Fields and Waves**

Static electric and magnetic fields; field mapping; properties of dielectric and ferromagnetic materials; time varying fields, Faraday's law, Maxwell's equations; plane waves in dielectric and conducting media; calculation of the fields and other properties of common transmission lines. Prerequisite: MAT 350, PHY 123. Lecture 3 hrs. Cr 3.

# The Facts

## **Registration**

### **General Policies Related to Undergraduate and Graduate Registration**

**Audits** Students may register for courses on a noncredit basis. With a noncredit registration, the student may participate in classwork, but is not required to take examinations. A noncredit registrant should know, however, that state Departments of Education do not accept for certification or other purposes any course taken on a noncredit basis. An audit registrant is required to pay full tuition for the course.

**Certificate for Teachers** Certificates for teaching in Maine are issued upon completion of the necessary requirements in elementary, secondary education, or special fields by the State Department of Education in Augusta. You must contact the Department prior to registration to determine the appropriate selection of courses fulfilling such needs. It is important that each registrant know the grade and level of his or her grade certificate.

**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. Discussion with faculty members is not proper notification of change. In the case of a student withdrawal after completion of one-third of the course, 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 at the end of August. These grade reports represent the only notification to students of their performance in given courses.

Students who desire official documentation of work completed during a summer session must complete a Transcript Request form at the Registrar's Office. Transcripts will be updated with summer session work 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 \$2.00 for a single copy, plus \$1.00 for additional

copies ordered at the same time. 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 Advising and Academic Information Department. 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 Advising and Academic Information Department on the Portland campus.

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.

**Registration (Multiple Campus)** Students who wish to register for courses at other University of Maine System campuses in addition to courses at USM should contact the Registrar's Office or the Advising and Academic Information Department to complete the proper forms before registering.

**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**

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

**Advising** Academic advising, if necessary, is available through the Advising and Academic Information Department. The department provides academic advising to assist students in interpreting University curricula requirements and in making decisions regarding the appropriate selection of courses for which they may register.

Veterans' services are a responsibility of the department. Advice and certification regarding V.A. benefits, information on work/study, and tutorial assistance is available.

### **Undergraduate Registration Procedures**

**Undergraduate Registration (walk-in)** All students taking undergraduate courses may register in person at the Advising and Academic Information Department 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.

**Undergraduate Registration (phone-in, using VISA or MasterCard only)** Students may register by telephone for undergraduate courses only by calling the Advising and Academic Information Department at: 780-4408 or 1-800-492-0748 (within Maine). Please have your card number ready.

**Mail-in registrations for undergraduate courses are not accepted.**

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 approval has been granted by the appropriate advisor, dean, or director if necessary. **Exception:** Due to national accreditation standards, no MBA graduate courses may be taken by individuals not meeting the "1050 rule." Contact the MBA Program director for details on this restriction (780-4184).

**Graduate Registration (walk-in)** Walk-in registrations will be processed from March 14 through the Friday preceding the beginning of each session. The procedures are as follows:

1. Complete registration worksheet and secure the signature of the appropriate dean, director, or advisor.
2. Submit completed form to the appropriate dean or director's office.
3. Submit payment along with registration worksheet.

**Graduate Registration (mail-in)** Mail-in registrations will be processed March

1. Complete registration worksheet.
2. Mail completed form along with proper payment to the appropriate dean or director's office.

An incomplete registration worksheet or form received with partial payment will be returned to the student. Mail-in registrations must be received by the Friday preceding the beginning of each session.

Students who elect to register for a course after the Friday before the session begins must attend the first and/or second class meeting and complete registration forms no later than the second class meeting. *Early registration is encouraged to avoid disappointment. Some classes are traditionally filled early.*

**Graduate Admission** To be admitted to a graduate program, an applicant must have received a baccalaureate degree from an accredited college or university and must show promise of ability to pursue advanced study and research. All applicants, except those for the MBA program, are required to provide the

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.

**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.**

Date   -   -  

□ □ □ - □ □ - □ □ □ □

Name \_\_\_\_\_  
Last First Middle

\_\_\_\_\_-\_\_\_\_-\_\_\_\_ Social Security Number

<b>Home Address</b>					
Business or	Street	City	State	Zip	Telephone

Business or Local Address	Organization or Street	City	State	Zip	Telephone
------------------------------	------------------------	------	-------	-----	-----------

Course Schedule							Special Fees
Department	Number	Section	Session	Pass/Fail	Audit	Credits	
						<b>Total credits</b>	

☐ Married ☐ Single      ☐ Male ☐ Female      Birthdate --

I understand that upon registering for courses, I have incurred a financial obligation to the University of Southern Maine and that refund policies are outlined in the University catalog.

Date \_\_\_\_\_

# Tuition and Fees

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

## ***Tuition Charges Per Credit Hour***

<b><i>Undergraduate</i></b>	<b>\$ 53.00</b>
<b><i>Graduate</i></b>	<b>\$ 61.00</b>
<b><i>Law</i></b>	<b>\$104.00</b>

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

## ***Payment Procedures***

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

***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 \$5.00 fee is charged.

***Credit Cards*** The University accepts both MasterCard and Visa for payment of tuition and mandatory fees. No more than \$1,000 can be charged each semester and the minimum allowable transaction is \$25.00. Room and board charges cannot be paid by credit card.

***Third Party Payments*** A student must give Student Billing written authorization from the agency/employer prior to the date payment is due. No conditional payment offers will 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***

The charges assessed students who withdraw from the University are adjusted 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, 1987. 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.

# Accommodations and Dining

## On-Campus Accommodations

Living accommodations for Summer Session participants are available on the Gorham campus during the entire Summer Session program (May 9-August 12.) Rooms may be rented on a nightly basis or for the duration of a summer course. Students who desire accommodations should submit the *Housing Reservation Request* directly to the Residence Life Office to be certain of room availability. Full payment is required at the time of registration.

Housing rates are provided below. Residence hall furnishings include a bed, desk, study chair, closets, a chest of drawers, and overhead lights. Study lamps are not provided. All bathrooms are the community type and separate for men and women. Single rooms do *not* have private bathroom facilities. Pets are not allowed in the residence halls.

Health and fire safety regulations prohibit cooking or preparation of meals in residence hall rooms.

### Housing Rates

#### Daily Rate

	No Linen	Limited Linen*
Single	\$10.75	\$13.00
Double	\$8.25	\$10.50

#### 5-Day Weekly Rate

(Sunday night-Thursday night)

Single	\$53.75	\$65.00
Double	\$41.25	\$52.50

With the 5 Day Rate all personal belongings must be removed from the room by 12:00 noon on Friday.

### 7-Day Weekly Rate (Sunday-Saturday)

Single	\$75.25	\$91.00
Double	\$57.75	\$73.50

\*Linen left in room, beds not made, no exchange during stay. Linen includes 2 sheets, 1 pillowcase, 1 face cloth, 3 towels, cup, soap, blanket, pillow.

*Special Rentals:* desk lamps, fans, and refrigerators may be rented for a weekly fee on a limited basis. Refrigerator rental requires a refundable deposit of \$25.00.

For more information, contact Residence Life at 780-5240.

## On-Campus Dining

The University offers meals and/or snacks at reasonable prices on both campuses. The cafeterias on both campuses will be open Monday-Friday, 7:30 a.m.-1:30 p.m., serving both breakfast and lunch. The Gorham Dining Center will serve a dinner meal from 5:00-6:00 p.m., beginning June 27.

## Off-Campus Dining, Lodging and Camping

For information regarding off-campus dining, lodging, and camping availability, contact: Maine Publicity Bureau, 142 Free Street, Portland, Maine, 207/772-2811; or the Chamber of Commerce.



## 1988 Summer Session Housing Reservation Request

(Please print or type all information)

FOR OFFICE USE ONLY

Processed: ☐ SNG ☐ DBL ☐ NL ☐ LL ☐ FL

Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State/Zip \_\_\_\_\_

Telephone (home) \_\_\_\_\_ (business) \_\_\_\_\_ Birthdate \_\_\_\_\_ Soc. Sec. No. \_\_\_\_\_

List any medical considerations that might affect room assignment \_\_\_\_\_

Type of room requested: ☐ single ☐ double Would you like a linen package ☐ yes ☐ no

Payment: \_\_\_\_\_ # of (nights/weeks) × \_\_\_\_\_ rate (daily/weekly) = \_\_\_\_\_

Total Enclosed \_\_\_\_\_

Name of preferred roommate (if applicable) \_\_\_\_\_ Date of arrival \_\_\_\_\_ Date of departure \_\_\_\_\_

Are you participating in an institute? ☐ yes ☐ no If so, what is the name of the institute? \_\_\_\_\_

**Send reservation request along with payment (make check payable to University of Southern Maine) to:**

Office of Residence Life, University of Southern Maine, 100 Upton Hall, 37 College Avenue, Gorham, Me. 04038 (207)780-5240



# Campus Resources and Services

## **Parking**

All faculty/staff and summer session student vehicles not previously registered for the 1987-88 academic year must be registered and display a valid decal.

Effective May 9, 1988, the vehicle registration fee will be \$3.00. All decals expire August 31, 1988.

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.-8:00 p.m.  
Friday 8:00 a.m.-4:30 p.m.  
Saturday 8:00 a.m.-4:30\*  
Sunday Closed  
\*May 9-June 24

### **Library Closed**

Memorial Day Weekend: May 28, 29, 30  
Independence Day: July 4

## **Media Services**

### **Portland and Gorham Campuses**

Monday-Friday: 8:00 a.m.-4:30 p.m.  
All services available

Monday-Thursday evenings: as necessary to meet classroom equipment demands.

Weekend and other equipment needs to be filled by prior arrangement.

## **Health Services**

Limited health services are available during the summer months. The Gorham Office is located on the first floor of Upton Hall and the Portland Office is on the first floor of the gymnasium. A nurse practitioner or registered nurse is available from 8:00 a.m. 4:00 p.m., Monday through Friday. There is no physician coverage. A fee for services is charged and individuals are responsible for payment prior to leaving campus. For further information call Gorham, 780-5411 or Portland, 780-4211.

## **Advising and Academic Information Department**

The Advising and Academic Information Department provides academic advising and information services for students who are admitted "with conditions," undeclared majors, and non-degree (special) students. Veteran student services and the coordination of services for students who seek assistance with special needs due to a handicapping condition are also responsibilities of the department. For more information contact: Advising and Academic Information Department, 110 Payson Smith Hall, (207)780-4040.

## **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, 120 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 that satisfy requirements for many associate and baccalaureate degree programs are offered at a variety of times during the day and evening to accommodate both full- and part-time students. For more information, contact the center nearest to you.

Bath-Brunswick Center  
275 Bath Rd.  
Brunswick, Me. 04011  
(207)442-7070

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

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

## **Financial Aid**

USM degree candidates may apply for Guaranteed Student Loans (GSL) to help pay for summer attendance. Applicants must complete both a Financial Aid Form (FAF), to establish need, and separate loan application form. The FAF is available at the Student Financial Aid Office, Corthell Hall, on the Gorham campus; the Advising and Academic Information Department, Payson Smith Hall, on the Portland campus; and at all off-campus centers. Loan applications may be obtained from local lenders (banks, credit unions or savings and loan institutions). Since it takes five to six weeks for an FAF to be processed, students are encouraged to apply by February 26, 1988.

Students who will be completing degree requirements in August or January may be eligible for other types of assistance. For more information, contact the Student Financial Aid Office (780-5250).

## Division of Public Service

The Division of Public Service is responsible for the development, coordination, and support of all noncredit programming at USM. Among the units within the division offering programs during the 1988 Summer Session are the Department of Conferences, the Department of Continuing Education for Nursing and Health Professions, 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 fall, winter, and spring noncredit programs designed for adults who require courses with convenient times, lengths, and locations. Programs are taught by professionals who share their knowledge and skills while providing a practical approach to relevant subjects. The Department offers many certificate programs designed to expand and upgrade professional skills.

The Department of Community Programs is located at 68 High Street. Drop by and we'll be happy to answer your questions about upcoming fall courses, or call 874-6500. Office hours: 8:00 a.m. to 4:30 p.m.

Contact the Department of Community Programs to register for the following programs.

### MAR 104A Sailboat Racing Rules and Tactics

Wednesdays, beginning April 20  
Tuition: \$55.00

Though your boat may be in storage now, let your mind strategize for the first race of the 1988 season! Become aware of the rules of the U.S. Yacht Racing Union (USYRU) as they pertain to sailboats and tactical situations on the race course. Basic rules will be addressed: port and starboard, windward and leeward, rights and obligations of overtaking boats and rounding marks, antibarging provisions, and proper etiquette in handling protests. Special emphasis will be given to USYRU appeals

to illustrate the interpretation of the rules. This course presumes some racing knowledge and experience and serious sailors of all ages welcome. Accompanying films will whet your appetite for what's ahead.

### MAR 105 Casco Bay Educational Cruises

Friday, April 22, May 6, 13, 20  
5:30-8:00 p.m.; Saturday, April 30  
6:30 a.m.

Tuition: \$20.00 each session; \$90.00 entire series.

Enjoy some early spring evenings learning about our marine environment while cruising the waters of the Casco Bay. For these cruises, dress with an eye for the weather and bring warm clothing.

#### Cruise #1 The Working Waterfront

This cruise provides close-up encounters with tugs, trawlers, gill netters, lobster boats, barges, dry docks and cranes. Hands-on experience with an otter trawl allows participants to experience the hard working effects of the fishing lifestyle. We will demonstrate lobster fishing techniques as well.

#### Cruise #2 "Early Bird Special"... Bird Identification

Search for eagles, ospreys and hawks which frequent this locality at this time of the year. Learn basic bird identification and interesting facts about bird habitats, mating and nesting activities.

#### Cruise #3 Environmental Assessment

Use scientific instruments to gather abiotic chemical data involving such things as dissolved oxygen, salinity, and nitrates in the water column. Plankton, otter trawl and bottom samples will add

data of the living complement of the bay floor.

### Cruise #4 Lighthouses and Ship Piloting

Get an understanding of the navigational aids in the harbor, what they are and what they mean. You will hear about the roles and history of the different lighthouses and the naval and navigational history of the area.

### Cruise #5 Natural History Experiences

Observers on deck will acquire an appreciation for the harbor seals in their natural homes and the rookeries of herring gulls and eide ducks. Observers may see an osprey dive for a fish or perhaps see the harbor porpoises. The naturalist will identify and explain the ecology seen and how we all fit into nature's scheme.

### ANP 104A Visiting Portland's Galleries, Museums and Artists' Studios

Saturdays, beginning April 23  
10:00-4:00 p.m.

Encounter Portland's visual arts as you visit the known and lesserknown places where art is found and made. This course will involve you in the discovery of the visual art resources of the community. You will learn about painting, photography, sculpture and printmaking, as well as the local art scene. The focus will be on art produced today and how it is affected by art of the past. A talk by the instructor will provide background information prior to each day's visit to local galleries, museums and artists' studios.





### ***MUS 102A How to Play the Piano Despite Years of Practice***

Mondays, beginning April 25  
7:00-9:00 p.m.

Tuition: \$80.00

Learn how to play by ear! Participants will learn to understand how music is made so they can make their own. Using a proven method, they will soon see how to express themselves at the keyboard without time on scales or exercises.

### ***BUV 104A Mission Impossible: How to Start Your Own Business Right Now and Enjoy Doing It!***

Tuesday, beginning April 26  
7:00-9:00 p.m.

Tuition: \$65.00

Learn how to get past whatever seems to be in the way of starting a business right now. Develop a clear view of what kind of business you would like to start; create an organized action plan for starting that business now; and begin action toward making that happen. The program will cover: 1) defining what you want; 2) developing a plan to match your intentions; 3) acquiring information which will guide you in making realistic

decisions; 4) discovering resources and creating opportunity; 5) risks and how to take them; 6) money and what to do when you do not have it.

### ***HMO 103A Where to Live/Where to Invest***

Saturday, May 14 9:00 a.m.-4:00 p.m.  
Tuition: \$40.00/person; \$65.00/couple

An information-packed, one-day program for the first time home buyers and neophyte investors in today's hot real estate market. The day will begin with a discussion of consideration in buying, factors in determining market value; types of housing and relative market strength; growth trends and demographic patterns in Greater Portland. Next put on your walking shoes because you will be transported to several open houses for a chance to apply what you've learned, view and compare properties and ask questions of brokers. Finally, the instructor will help you pull all of the information together into buying strategies suited to your needs.

### ***MAR 106A The Ultimate Whale Watch***

Come aboard for a day of whale watching in mid-June. Besides the excitement of seeing the "gentle giants of the

sea," we'll have lectures, videos, music and a whale carving demonstration.

Whales typically seen include finbacks, minke, dolphins and the friendly humpbacks. Right and Sei Whales are also occasionally spotted.

### ***Lifeline***

The USM Lifeline Adult Fitness Program is 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.

### ***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 dur-

ing 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***

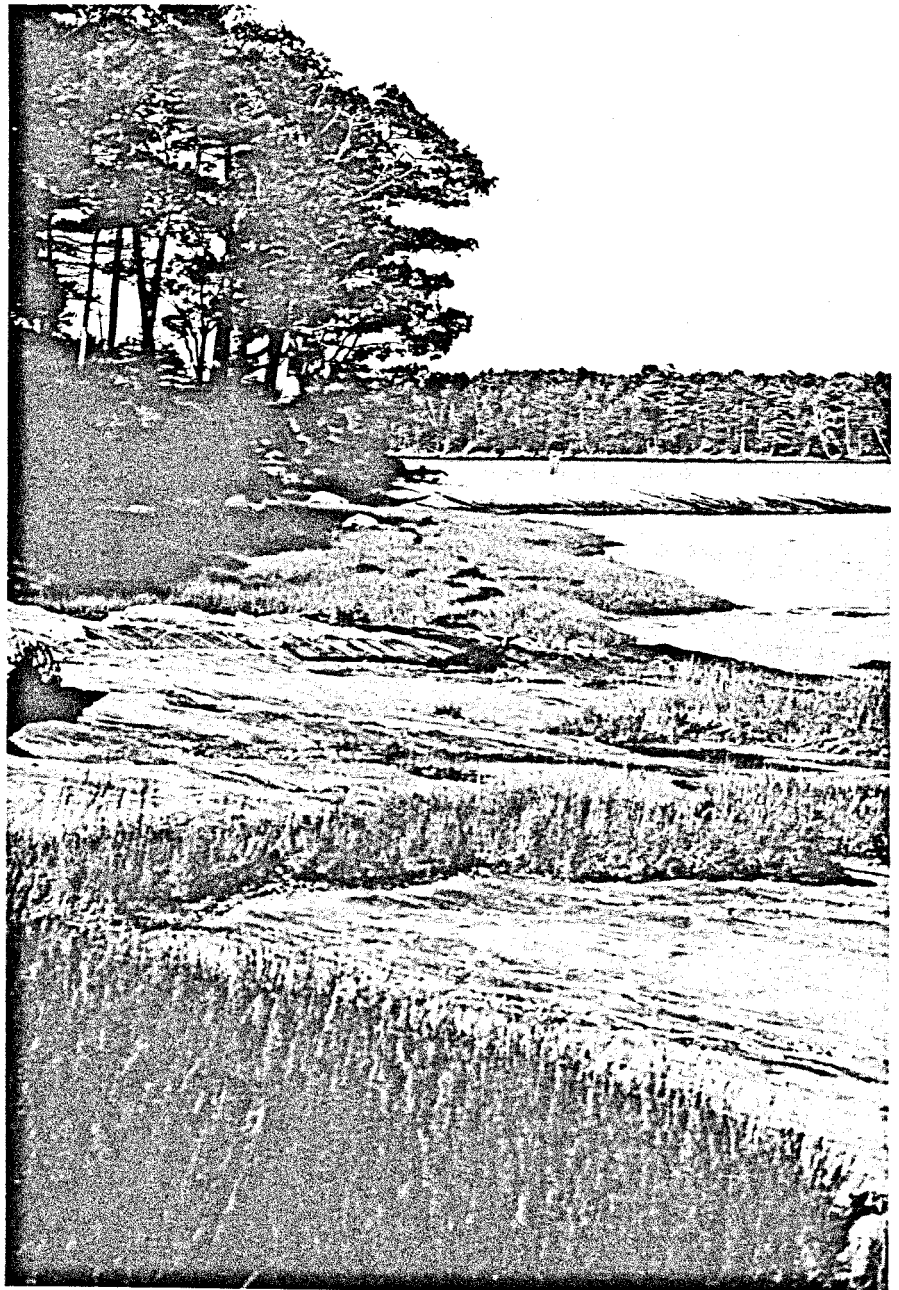
The Department provides noncredit programs to meet identified needs within and among southern Maine companies, nonprofit organizations, and government agencies. Intensive external involvement in the form of programmatic advisory groups insures that the Department's offerings are timely, relevant, and scheduled appropriately. These groups are also very active in the promotion of the Department and its various programs.

The Department's offerings address needs in management development, quality control, production and inventory control, executive housekeeping, and sales and marketing. Additional courses, seminars, and workshops are under development.

All of the Department's events can be made available for on-site delivery within organizations. We would be happy to discuss these programs or any other needs your organization may have. The Department telephone is 874-6510.

### ***Computer Resource Center***

The Department of Community Programs established the Computer Resource Center in the spring of 1985 to enhance and expand its computer education offerings in an effort to better accommodate the community of new and experienced personal computer users. Individual computer courses, contract training, the Certificate Program for Personal Computer Coordinators, and information services assist professionals, organizations, and the general public with their continuing needs. The Computer Resource Center is equipped with IBM-compatible computers and the latest in popular software.



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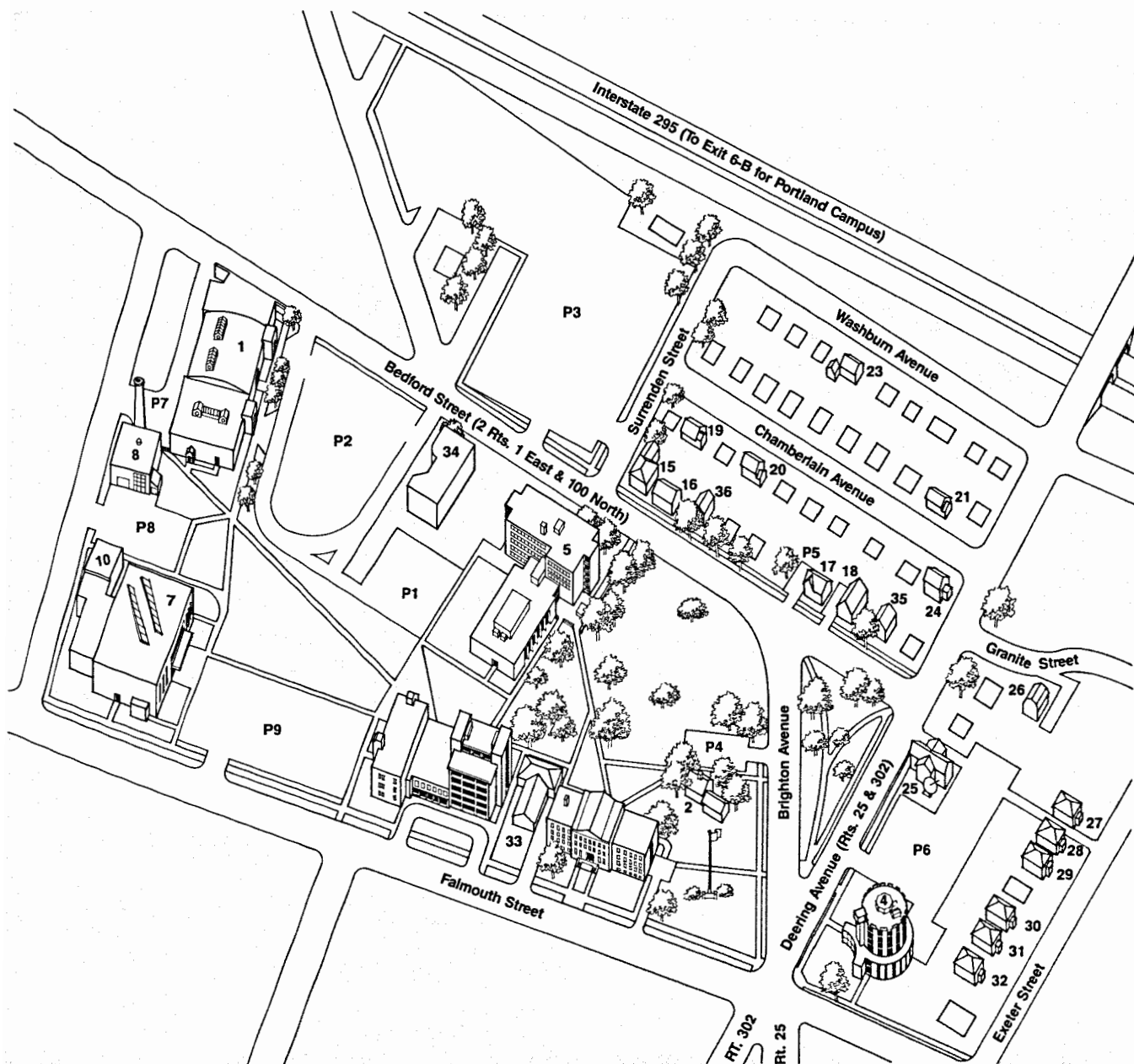
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## Portland Campus

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5. Luther Bonney Hall  
(Library)
6. Payson Smith Hall
7. Portland Gymnasium
8. Central Heating Plant
9. Science Building
10. Child Care
15. 92 Bedford Street

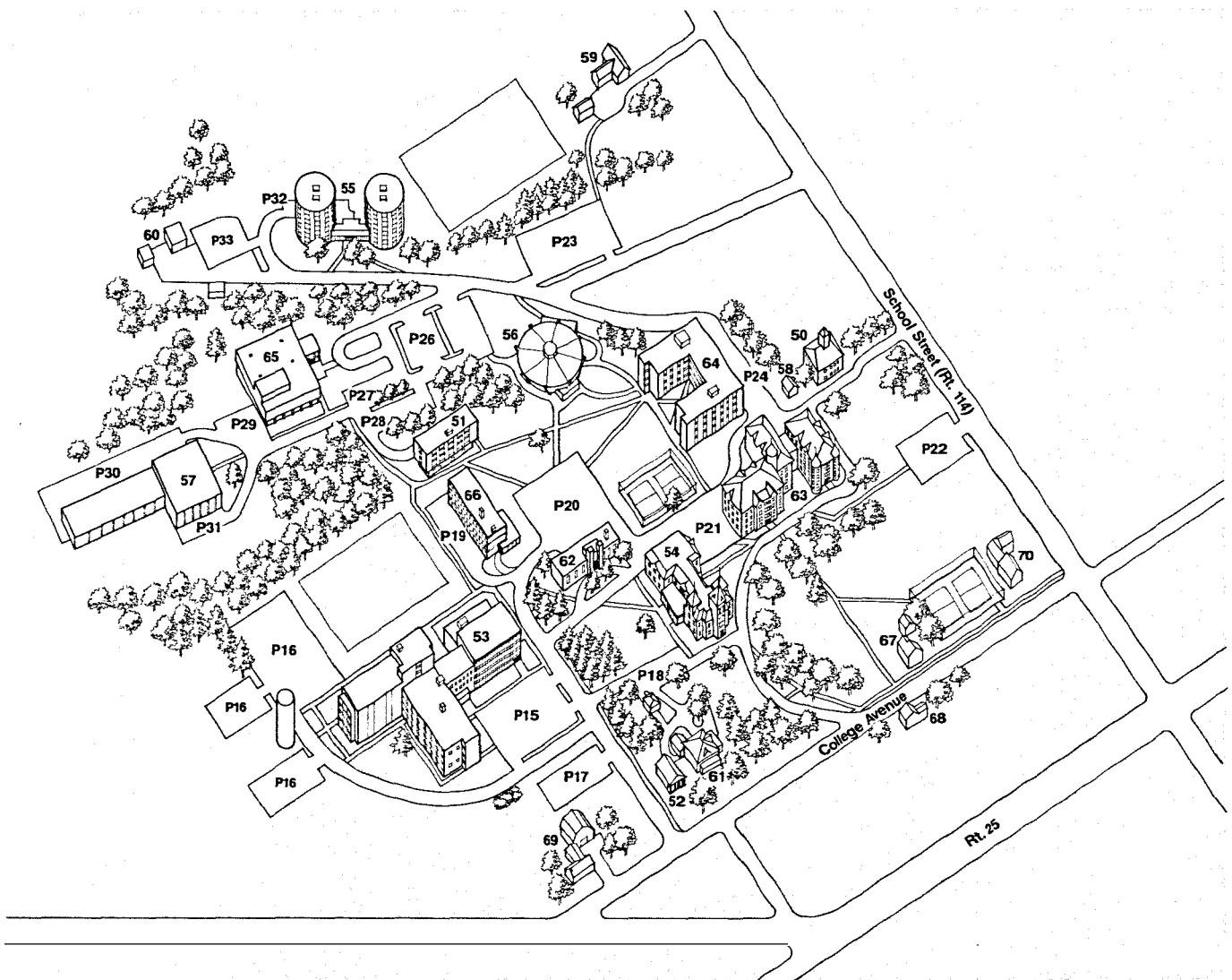
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17. 118 Bedford Street
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20. 15 Chamberlain Avenue
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24. 209 Deering Avenue
25. 228 Deering Avenue
26. 11 Granite Street
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30. 55/57 Exeter Street
31. 59/61 Exeter Street
32. 65 Exeter Street

33. West Hall
34. New Classroom Building
35. 126 Bedford Street
36. 102 Bedford Street

## Parking

- P2. Student Commuter
- P3. Student  
Commuter/Resident
- P4. Faculty/Staff
- P5. Faculty/Staff
- P6. Faculty/Staff/Visitor
- P7. Faculty/Staff/Student  
Commuter
- P8. Faculty/Staff
- P9. Faculty/Staff





## Gorham Campus

- 50. Academy Building
- 51. Anderson Hall
- 52. Art Gallery
- 53. Bailey Hall (Library)
- 54. Corthell Hall
- 55. Dickey/Wood Hall
- 56. Dining Center
- 57. Industrial Education & Technology
- 58. Mechanical Maintenance Shop
- 59. McLellan House
- 60. Central Heating & Sewerage Plants
- 61. President's House
- 62. Russell Hall

- 63. Robie/Andrews Hall
- 64. Upton/Hastings Hall (Bookstore)
- 65. Warren Hill Gym
- 66. Woodward Hall
- 67. 19 College Avenue
- 68. 24 College Avenue
- 69. 51 College Avenue
- 70. 7 College Avenue

## Parking

- P15. Faculty/Staff
- P16. Student Commuter
- P17. Faculty/Staff
- P18. Visitor
- P19. Student Commuter
- P20. Faculty/Staff

- P21. Faculty/Staff
- P22. Student Commuter
- P23. Student Resident
- P24. Student Resident
- P26. Student Resident
- P27. Faculty/Staff/Student Commuter
- P28. Student Resident
- P29. Visitor
- P30. Student Commuter
- P31. Faculty/Staff
- P32. Faculty/Staff
- P33. Student Resident







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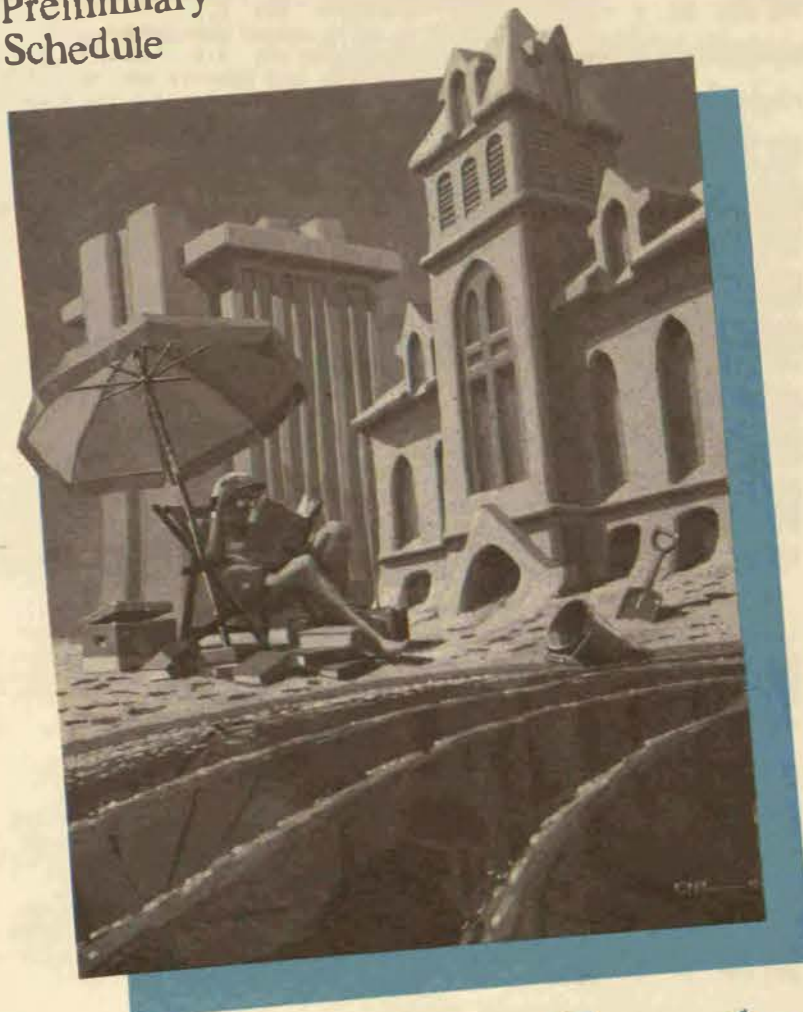
MULHALL, MICHAEL H.  
COLLEGE OF ARTS AND SCIENCE  
ENGLISH  
PORTLAND CAMPUS

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University  
of Southern  
Maine

Preliminary  
Schedule



*Summer Session*  
1988

*Build USM into  
your summer plans*

# *Summer Session*

## The Facts

### Registration

**Registration Begins March 14, 1988**

The University of Southern Maine is pleased to present its 1988 Summer Session schedule. The Summer Session is designed to meet the needs of degree candidates, as well as those taking courses for other reasons. For more information regarding the University of Southern Maine and its programs, contact the Advising and Academic Information Department, 780-4040.

### Undergraduate Courses

To register for undergraduate courses, contact the Advising and Academic Information Department in 110 Payson Smith Hall on the Portland campus or the Registrar's Office in 113 Corthell Hall on the Gorham campus. Students may also register at any of USM's off-campus centers (Bath: 442-7070; Saco: 282-4111; Sanford: 324-6012. Offices are open Monday through Friday, 8:00 a.m. to 4:30 p.m. Telephone registrations are accepted using MasterCard or Visa. Call 780-4408 or 1-800-492-0748.

### Graduate Courses

Students wishing to register for graduate courses must have the approval of the advisor and/or the dean or director in the school/college they wish to take courses. Students may then complete the registration process through the Advising and Academic Information Department or the Registrar's Office. Students interested in graduate education courses must contact the Graduate Education Office located in 408 Bailey Hall on the Gorham campus (780-5306).

### Tuition/Fees/Payment

Undergraduate Courses.....	\$53.00 per credit hour
Graduate Courses.....	\$61.00 per credit hour

Payment or arrangements for payment must be made at the time of registration. Please consult the 1987-88 USM catalog for other billing and refund policies.

### Accommodations and Dining

Housing on the Gorham campus is available at reasonable rates (\$10.75 single or \$8.25 double, no linen) beginning May 9. Meal plans are available, or breakfast and lunch may be purchased on an *a la carte* basis. For more information, contact: Residence Life, 100 Upton Hall, Gorham campus, 780-5240.

Child care services are available. For more information, call 780-4125.



Special Institutes

This summer, the University of Southern Maine will host a variety of special institutes. A few are listed below. For more information, contact the Office of Summer Session, 780-4076

- Stonecoast Writers' Conference
- Visiting Artists' Workshop
- Children's Art Workshop
- High School Science Seminar
- Children's Photography Workshop
- Physical Conditioning for the Athlete and Coach Institute
- Maine Sailing Adventure
- Sports Psychology Institute
- Summer Study Abroad—courses offered in the Soviet Union,
- Childhood Psychopathologies Institute
- Health and Fitness for Older Adults Institute

Session Dates

- Session 1 May 9–June 24 (7 weeks)
- Session 2 May 9–June 3 (4 weeks)
- Session 3 June 13–July 8 (4 weeks)
- Session 4 June 27–August 12 (7 weeks)
- Session 5 June 27–August 5 (6 weeks)
- Session 6 July 18–August 12 (4 weeks)
- Session 7 Variable

Holidays

- May 30 (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\*; course number; course section; session course is offered; course title; college; credit hours; time; days.

\*P=Portland campus; G=Gorham campus; SB=Saco Center; S=Sanford Center; BB=Bath/Brunswick Center; X=other off-campus location.

The University reserves the right to revise, amend, or change items in this brochure. The University also 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.

TOWN	COURSE	SEC	SESS NO	COURSE TITLE	COL	HRS	TIME	DAYS
College of Arts & Sciences								
ART								
G	AED 412	01	7	ART EDUCATION CURRICULUM	CAS	3.0	9:00– 3:00	MTWTH
THIS COURSE IS GIVEN JULY 25TH–AUGUST 4TH								
P	ARH 111G	01	6	HISTORY OF ART I	CAS	3.0	8:15–11:30	MTW
P	ARH 111G	02	1	HISTORY OF ART I	CAS	3.0	7:00– 9:40E	TTH
P	ARH 112G	01	4	HISTORY OF ART II	CAS	3.0	7:00– 9:40E	MTW
P	ART 101G	01	3	APPROACHES TO ART	CAS	3.0	8:15–11:30	MTW
G	ART 231	01	7	CERAMICS	CAS	3.0	8:30– 4:00	MTW
THIS COURSE IS GIVEN JUNE 27TH–JULY 24TH								
P	ART 259	01	7	LANDSCAPE DRAWING	CAS	3.0	8:30– 4:00	MTWTHFS
THIS COURSE IS GIVEN JULY 11TH–JULY 24TH								
P	ART 269	01	3	LANDSCAPE PAINTING	CAS	3.0	8:30– 4:00	MTWTH
G	ART 271	01	7	PHOTOGRAPHY	CAS	3.0	6:00– 9:30E	MTWTH
THIS COURSE IS GIVEN MAY 9TH–JUNE 19TH								
G	ART 299	01	7	2-D,3-D FIGURE STUDY	CAS	3.0	8:30– 4:00	MTWTH
THIS COURSE IS GIVEN JULY 25TH–AUGUST 12TH								
P	ART 363	01	2	PAINTING–WATERCOLOR	CAS	3.0	8:30– 4:30	MTW
G	ART 412	01	7	VISITING ARTIST WORKSHOP	CAS	3.0	8:30– 4:00	MTWTH
THIS IS A FEE COURSE. CONTACT R. MARASCO AT 780-5461.								
THIS COURSE IS GIVEN JULY 11TH–JULY 29TH								
G	ART 499	01	1	SCULPTURE:STACK,FLOAT,BND	CAS	3.0	4:00– 6:40	TTH
ARTS AND SCIENCES								
P	ARS 124I	01	5	COMPARATIVE RELIGION	CAS	3.0	8:15–11:30	MTW
BIOLOGY								
P	BIO 105K	01	1	ELEMENTS OF BIOLOGY	CAS	3.0	5:30– 8:00E	TTH
P	BIO 211	01	4	ANATOMY AND PHYSIOLOGY	CAS	3.0	4:00– 6:40	TTH
P	BIO 212	L1	4	ANATOMY & PHYSIOLOGY LAB	CAS	1.5	7:00–10:00E	TTH
P	BIO 281	01	1	MICROBIOLOGY AND DISEASE	CAS	3.0	8:15–11:30	MTW
P	BIO 282	L1	1	MICROBIOLOGY AND DIS LAB	CAS	2.0	8:15–12:30	TTH
G	BIO 441	01	7	INDEPENDENT STUDY	CAS	1–15.0		A
THIS COURSE IS GIVEN MAY 9TH–AUGUST 12TH								
CHEMISTRY								
G	CHY 161K	01	1	INTRO TO CHEMISTRY	CAS	3.0	7:00– 9:40E	MTW
G	CHY 102K	L1	1	INTRO TO LAB MEASUREMENT	CAS	1.0	5:00– 7:40	TTH
G	CHY 103	01	4	INTRO ORGANIC BIOCHEM	CAS	3.0	7:00– 9:40E	MTW
G	CHY 104	L1	4	INTRO ORGANIC BIOCHEM LAB	CAS	1.0	5:00– 7:40	TTH
P	CHY 113	01	1	PRINCIPLES OF CHEMISTRY I	CAS	3.0	8:30–10:00	MTWTH
P	CHY 114	L1	1	LAB TECHNIQUES I	CAS	1.0	12:00– 3:00	TTH
P	CHY 411	01	7	SPECIAL TOPICS	CAS	1– 3.0		A
P	CHY 412	01	7	SPECIAL TOPICS	CAS	1– 3.0		A
P	CHY 413	01	7	SPECIAL TOPICS	CAS	1– 3.0		A
P	CHY 414	01	7	SPECIAL TOPICS	CAS	1– 3.0		A
P	CHY 415	01	7	SPECIAL TOPICS	CAS	1– 3.0		A
P	CHY 416	01	7	SPECIAL TOPICS	CAS	1–15.0		A
P	CHY 490	01	7	SENIOR RESEARCH PROJECT	CAS	1–15.0		A
COMMUNICATION								
P	COM 102J	01	5	INTRO TO COMMUNICATION	CAS	3.0	8:15–11:30	TTH
P	COM 102J	02	1	INTRO TO COMMUNICATION	CAS	3.0	4:00– 6:40	TTH
P	COM 102J	03	4	INTRO TO COMMUNICATION	CAS	3.0	7:00– 9:40E	MTW
P	COM 150	01	1	BUSINESS COMMUNICATION	CAS	3.0	4:00– 6:40	MTW
P	COM 171	01	4	INTERPERSONAL COMM	CAS	3.0	7:00– 9:40E	TTH
G	COM 299	01	1	VIDEO PRODUCTION	CAS	3.0	4:00– 6:40	MTW
P	COM 299	02	4	FAMILY COMMUNICATION	CAS	3.0	4:00– 6:40	MTW
P	COM 299	03	1	WRITING FOR MEDIA	CAS	3.0	7:00– 9:40E	TTH
G	COM 340	01	2	SMALL GROUP COMMUNICATION	CAS	3.0	8:15–11:30	MTW
P	COM 394	01	4	THEORY OF FILM	CAS	3.0	5:30– 8:10E	TTH
P	COM 399	01	4	CONFLICT	CAS	3.0	4:00– 6:40	TTH
P	COM 399	02	1	WOMEN IN MANAGEMENT	CAS	3.0	4:00– 6:40	MTW
G	COM 430	01	2	INTERNSHIP	CAS	1–15.0		A
P	COM 485	01	1	SEX DIFFERENCES	CAS	3.0	4:00– 6:40	MTW
P	COM 485	02	1	SEX DIFFERENCES	CAS	3.0	4:00– 6:40	TTH
CORE CURRICULUM								
P	COR 118	01	2	NEW DIRECT IN ART & MUSIC	CAS	3.0	4:00– 6:55	MTW
CRIMINOLOGY								
P	CRM 215	01	2	CRIMINOLOGY	CAS	3.0	8:15–11:30	MTW
THIS COURSE IS CROSS-LISTED WITH SOC 215								

TOWN	COURSE	SEC	SESS NO	COURSE TITLE	COL	HRS	TIME	DAYS
ENGLISH								
P	ENG 100C	01	1	COLLEGE WRITING	CAS	3.0	7:00- 9:40E	MTW
P	ENG 100C	02	2	COLLEGE WRITING	CAS	3.0	8:15-11:30	MTW
P	ENG 100C	03	3	COLLEGE WRITING	CAS	3.0	8:15-11:30	MTW
P	ENG 100C	04	4	COLLEGE WRITING	CAS	3.0	4:00- 6:40	MTW
P	ENG 100C	05	6	COLLEGE WRITING	CAS	3.0	8:15-11:30	MTW
P	ENG 120H	01	1	INTRO TO LITERATURE	CAS	3.0	7:00- 9:40E	TTH
P	ENG 120H	02	2	INTRO TO LITERATURE	CAS	3.0	8:15-11:30	MTW
P	ENG 120H	03	3	INTRO TO LITERATURE	CAS	3.0	8:15-11:30	MTW
P	ENG 120H	04	4	INTRO TO LITERATURE	CAS	3.0	7:00- 9:40E	MTW
P	ENG 120H	05	6	INTRO TO LITERATURE	CAS	3.0	12:30- 3:45	MTW
P	ENG 120H	06	5	INTRO TO LITERATURE	CAS	3.0	8:15-11:30	TTH
P	ENG 160H	01	1	POETRY-THE GENRE	CAS	3.0	4:00- 6:40	MTW
P	ENG 161H	01	2	FICTION-THE GENRE	CAS	3.0	12:30- 3:45	MTW
P	ENG 201F	01	4	CREATIVE WRITING	CAS	3.0	7:00- 9:40E	TTH
G	ENG 202F	01	7	FICTION WRITING	CAS	3.0	9:30-12:00	MTWTHF
THIS IS A FEE COURSE. CONTACT K. ROSEN AT 780-4291.								
THIS COURSE IS GIVEN JULY 31ST-AUGUST 12TH								
P	ENG 209	01	4	BUSINESS & REPORT WRITING	CAS	3.0	4:00- 6:40	MTW
P	ENG 210	01	1	NEWS WRITING	CAS	3.0	7:00- 9:40E	TTH
P	ENG 220	01	3	ANCIENT MASTERPIECES	CAS	3.0	12:30- 3:45	MTW
P	ENG 261	01	2	SHAKESPEARE II	CAS	3.0	12:30- 3:45	MTW
P	ENG 280	01	1	AMERICAN RENAISSANCE	CAS	3.0	7:00- 9:40E	MTW
P	ENG 299	01	5	WRITING FOR PUBLICATION	CAS	3.0	12:30- 3:45	TTH
G	ENG 302F	01	7	FICTION WORKSHOP	CAS	3.0	9:30-12:00	MTWTHF
THIS IS A FEE COURSE. CONTACT K. ROSEN AT 780-4291.								
THIS COURSE IS GIVEN JULY 31ST-AUGUST 12TH								
G	ENG 303F	01	7	POETRY WORKSHOP	CAS	3.0	9:30-12:00	MTWTHF
THIS IS A FEE COURSE. CONTACT K. ROSEN AT 780-4291.								
THIS COURSE IS GIVEN JULY 31ST-AUGUST 12TH								
G	ENG 304	01	7	WRITING THE CONTENT NOVEL	CAS	3.0	9:30-12:00	MTWTHF
THIS IS A FEE COURSE. CONTACT K. ROSEN AT 780-4291.								
THIS COURSE IS GIVEN JULY 31ST-AUGUST 12TH								
P	ENG 327	01	1	MODERN SHORT STORIES	CAS	3.0	4:00- 6:40	TTH
P	ENG 375	01	4	VICTORIAN NOVEL	CAS	3.0	7:00- 9:40E	TTH
P	ENG 389	01	4	WRITERS OF MAINE	CAS	3.0	4:00- 6:40	TTH
FOREIGN LANGUAGES AND CLASSICS								
P	FRE 107	L1	5	INTENSIVE BEGIN FRE LAB	CAS	2.0	8:30- 9:15	MTWTHF
P	FRE 107	01	5	INTENSIVE BEGIN FRENCH	CAS	6.0	9:30-12:45	MTWTHF
P	GER 107	L1	5	INTENSIVE BEGIN GER LAB	CAS	2.0	8:30- 9:15	MTWTHF
P	GER 107	01	5	INTENSIVE BEGIN GERMAN	CAS	6.0	9:30-12:45	MTWTHF
P	RUS 107	L1	5	INTENSIVE BEGIN RUSS LAB	CAS	2.0	8:30- 9:15	MTWTHF
P	RUS 107	01	5	INTENSIVE BEGIN RUSSIAN	CAS	6.0	9:30-12:45	MTWTHF
P	SPA 107	L1	5	INTENSIVE BEGIN SPA LAB	CAS	2.0	11:45-12:30	MTWTHF
P	SPA 107	01	5	INTENSIVE BEGIN SPANISH	CAS	6.0	8:15-11:30	MTWTHF
P	SPA 299	L1	5	INTENSIVE INTERM SPA LAB	CAS	2.0	8:30- 9:15	MTWTHF
P	SPA 299	01	5	INTENSIVE INTERM SPANISH	CAS	6.0	9:30-12:45	MTWTHF
GEOGRAPHY AND ANTHROPOLOGY								
G	GEO 120J	01	3	GEOGRAPHY OF MAINE	CAS	3.0	8:15-11:30	MTW
X	GYA 300	01	7	ARCHEOLOGY FIELD SCHOOL	CAS	6.0		A
THIS IS A FEE COURSE. CONTACT M. HAMILTON AT 780-5320.								
THIS COURSE IS GIVEN MAY 23RD-JULY 1ST								
GEOSCIENCES								
P	GEY 111K	01	1	PHYSICAL GEOLOGY	CAS	3.0	7:00- 9:40E	TTH
P	GEY 310	01	1	GLACIAL&PLEISTOCENE GEOL	CAS	3.0	4:00- 6:40	TTH
G	GEY 350	01	7	GEOLOGICAL FIELD METHODS	CAS	6.0	8:30- 5:00	MTWTHF
THIS IS A FEE COURSE. CONTACT S. POLLOCK 780-5351.								
THIS COURSE IS GIVEN MAY 31ST-JULY 1ST								
G	OCE 100K	01	2	INTRO TO OCEANOGRAPHY	CAS	3.0	8:15-11:30	MTW
G	OCE 100K	02	4	INTRO TO OCEANOGRAPHY	CAS	3.0	4:00- 6:40	MTW
G	OCE 101K	01	2	OCEANOGRAPHY LABORATORY	CAS	1.0	12:30- 3:45	MTW
G	OCE 101K	02	4	OCEANOGRAPHY LABORATORY	CAS	1.0	7:00- 9:00E	MTW
HISTORY								
P	HTY 101I	01	1	WESTERN CIVILIZATION I	CAS	3.0	7:00- 9:40E	TTH
P	HTY 102I	01	4	WESTERN CIVILIZATION II	CAS	3.0	7:00- 9:40E	TTH
P	HTY 131I	01	1	U.S. HISTORY TO 1877	CAS	3.0	7:00- 9:40E	MTW
P	HTY 131I	02	5	U.S. HISTORY TO 1877	CAS	3.0	8:15-11:30	TTH
P	HTY 132I	01	4	U.S. HISTORY SINCE 1877	CAS	3.0	7:00- 9:40E	MTW
P	HTY 244	01	6	20TH CENTURY EUROPE	CAS	3.0	8:15-11:30	MTW
P	HTY 300	01	7	HISTORY INTERNSHIP	CAS	3.0		A
THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH								
P	HTY 305	01	2	HAMILTON & JEFFERSON	CAS	3.0	8:15-11:30	MTW



TOWN	COURSE	SEC	SESS NO	COURSE TITLE	COL	HRS	TIME	DAYS
P	HTY 321	01	1	HISTORY OF MAINE	CAS	3.0	7:00- 9:40E	MM
P	HTY 399	01	4	WOMEN IN U.S. HISTORY	CAS	3.0	7:00- 9:40E	TTH
P	HTY 498	01	7	INDEPENDENT STUDY	CAS	1-15.0		A
THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH								
P	HTY 534	01	7	MAINE HISTORY AND TRAVEL	CAS	3.0		A
THIS COURSE IS GIVEN JUNE 20TH, 24TH, JULY 8TH, 15TH (1:00-5:00) AND JUNE 25TH, JULY 9TH, 16TH (8:30-5:00)								

#### MATHEMATICS

G	MAC 234	01	1	COMP PROG FOR ELEM TEACH	CAS	3.0	7:00- 9:40E	MM
G	MAC 528	01	1	COMPUTER PROGRAMMING I	CAS	3.0	7:00- 9:40E	MM
*****								
* CREDITS EARNED BY COMPLETING MAT 010 AND MAT 011B WILL *								
* NOT COUNT TOWARDS FULFILLING A BACCALAUREATE DEGREE *								
*****								
G	MAT 010	01	1	ELEMENTARY ALGEBRA	CAS	3.0	7:00- 9:40E	MM
P	MAT 010	02	4	ELEMENTARY ALGEBRA	CAS	3.0	7:00- 9:40E	MM
P	MAT 011B	01	1	INTERMEDIATE ALGEBRA	CAS	3.0	7:00- 9:40E	MM
G	MAT 011B	02	4	INTERMEDIATE ALGEBRA	CAS	3.0	7:00- 9:40E	MM
P	MAT 100D	01	1	COLLEGE ALGEBRA	CAS	3.0	7:00- 9:40E	MM
P	MAT 100D	02	4	COLLEGE ALGEBRA	CAS	3.0	7:00- 9:40E	TTH
P	MAT 100D	03	7	COLLEGE ALGEBRA	CAS	3.0	8:15- 9:45	MTWTH
THIS COURSE IS GIVEN JUNE 27TH-AUGUST 4TH								
P	MAT 104D	01	7	TOPICS IN MATH I	CAS	3.0	8:15-10:30	MTWTH
THIS COURSE IS GIVEN MAY 9TH-JUNE 2ND								
P	MAT 104D	02	1	TOPICS IN MATH I	CAS	3.0	4:00- 6:40	TTH
P	MAT 110D	01	1	ELEM MATH ANALYSIS	CAS	3.0	4:00- 6:40	TTH
P	MAT 110D	02	4	ELEM MATH ANALYSIS	CAS	3.0	7:00- 9:40E	TTH
P	MAT 110D	03	7	ELEM MATH ANALYSIS	CAS	3.0	8:15- 9:45	MTWTH
THIS COURSE IS GIVEN JUNE 27TH-AUGUST 4TH								
P	MAT 120D	01	1	INTRO TO STATISTICS	CAS	3.0	7:00- 9:40E	TTH
P	MAT 120D	02	4	INTRO TO STATISTICS	CAS	3.0	7:00- 9:40E	TTH
G	MAT 131D	01	4	NUMBER SYSTEMS/ELEM TEACH	CAS	3.0	7:00- 9:40E	MM
P	MAT 140C	01	1	PRE-CALCULUS MATHEMATICS	CAS	3.0	7:00- 9:40E	MM
P	MAT 140D	02	4	PRE-CALCULUS MATHEMATICS	CAS	3.0	7:00- 9:40E	TTH
P	MAT 152D	01	7	CALCULUS A	CAS	4.0	8:15-10:30	MTWTH
THIS COURSE IS GIVEN JUNE 27TH-AUGUST 11TH								
P	MAT 153	01	7	CALCULUS B	CAS	4.0	5:00- 6:40	MTTH
THIS COURSE IS GIVEN MAY 9TH-JULY 7TH								
P	MAT 211	01	1	PROBABILITY	CAS	3.0	4:00- 6:40	MM
P	MAT 211	02	1	PROBABILITY	CAS	3.0	7:00- 9:40E	TTH
P	MAT 211	03	4	PROBABILITY	CAS	3.0	7:00- 9:40E	MM
P	MAT 212	01	1	STATISTICS	CAS	3.0	4:00- 6:40	TTH
P	MAT 212	02	1	STATISTICS	CAS	3.0	7:00- 9:40E	MM
P	MAT 212	03	4	STATISTICS	CAS	3.0	7:00- 9:40E	TTH
P	MAT 252	01	7	CALCULUS C	CAS	4.0	7:00- 8:40E	MTTH
THIS COURSE IS GIVEN MAY 9TH-JULY 7TH								
G	MME 513	01	7	LAB:PROJ ASPIRE CALCULUS	CAS	3.0	10:30-12:30	MTTH
THIS COURSE IS GIVEN JUNE 27TH-AUGUST 4TH								
MUST BE TAKEN WITH MME 519. APPLY TO M. CHABOT, MATH D								
G	MME 519	01	7	TEACH CALCULUS IN SEC SCH	CAS	3.0	8:15-10:15	MTTH
THIS COURSE IS GIVEN JUNE 27TH-AUGUST 4TH								
MUST BE TAKEN WITH MME 513. APPLY TO M. CHABOT, MATH D								
G	MME 549	01	7	SEL TOP:MATH ELEM TEACH	CAS	3.0	8:00-12:30	MTWTHF
THIS COURSE IS GIVEN JUNE 27TH-JULY 8TH								

#### MILITARY SCIENCE

G	MIS 229	01	7	ROTC BASIC CAMP	CAS	6.0		A
G	MIS 229	02	7	ROTC BASIC CAMP	CAS	6.0		A
G	MIS 229	03	7	ROTC BASIC CAMP	CAS	6.0		A
G	MIS 229	04	7	ROTC BASIC CAMP	CAS	6.0		A

#### MUSIC

G	MUE 521	01	7	JR HI/MID SCH MUS MKSHP	CAS	3.0	8:30- 3:30	MTWTHF
THIS COURSE IS GIVEN AUGUST 1ST-AUGUST 5TH								
G	MUE 599	01	7	INSTRUMENTAL METHODS	CAS	3.0	8:30- 3:30	MTWTHF
THIS COURSE IS GIVEN JULY 25TH-JULY 29TH								
P	MUS 100G	01	4	MUSIC APPREC AND HISTORY	CAS	3.0	7:00- 9:40E	MM
P	MUS 110F	01	1	FUNDAMENTALS OF MUSIC	CAS	3.0	7:00- 9:40E	TTH
X	MUS 406	01	7	CHAMBER MUSIC:STRINGS	CAS	1-15.0	8:00- 7:00E	MTWTHF
THIS COURSE IS GIVEN JULY 31ST-AUGUST 13TH AT COLBY COL.								
G	MUS 499	01	7	WOODWIND REPAIR WORKSHOP	CAS	3.0	8:30- 3:30	MTWTHF
THIS COURSE IS GIVEN AUGUST 8TH-AUGUST 12TH								

#### PHILOSOPHY

P	PHI 1D2	01	1	INTRO: QUEST FOR CERTAINITY	CAS	3.0	7:00- 9:40E	TTH
P	PHI 103E	01	1	INTRO:HUMAN ALIENATION	CAS	3.0	4:00- 6:40	MM

#### PHYSICS

P	PHY 123	R1	7	GENERAL PHYSICS II REC	CAS	.0	8:00- 9:30E	M
P	PHY 123	01	7	GENERAL PHYSICS II	CAS	4.0	8:00- 9:45E	TTH
THIS COURSE IS GIVEN MAY 9TH-JULY 15TH								

#### POLITICAL SCIENCE

P	POS 101J	3U	2	INTRO TO AMER GOVERNMENT	CAS	3.0	12:30- 3:45	MTW
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TOWN	COURSE	SEC	SESS NO	COURSE TITLE	COL	HRS	TIME	DAYS
G	EDU 312	01	2	TEACH LANGUAGE ARTS	COE	3.0	8:15-11:30	MTW
G	EDU 321	01	5	DEVELOPMENTAL READING II	COE	3.0	8:15-11:30	MM
PREREQUISITE:EDU 303								
G	EDU 322	01	7	REMEDIAL READING	COE	3.0	6:00- 9:15E	TTH
THIS COURSE IS GIVEN JUNE 27TH-AUGUST 5TH								
PREREQUISITE:EDU 303								
P	EDU 336	01	1	CHILDREN'S LITERATURE	COE	3.0	7:00- 9:40E	TTH
G	HRD 333J	01	1	HUMAN GROWTH&DEVELOPMENT	COE	3.0	4:00- 6:40	MM
P	HRD 333J	02	4	HUMAN GROWTH&DEVELOPMENT	COE	3.0	4:00- 6:40	TTH
G	PHE 102	01	7	INDEPENDENT ACTIVITIES	COE	1- 2.0		A
G	PHE 242	01	7	EXP EDUC OUTWARD BOUND	COE	3.0		A
HURRICANE ISLAND-OUTWARD BOUND SCHOOL (FEE COURSE)								
CONTACT J. BOUCHARD AT 780-5431								
G	PHE 343	01	7	EXP EDUC OUTWARD BOUND	COE	6.0		A
HURRICANE ISLAND-OUTWARD BOUND SCHOOL (FEE COURSE)								
CONTACT J. BOUCHARD AT 780-5431								
G	PHE 353	01	7	TEACH TRAINING EXP EDUC	COE	6.0		A
HURRICANE ISLAND-OUTWARD BOUND SCHOOL (FEE COURSE)								
CONTACT J. BOUCHARD AT 780-5431								

### Graduate Education

#### GENERAL EDUCATION RESOURCE COURSES

G	EDU 600	01	1	RESEARCH METHODS&TECHNIQ	COE	3.0	4:00- 6:40	TTH
G	EDU 600	02	1	RESEARCH METHODS&TECHNIQ	COE	3.0	4:00- 6:40	MM
G	EDU 600	03	5	RESEARCH METHODS&TECHNIQ	COE	3.0	8:15-11:30	MM
G	EDU 699	01	7	INDEPENDENT STUDY	COE	1- 6.0		A
THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH								

#### HUMAN RESOURCE

G	HRD 502	01	5	FAMILY:IMPLICAT EDUCATORS	COE	3.0	4:00- 7:15	TTH
G	HRD 604	01	7	LIFE SPAN DEVELOPMENT I	COE	3.0	4:00- 6:40	M
THIS COURSE IS GIVEN MAY 9TH-AUGUST 3RD								
G	HRD 605	01	1	LIFE SPAN DEVELOPMENT II	COE	3.0	7:00- 9:40E	TTH
G	HRD 607	01	1	INTRO TO SCH GUID SERVICE	COE	3.0	4:00- 6:40	TTH
G	HRD 619	01	1	SEMINAR IN REHABILITATION	COE	3.0	4:00- 6:40	TTH
G	HRD 620	01	1	FUNDAMENTALS COUNSKILLS	COE	3.0	4:00- 6:40	MM
G	HRD 626	01	1	GROUP PROCESS&PROCEDURE	COE	3.0	7:00- 9:40E	MM
G	HRD 626	02	7	GROUP PROCESS&PROCEDURE	COE	3.0	5:00- 9:15	T
THIS COURSE IS GIVEN JUNE 27TH-AUGUST 26TH								
G	HRD 627	01	7	GROUP COUNSELING	COE	3.0	8:00- 4:00	MTWTHF
THIS COURSE IS GIVEN JUNE 20TH-JUNE 24TH								
G	HRD 633	01	1	MANAGING ADULT&CONT EDUC	COE	3.0	4:00- 6:40	TTH
G	HRD 645	51	7	GERONT INSTR:AGE&LIFE REV	COE	3.0	8:30- 5:00	MTWTHF
THIS COURSE IS GIVEN JUNE 27TH-JULY 1ST								
G	HRD 665	01	1	PSY MEASURE & EVALUATION	COE	3.0	7:00- 9:40E	MM
G	HRD 673	01	5	PERSP ON CHEM DEPENDENCY	COE	3.0	4:00- 7:15	TTH
G	HRD 686	01	7	INIERNSHIP IN COUNSEL EDU	COE	1- 6.0	7:00- 9:50E	M
THIS COURSE IS GIVEN JUNE 1ST-AUGUST 24TH								
G	HRD 687	01	7	INIERNSHIP IN ADULT EDUC	COE	1-12.0		A
G	HRD 690	01	7	INDIV COUNS PRACTICUM	COE	3.0	4:00- 6:50	M
THIS COURSE IS GIVEN JUNE 1ST-AUGUST 24TH								
G	HRD 698	01	7	DIRECTED STUDY IN HRD	COE	1-15.0		A
G	HRD 699	01	7	INDEPENDENT STUDY	COE	1- 6.0		A
G	HRDX606	01	1	CULTURE,TRAD'NALIFE CYCLE	COE	3.0	4:00- 6:40	TTH
G	HRDX614	01	5	VOC EVAL DISABIL ADULTS	COE	3.0	4:00- 7:15	MM
G	HRDX683	01	7	ADOL DEPRESSION&SUICIDE	COE	3.0	8:00- 4:00	MTWTHF
THIS COURSE IS GIVEN JUNE 27TH-JULY 1ST								
G	HRDX696	01	7	COUNSELOR SUPERVISION	COE	3.0	8:00- 4:00	MTWTHF
THIS COURSE IS GIVEN JULY 11TH-JULY 15TH								

### Professional Education

#### EDUCATIONAL ADMINISTRATION

G	EDU 670	01	5	INTRO TO ADMINISTRATION	COE	3.0	8:15-11:30	TTH
G	EDU 671	01	1	ORGANIZATIONAL BEHAVIOR	COE	3.0	4:00- 6:40	MM
G	EDU 672	01	1	POL BASES DECISION MKG	COE	3.0	4:00- 6:40	MM
G	EDU 679	01	5	EVAL&SUPER-SCH PERSONNEL	COE	3.0	12:30- 3:45	TTH
G	EDU 679	02	7	EVAL&SUPER-SCH PERSONNEL	COE	3.0	8:00- 4:00	A
THIS COURSE IS GIVEN AUGUST 4TH,5TH,8TH,9TH,10TH								
G	EDU 680	01	1	STAFF DEVELOPMENT	COE	3.0	4:00- 6:40	TTH



PHYSICS									
P	PHY 123	R1	7	GENERAL PHYSICS II REC	CAS	.0	8:00-	9:30E	M
P	PHY 123	01	7	GENERAL PHYSICS II	CAS	4.0	8:00-	9:45E	TTH
THIS COURSE IS GIVEN MAY 9TH-JULY 15TH									
POLITICAL SCIENCE									
P	POS 101J	30	2	INTRO TO AMER GOVERNMENT	CAS	3.0	12:30-	3:45	MTW
				THIS IS AN ITV COURSE ORIGINATION SITE.					
G	POS 101J	31	2	INTRO TO AMER GOVERNMENT	CAS	3.0	12:30-	3:45	MTW
				THIS IS AN ITV COURSE RECEIVE SITE					
P	POS 102J	01	1	PEOPLE AND POLITICS	CAS	3.0	7:00-	9:40E	TTH
P	POS 201	01	1	WOMEN IN POLITICS	CAS	3.0	7:00-	9:40E	TTH

PSYCHOLOGY									
P	PSY 101J	01	2	GENERAL PSYCHOLOGY I	CAS	3.0	8:15-	11:30	MTW
P	PSY 101J	02	1	GENERAL PSYCHOLOGY I	CAS	3.0	7:00-	9:40E	TTH
G	PSY 101J	03	4	GENERAL PSYCHOLOGY I	CAS	3.0	7:00-	9:40E	TTH
P	PSY 101J	04	3	GENERAL PSYCHOLOGY I	CAS	3.0	8:15-	11:30	MTW
G	PSY 101J	05	6	GENERAL PSYCHOLOGY I	CAS	3.0	8:15-	11:30	MTW
P	PSY 102	30	1	GENERAL PSYCHOLOGY II	CAS	3.0	4:00-	6:40	TTH
				THIS IS AN ITV COURSE ORIGINATION SITE					
G	PSY 102	31	1	GENERAL PSYCHOLOGY II	CAS	3.0	4:00-	6:40	TTH
				THIS IS AN ITV COURSE RECEIVE SITE					
P	PSY 201D	01	7	STATISTICS IN PSYCHOLOGY	CAS	3.0	8:15-	11:00	MTWTH
				THIS COURSE IS GIVEN MAY 9TH-JUNE 3RD					
P	PSY 232	01	4	PSYCHOLOGY OF ADJUSTMENT	CAS	3.0	4:00-	6:40	TTH
P	PSY 235	01	2	PSYCHOLOGY OF WOMEN	CAS	3.0	8:15-	11:30	MTW
P	PSY 333	01	2	PSYCHOPATHOLOGY	CAS	3.0	8:15-	11:30	MTW
P	PSY 400	01	7	SPORTS PSYCHOLOGY	CAS	3.0			A
				THIS IS A FEE COURSE. CONTACT M. GAYTON AT 780-4251.					
				THIS COURSE IS GIVEN JUNE 23RD-JUNE 25TH					
P	PSY 400	02	7	CHILDHOOD PSYCHOPATHOLOGY	CAS	3.0			A
				THIS IS A FEE COURSE. CONTACT M. GAYTON AT 780-4251.					
				THIS COURSE IS GIVEN AUGUST 4TH-AUGUST 6TH					
P	PSY 400	03	7	INDEPENDENT STUDY	CAS	1-15.0			A
				THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH					
P	PSY 401	01	7	INDEPENDENT STUDY	CAS	1-15.0			A
				THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH					

SOCIAL WORK									
P	SWO 101J	01	1	INTRO TO SOCIAL WELFARE	CAS	3.0	7:00-	9:40	MM
P	SWO 361	01	3	DYNAMICS OF ORGANIZATIONS	CAS	3.0	8:15-	11:30	MTW

SOCIOLOGY									
P	SOC 100J	01	2	INTRO TO SOCIOLOGY	CAS	3.0	8:15-	11:30	MTW
P	SOC 100J	02	3	INTRO TO SOCIOLOGY	CAS	3.0	8:15-	11:30	MTW
P	SOC 100J	03	5	INTRO TO SOCIOLOGY	CAS	3.0	7:00-	10:00E	MM
P	SOC 100J	30	1	INTRO TO SOCIOLOGY	CAS	3.0	7:00-	9:40E	MM
				THIS IS AN ITV COURSE ORIGINATION SITE					
G	SOC 100J	31	1	INTRO TO SOCIOLOGY	CAS	3.0	7:00-	9:40E	MM
				THIS IS AN ITV COURSE RECEIVE SITE					
P	SOC 200	01	5	SOCIAL PROBLEMS	CAS	3.0	8:15-	11:30	TTH
P	SOC 215	01	2	CRIMINOLOGY	CAS	3.0	8:15-	11:30	MTW
				THIS COURSE IS CROSS-LISTED WITH CRM 215					
P	SOC 380	01	2	SOCIOLOGY OF VIOLENCE	CAS	3.0	8:15-	11:30	MTW

THEATRE									
P	THE 101G	01	3	INTRODUCTION TO DRAMA	CAS	3.0	8:15-	11:30	MTW
P	THE 120F	01	3	FUNDAMENTALS OF ACTING	CAS	3.0	8:15-	11:30	MTW
P	THE 121F	01	3	FUND OF ACTING:SCENE WORK	CAS	3.0	12:30-	3:45	MTW
P	THE 170F	01	4	PUBLIC SPEAKING	CAS	3.0	7:00-	9:40E	MM
P	THE 170F	02	1	PUBLIC SPEAKING	CAS	3.0	7:00-	9:40E	TTH
P	THE 170F	03	3	PUBLIC SPEAKING	CAS	3.0	12:30-	3:45	MTW
P	THE 170F	30	2	PUBLIC SPEAKING	CAS	3.0	8:15-	11:30	MTW
				THIS IS AN ITV COURSE ORIGINATION SITE					
G	THE 170F	31	2	PUBLIC SPEAKING	CAS	3.0	8:15-	11:30	MTW
				THIS IS AN ITV COURSE RECEIVE SITE					
G	THE 399	01	5	EUROPEAN DRAMA	CAS	3.0	8:15-	11:30	MM

WOMEN'S STUDIES									
P	WST 320	01	1	EARLIER WOMEN WRITERS	CAS	3.0	4:00-	6:40	MM

## College of Education

UNDERGRADUATE EDUCATION									
G	EDU 200	01	2	STUDIES-EDUC FOUNDATIONS	COE	3.0	8:15-	11:30	MTW
G	EDU 200	02	2	STUDIES-EDUC FOUNDATIONS	COE	3.0	12:30-	3:45	MTW
G	EDU 210	01	6	THRY FOUND EDUCATION	COE	3.0	12:30-	3:45	MTW
G	EDU 306	01	1	TEACH ELEM SCH MATH	COE	3.0	4:00-	6:40	MM
G	EDU 308	01	6	SCIENCE FOR CHILDREN	COE	3.0	8:15-	11:30	MTW

G	EXE 622	01	5	ADV METH LEARN DISABIL	COE	3.0	8:15-	11:30	TTH
G	EXE 648	01	1	CURR:HEARING IMPAIRMENT	COE	3.0	7:00-	9:40E	MM
G	EXE 653	01	7	ASSESSMENT IN SPECIAL EDU	COE	3.0	8:15-	11:30	MTWTHF
THIS COURSE IS GIVEN JUNE 22ND-JULY 10TH									
G	EXE 664	01	7	GIFTED STUDENT SPEC POPUL	COE	3.0	8:00-	11:45	MTWTF
				THIS COURSE IS GIVEN JULY 18TH-JULY 29TH					
G	EXE 682	01	1	SPEC ED:LAN, CONFLICT&RES	COE	3.0	4:00-	6:40	MM
G	EXE 687	51	7	TECH IN SPEC EDU & REHAB	COE	3.0	9:00-	3:00	MTWTHF
				THIS COURSE IS GIVEN JULY 25TH-JULY 29TH;AUGUST 19TH					
G	EXE 696	01	5	SECOND PRACTICUM/SEMINAR	COE	6.0	8:30-	3:30	MTWTHF

INSTRUCTIONAL LEADERSHIP									
G	EDJ 603	01	1	ANALYSIS OF TEACHING	COE	3.0	7:00-	9:40E	TTH
G	EDJ 604	01	1	CURRICULUM DEVELOPMENT	COE	3.0	4:00-	6:40	MM
G	EDJ 611	01	1	CONTEXT FOR TEACH&LEARN	COE	3.0	7:00-	9:40E	MM
P	EPD 503	51	7	ARTS EDUC INSTITUTE	COE	3.0	9:00-	3:00	MTWTH
				THIS COURSE IS GIVEN AUGUST 8TH-AUGUST 18TH					
X	EPD 511	51	7	MIDDLE SCHOOL INSTITUTE	COE	3.0	8:30-	4:30	MTWTHF
				THIS COURSE IS GIVEN JUNE 27TH-JULY 1ST					
G	EPD 554	51	7	STRATEGIES:GIFTED&TALENT	COE	3.0			A
				THIS COURSE IS GIVEN AUGUST 8TH-AUGUST 12TH					
G	EPD 555	51	7	GIFTED&TALENTED COMPUTERS	COE	3.0	8:00-	12:00	A
				THIS COURSE IS GIVEN JULY 5TH-9TH AND JULY 11TH-15TH					
X	EPD 572	51	7	HEAR IMP:ORAL/AURAL	COE	3.0	8:30-	3:30	MTWTHF
				THIS COURSE IS GIVEN JULY 11TH-JULY 15TH					
G	EPD 573	51	7	ADMIN PROGRAMS IN SPEC ED	COE	3.0	8:30-	3:30	MTWTHF
				THIS COURSE IS GIVEN JUNE 20TH-JUNE 24TH					
G	EPDI529	51	7	ECON EDUC FOR TEACHERS	COE	3.0	8:00-	3:00	MTWTHF
				THIS COURSE IS GIVEN JUNE 22ND-JULY 8TH					
G	EPDI530	51	7	STORYTELLING INSTITUTE	COE	3.0	8:30-	3:30	MTWTHF
				THIS COURSE IS GIVEN JULY 18TH-JULY 22ND					
G	EPDI538	51	7	TEACH FOR SOCIAL RESPON	COE	3.0	8:30-	3:30	MTWTHF
				THIS COURSE IS GIVEN JULY 25TH-JULY 29TH					
G	EPDI541	51	7	EARLY CHILD:OSS IN ED PRO	COE	3.0	8:30-	3:30	MTWTHF
				THIS COURSE IS GIVEN JULY 25TH-JULY 29TH					

READING									
G	EDU 510	01	5	DEVELOP COMPOSITION PROC	COE	3.0	8:15-	11:30	MM
G	EDU 513	01	1	ADOLESCENT LITERATURE	COE	3.0	7:00-	9:40E	MM
G	EDU 514	01	5	TEACH READ CONTENT AREA	COE	3.0	8:15-	11:30	TTH
G	EDJ 529	01	5	READING CLINIC	COE	6.0	8:00-	12:00	MTWTHF
				PREREQUISITE:EDU 620 AND 621					
G	EDU 621	01	1	REMEDIATION	COE	3.0	4:00-	6:40	MM
				PREREQUISITE:EDJ 620					

## Department of Public Policy & Management

P	PPH 611	01		ECON ANAL & PUBLIC POLICY	GRP	3.0	4:00-	6:40	TTH
P	PPH 695	01		INDEPENDENT STUDY	GRP	1-15.0			A

## School of Applied Science

APPLIED IMMUNOLOGY									
X	AIM 611	L1	7	CELLULAR IMMUNOLOGY LAB	SAS	3.0	6:00-	9:30E	F
				9:00-11:50 S					
				CLASS WILL BE HELD AT THE FOUNDATION FOR BLOOD RESEARCH					
				THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH					
X	AIM 690	01	7	JOURNAL CLUB	SAS	3.0	4:00-	4:50	TH
				CLASS WILL BE HELD AT THE FOUNDATION FOR BLOOD RESEARCH					
				THIS COURSE IS GIVEN MAY 9TH-AUGUST 12TH					
P	AIM 697	01	7	INDEPENDENT STUDY	SAS	3.0			A

COMPUTER
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