1982

University of Southern Maine Summer Odyssey Course Catalog 1982

University of Southern Maine

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I believe our cities are worth fighting for.

Maynard Jackson
Former Mayor, Atlanta, Georgia

Keynote speaker at University of Southern Maine’s Convocation, “The City”, September 25, 1981.

Cover Artist

Don Thayer, Portland, Maine

The artist received his B.F.A. and M.F.A. degrees from Syracuse University, his Ph.D. in art history from the University of Missouri and further studied at the Arts Students League and National Academy of Design.

After working in the commercial art field in New York for ten years as designer, illustrator, portraitist, muralist and art director, he taught for twelve years at the Portland (Maine) School of Art, Syracuse University, the University of Missouri, the University of Maine and Westbrook College.

Since '75 he has concentrated solely on his art, executing commissions in portraiture, depictions of boats and buildings, cityscape and historic memorabilia and mural decoration. Also, he has been the courtroom artist for area TV stations, Guy Gannett Press and New England AP. In '79 he completed for the City of Portland, Maine the 53' x 10' mural of Portland's Union Station in the city's Exposition Building. The cover is one of a series of limited edition serigraphs from his original drawings of landmark buildings and panoramic scenes of Portland, Maine.
........................ Writing, Psychology, Science, Business, Education........................
Alumni Program, Children’s Activities, Elderhostel............
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DESIGNER: PAM EMERY
The University of Southern Maine is a coeducational public university located in Portland and Gorham, Maine, with an enrollment of over 8,000 students during the 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 the southern region of Maine. Because the University is composed of two campuses, one in Portland and the other in rural Gorham, it provides the appeal of a small campus along with the diversity of a large university.

The University operates from 8:00 a.m. to 9:30 p.m. offering hundreds of programs and classes in liberal arts, teacher preparation, nursing, business and law. In addition the University has a large Department of Community Programs which offers non-credit, enrichment courses, and a Department of Conferences which brings together people to share ideas and interests. In the summer of 1982, the University of Southern Maine will offer over 250 credit and non-credit courses and a number of special institutes and programs, such as a Chamber Music Seminar, an Institute on Human Genetics, a Communication Institute, an Elderhostel Program, and a Music Camp for talented high school musicians. The University of Southern Maine will also sponsor a number of special events including the musicals, "Music Man" and "Fantasticks," a comedy, "Under the Yum Yum Tree," a concert series, a number of poetry readings, planetarium shows and natural history walks.

Although the majority of USM students commute, the Gorham campus offers modern dormitory accommodations during both the summer and the winter months at reasonable rates. The University has a well-rounded varsity athletic program for both men and women. Complete and modern gymnasiums on both campuses are headquarters for the University's popular Lifeline programs and are available to summer students.

There are a number of unique points of interest both on the Gorham campus, which is more than 100 years old, and on the newer Portland campus. At Gorham one finds 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 and is open afternoons and evenings during the summer. Corthell Hall, built in 1878 and named for the first president, now houses the Music Department, the Registrar, Business and Financial Aid Offices and is the Gorham campus summer location of the Summer School Office. The President's house was built in 1906 and is the home of USM's president, Dr. Robert Woodbury.

Among the many buildings on the attractive urban Portland campus at 96 Falmouth Street are the Alumni Center, the only remaining building of the Deerling Estate, an eighteenth century farm; the seven-story Center for Research and Advanced Study which houses the University of Maine School of Law; and a modern science building which houses the Southworth Planetarium, considered to be one of New England's finest.

The Intown Learning 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 classrooms in the downtown area.
There are many cultural and leisure-time activities in the southern Maine area. Students are encouraged to take advantage of the University of Southern Maine’s ideal location. Lakes, mountains, and the coast afford a variety of recreational opportunities during Maine’s four seasons.

Two coastal state parks (small entrance fees) are about a half-hour’s drive from either the Portland or Gorham campus. Crescent Beach State Park offers swimming, a snack bar, picnic tables and fireplaces. About two miles away Two Lights State Park provides one of the most impressive views of Maine’s rocky coast. Although swimming is not permitted due to the jagged rocks, there are abundant picnic tables and fireplaces in both sunny and shady locations.

To the west, Sebago Lake State Park is about a 45 minute drive from the Gorham campus and offers swimming, picnic tables, fireplaces, and a snack bar. Sebago Lake also provides a camping area; however, it is generally necessary to make reservations in advance. For those who enjoy mountains, Mt. Pleasant is about a 45 minute drive from Gorham and offers skiing in the winter, and in the summer hiking trails, picnic tables, and a chair lift. The scenic White Mountains in New Hampshire are about an hour’s drive from the Gorham campus.

For the more adventurous, there’s horse racing at Scarborough Downs, and stock car racing at several nearby tracks. The entire area is dotted with golf courses, including the excellent Portland Municipal Golf Course and the somewhat more famous golf course at Poland Spring. Tennis is another popular sport for summer students.

Music lovers can attend concerts, some of which are free, like those on the famous Kotzschmar Memorial Organ in the Portland City Hall Auditorium. In addition to musicals on campus, drama enthusiasts can attend plays and musical comedies in many summer theaters, such as the Ogunquit Playhouse, where world famous stars take leading roles throughout the summer.

History buffs may explore various blockhouses and forts scattered along the coast, or visit Portland Head Light, one of the few remaining lighthouses dating back to the presidency of George Washington, when it burned whale oil.

Antiques? You bet. You’ll find literally hundreds of antique shops in the area and also have the opportunity to bid on them at the country auctions which are common throughout the summer season in the older communities of Maine.

In addition to the many fair and festivals offered by many Maine communities every summer, during the summer of 1982 the Greater Portland area will present a number of special events commemorating the settlement of the area 350 years ago. For details consult the Portland Chamber of Commerce.
What other State compares with Maine
In glorious coasts, where ocean tides
Have for long ages beat in vain
To storm the coves where safety hides;
Where pillared cliffs like sentries stand
To guard the entries to the land,
From Kittery to Calais:
Nathan Haskell Dole (1852
1935)
The State of Maine Stanza 1
In 1982 the Greater Portland area will celebrate its 350th birthday. The history of the area began when Georges Cleeves and Richard Tucker built a dwelling in 1632 on the corner of what is now Hancock and Fore Streets. The region at that time was called by the Indian name Machigonne, was later named Casco, then Falmouth in 1658, and finally Portland in 1786. The original Falmouth included what is now Cape Elizabeth, Falmouth, Portland, South Portland and Westbrook. In the 1600's Falmouth was very vulnerable to Indian attacks and the early settlement was burned to the ground several times. During the 1700's Falmouth became a bustling seaport. Between 1768 and 1772, hundreds of giant pine trees, some weighing over three tons, were shipped to England to be used as masts for ships. Falmouth also shipped salted fish to the West Indies and lumber to Boston. Shipbuilders, lumbermen, merchants and fishermen all relied on the sea and soon what is now known as "The Old Port" area began to prosper.

In 1832 Portland was chartered as a city. It was a principal stage coach center and its commercial fishing fleet was the largest on the eastern seaboard. On July 4, 1866, fire once again almost completely wiped out the city. The rebuilding of Portland began immediately. In the process many streets were widened and straightened and many elegant brick Victorian structures were built, some of which are still standing today. The late nineteenth and early twentieth centuries saw the development of railroads, steamboats, industry and tourism. As the city once again became financially sound, the citizens turned their attention to the intellectual endeavors of theater, music, art and writing. The Greater Portland area was well on its way to becoming Maine's industrial and population center, and focal point for cultural activities.

To celebrate the anniversary of 350 years of settlement of the Greater Portland area, the University of Southern Maine designated the year, 1981-1982 as the
year of "The City" with special courses, seminars, art exhibits, films and discussion groups centering around "The City," especially the Greater Portland area. These events were opened by a convocation last Fall with Maynard Jackson, former mayor of Atlanta, Georgia, delivering the keynote address. Continuing the theme, Summer Odyssey, 1982, will offer two courses, "Portland, 1632-1982, 350 Years of Change" and "Getting to Know Portland" and the Art Gallery on the Gorham campus will present an exhibition of photographs on "The City" from Portland, published by Greater Portland Landmarks, 1872. For more information concerning Portland's interesting heritage consult Greater Portland Landmarks, Inc., 165 State Street, Portland, Maine.

Getting to Know Portland: Its History, People and Architectural Heritage. (see the Department of Community Programs) July 8 - August 5
Instructor: Earle G. Shettleworth, Jr.

Portland: 350 Years of Change (see the History Department courses) May 17 - July 2
Instructor: Robert York

Greater Portland Landmarks (165 State Street, Portland) offers a number of walking and bus tours of the Portland area throughout the summer months. Information is available from the Landmarks association (774-5561).

The city is the teacher of the man.
Plutarch (556 - 469 B.C.)
Should Old Men Govern?

A town that boasts of inhabitants like me can have no lack of good society.
Henry Wadsworth Longfellow
(1807-188)
Tales of the Wayside Inn
ARTS 379 Creative Photography Workshop  
June 21 - July 2  
This course provides students the opportunity to photograph in the coastal region of Schoodic Point, Maine with a group of individuals committed to exploring the medium on a creative level. It is an intensive two-week session that combines on-campus classroom and darkroom work with an off-campus field trip. The initial part of the course will be a review of black and white exposure, film, development, and printing controls. With these technical skills mastered, the class will then depart for a five day, four night field trip to the Schoodic Point area. The field trip will be a photographic exploration of the area. Daily shooting sessions will be arranged to explore the diversity and intrigue of the region. Students will then return to the campus to process and print their work. A group critique, and preparation of the photographs for an exhibit on the Gorham campus, will comprise the final portion of the course. The Schoodic Point area is part of the Acadia National Park system. It is approximately 180 miles from Portland. The region offers a wide variety of subject matter - ranging from small coastal villages to the rugged seascape that Maine is noted for. Participants will stay in tourist accommodations in East Sullivan, Maine.  

Additional expenses will be approximately $130 and include travel, four nights lodging, and meals. Students are expected to supply their own film, paper and printing materials. The University will provide all chemistry and lab facilities. The darkroom is fully equipped with 10 enlargers, film processing room, and mounting area. Students must have a basic working knowledge of their camera and black and white photographic procedures. All camera formats are acceptable. Additional detailed information will be sent to each student upon registration for the course.  
Instructor: Rose Marasco and Jere DeWaters
GEOL 350 Geology Field Methods
June 1 - July 2
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, 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, Machias campus to study the Middle Paleozoic volcanic and fossiliferous sedimentary rocks of northern Maine. Additional fee: $50
Instructor: Stephen Pollock

HIST 299 Leaders of the 20th Century:
The Lives of Churchill, Hitler, Kennedy, Roosevelt and Stalin
May 17 - July 2: Tuesday, Thursday, 4:00 - 6:40
This course studies in depth the lives of five major political leaders of the 20th Century: Winston Churchill, Adolf Hitler, John Kennedy, Franklin Roosevelt, and Joseph Stalin. The approach is biographical, with considerable emphasis on the personality of each individual in an effort to bring that person alive for students. An effort has been made to select contemporaries whose lives interrelate, thus providing a study of an era. Documentary films and readings will accompany lectures and discussions, and a field trip to the Kennedy Presidential Library in Boston is planned for those wishing to go (fee to be determined)
Instructors: Parker Albee and Draper Hunt

EDUW 578 Robert A. Taft Institute of Government Seminars
July 7 - 19
The Taft Seminars for teachers give teachers and librarians of elementary and secondary schools the opportunity for lively participation with public officials, political activists, and university instructors in a two-week program. The Taft Institute is a resident program offering academic credit, board and room, tuition, texts and other allowances for participants. For information write: Dr. Irving D. Fisher, Department of Political Science, University of Southern Maine, 96 Falmouth Street, Portland, Maine 04103

CORE 199 Three Crises in Western Culture: Civilization on Trial
June 20 - July 3
This is a university-level course for gifted high school students, who will be chosen competitively from applicants throughout the state of Maine. Students will live on campus and participate in social and cultural activities presented by the university. The course is designed to foster in students an awareness of the complexity and interconnected nature of human experience. It focuses upon three historic periods, in each of which there was a significant conflict about how the world was to be understood, and about man’s place in the scheme of things. The starting point for each period is a trial, viewed as a mirror reflecting a broader context, with interpenetrating historical, philosophical and scientific issues: the trial of Socrates in 399 B.C., the trial of Galileo in 1633 A.D., and the trial of Joseph K. in Franz Kafka’s novel, The Trial, in the early decades of the 20th Century. Sponsored by the Department of Educational and Cultural Services.
Instructors: Gloria Duclos, William Gavin, Robert Walking, Jeremiah Conway, Craig Dietrich.
Missing Something?

Re-Entry Institute

The Re-Entry Institute was designed to provide courses for people who wish to continue their education after high school but find they are missing essential courses or skills. It also will provide certain courses which may be needed for job placement or advancement. The Institute will meet Tuesday afternoons and Saturday mornings at the Intown Learning Center. Students will register for one of the four courses listed below and will meet together Saturday noon for a series of luncheon seminars. The seminars will include discussions of such topics as family health problems, study and library skills, two-career families, resume writing and problems relating to college entry.

May 17 - July 2
Tuesdays: 4:00 - 6:40 p.m.
Saturdays: 8:30 - 11:10 a.m.
Luncheon Seminars: 11:30 - 1:00 p.m.
Cost: $126

Courses:
- ENG 001-07 Writing Lab
- MS 001-01 Math Lab
- CHEM 199-01 Understanding Chemistry
- PHYS 009-01 Pre-requisite College Physics

The English, physics and math courses do not carry baccalaureate degree credit, but are designed to ease transition into university level courses. Chemistry 199 does carry baccalaureate credit, but is designed as preparation for first-year college chemistry.

For more information contact the Summer School Office: 780-4076

Alumni Week

July 12 - 17

The University of Southern Maine is offering four courses especially for its Alumni. The courses are for no academic credit, so Alumni may become students again free to enjoy campus life without worrying about papers or exams. Among the many activities which are offered are the musical, “Music Man,” art shows, star walks, planetarium shows, concerts and readings by participants of the Stonecoast Writers Conference.

The Nature of Leadership
8:30 - 10:00 a.m.
This course will explore historical, philosophical and multidisciplinary perspectives on the phenomenon of leadership. What is leadership? What accounts for its emergence in a society? What characteristics typify leaders in history? Can leadership be nurtured? What does the familiar call for “leadership” today tell us about our times, our culture, and ourselves?

Instructor: Robert Woodbury

Abraham Lincoln and Hannibal Hamlin
10:30 - 12:00 noon
This course will discuss the lives of Abraham Lincoln and his Vice-President Hannibal Hamlin, one of Maine’s greatest statesmen. The coincidence of both men being born in the same year, 1809, although into different family circumstances, makes a parallel recounting of their lives of considerable interest.

Instructor: Draper Hunt

Landscape Painting
1:30 - 4:30 p.m.
This course will introduce the use of materials and will help beginning students to develop skills in watercolor painting. The students will paint five landscapes and critique each other’s work. The best painting, as determined by the students, will be published in Mainstream. Materials will be supplied. Limit 16.

Instructor: Patrick McCarthy
Human Heredity
1:30 - 4:30 p.m.
This course will present a brief discussion of the nature of genes and chromosomes, how traits are passed on from generation to generation, and how traits change through mutations. The new field of genetic engineering and its implication for the future will be discussed. Various types of cells will be examined through a microscope so chromosomes can be observed. Limit 24.
Instructor: Helen Greenwood

Hannibal Hamlin
Hannibal Hamlin was born in Paris Hill, Maine, the same year as Abraham Lincoln and served as his Vice-President from 1861 to 1865. Had he not failed of renomination in 1864, he would have become the 17th President of the United States.

From Hannibal Hamlin of Maine by Draper Hunt, Professor History, University of Southern Maine

Alumni Week
12 - 17 July 1982
Registration Form

Please enroll me for Alumni Week at the University of Southern Maine.

Name __________________________ Class Year __________________________
Address ____________________________ State __________________________ Zip __________
Phone ____________________________ Social Security No. __________________________
I wish to register for the following courses:
1) __________________________ 2) __________________________ 3) __________________________
☐ I wish to live on campus . (includes course fee) ........................................ $130.00
☐ I will commute to campus daily ............................................................... $ 25.00/course
☐ I will attend the lobster bake ................................................................. $ 10.00/person
Total Enclosed ____________________________________________________________________________________________ $ __________

Housing will be in campus dormitories in double rooms. If you have a roommate preference, please indicate:

________________________________________________________________________________________

Please send completed form to: Mr. Kevin Russell, Department of Conferences, University of Southern Maine, 96 Falmouth Street, Portland, Maine 04103.
Maine Studies

ARTH 311 Maine Architecture
HIST 199 Portland, 350 Years of Change
ENG 389 Writers of Maine
HIST 321 History of Maine
HIST 556 Maine History and Travel
ECON 399 Economics of Maine
POL 399 Government and Politics of Maine

Fine and Applied Arts
ARTH 111 History of Art I
ARTH 112 History of Art II
MUS 110 Fundamentals of Music
THE 101 Introduction to Drama
ARTS 151 Ceramics
ARTS 231 Photography
ARTS 271 Summer Theater Production
THE 199 Workshop in Creative Photography
MUS 100 Music Appreciation

Understanding Children and Teenagers
PSY 223 Child Development
PSY 224 Adolescent Development
NSG 310 Camp Health and Nursing
NSG 311 Health Care of Families with Young Children
EDPY 333 Human Growth and Development
COM 299 Writing Children's Books
EDU 336 Children's Literature
EDU 363 Emotional Problems of Exceptional Children
EDU 200 Foundations of Education

Human Behavior and Communication
COM 102 Introduction to Communication
FRE 101 Beginning French
PSY 101 General Psychology
PLY 103 Human Alienation
THE 101 Public Speaking
SOC 317 Comparative Justice Systems
PSY 333 Man and His Will
COM 299 Communication and Popular Culture
PSY 361 Sensation-Perception
SOC 335 Penology and Corrections
COM 290 Small Group Communication
COM 299-2 Writing for Children
COM 399 Television in Transition
SOC 170 Social Issues
COM 310 Non-Verbal Communication
PSY 235 Psychology of Women
SOC 100 Introduction to Sociology

Science
BIO 101 Biological Principles
BIO 102 Biological Experiences
OCN 100 Introduction to Oceanography
GEOL 111 Physical Geology
ASTR 105 Astronomy in the Planetarium
BIO 281 Microbiology and Disease
BIO 282 Microbiology and Disease Laboratory
GEOL 350 Geological Field Methods
BIO 200 Human Genetics and Embryology
CHEM 199 Understanding Chemistry
CHEM 251 Organic Chemistry I and lab
CHEM 253 Organic Chemistry II and lab
PHYS 009 Pre-requisite College Physics
## Special Graduate Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor/Department</th>
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<tbody>
<tr>
<td>HIST 556</td>
<td>World Wars I and II</td>
<td>Parker Albee</td>
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<td>History Department</td>
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<tr>
<td>COM 599</td>
<td>Pragmatic Abilities in Children and Adults</td>
<td>Norma Rees</td>
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<td>City University, New York</td>
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<td>MS 508</td>
<td>Theory of Numbers</td>
<td>Waldeck Mainville</td>
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<td></td>
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<td>Mathematics Department</td>
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<tr>
<td>CS 528</td>
<td>Computer Programming I</td>
<td>Richard Kratzer</td>
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<td></td>
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<td>Mathematics Department</td>
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<tr>
<td>MUED 522</td>
<td>Current Trends in Music Education</td>
<td>Betty Welshacher</td>
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<td>Wichita State University</td>
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<tr>
<td>MUED 523</td>
<td>Conducting the Concert Band</td>
<td>Instructor to be arranged</td>
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<tr>
<td>MUS 599</td>
<td>Chamber Music Seminar</td>
<td>Instructor to be arranged</td>
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<tr>
<td>BUS 560</td>
<td>Financial Management</td>
<td>Instructor to be arranged</td>
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<tr>
<td>BUS 573</td>
<td>Market Research and Analysis</td>
<td>Instructor to be arranged</td>
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<tr>
<td>SCED 599-01</td>
<td>Human Genetics for High School Biology Teachers</td>
<td>Jerome Sattler</td>
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<td>Professor, Psychology</td>
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<td>San Diego State University</td>
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<td>SCED 599-02</td>
<td>Counseling the Learning Disabled Child and Family</td>
<td>J. Jaffries McWhirtier</td>
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<td>Professor of Counselor Education</td>
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<td></td>
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<td>Arizona State University</td>
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<tr>
<td>EDPS 598-03</td>
<td>Information Systems in Human Services</td>
<td>Robert Threlkeld</td>
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<tr>
<td></td>
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<td>Senior Researcher, USM Center for Research and Advanced Studies</td>
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<tr>
<td>EDPS 598-04</td>
<td>Assessment of Children's Intelligence and Special Abilities</td>
<td>Jerome Sattler</td>
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<td>Professor, Psychology</td>
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<td>San Diego State University</td>
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<td>EDUW 578-01</td>
<td>Robert A. Taft Institute</td>
<td>Irving Fisher</td>
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<td>Political Science Department</td>
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<td>USM, plus Government Speakers</td>
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<tr>
<td>EDPS 598-01</td>
<td>Group Leadership</td>
<td>Marquerite Carroll</td>
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<td>Professor of Education</td>
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<td>Fairfield University</td>
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<td>Senior Researcher, USM Center for Research and Advanced Studies</td>
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*If a little knowledge is dangerous, where is the man who has so much as to be out of danger.*

Thomas Henry Huxley (1825-1895)

*On Elemental Instructions in Physiology*
The Institute for Human Genetics and Birth Defects was developed by the Foundation for Blood Research in conjunction with the University of Southern Maine to bring together teachers, undergraduates and interested citizens with professional geneticists and physicians to achieve a greater understanding of human genetics. The Institute's major goal is to provide enough information to the participants to enable them to instruct students and the public about contemporary societal and scientific issues generated by the application of advances in human genetic knowledge and to enable them to feel more comfortable in dealing with issues of genetic disorders and birth defects. Some of the topics which will be considered include Mendelian genetics as applied to humans, sex-linked disorders, chromosomal disorders, screening for carrier of genetic diseases, prenatal and newborn screening, genetic counseling, methods of teaching genetics at various grade levels and discussions of ethical and societal problems.

The two-week institute is composed of three courses. One course is directed toward high school biology teachers, one toward elementary and middle school teachers and one toward undergraduated interested in teaching or in health oriented fields. All courses will have at least four hours of formal instruction each day with most afternoons remaining free for study or examination of educational materials. This Institute is partially sponsored by the March of Dimes/Birth Defects Foundation. This two-week summer Institute, July 16, will be followed by a one-day meeting in the spring of 1983 for a follow-up discussion and evaluation.
Staff

Thomas G. Brewster, M.D., Clinical Geneticist, Foundation for Blood Research

Helen L. Greenwood, Ph.D., Project Director, Associate Professor of Biology, University of Southern Maine

James E. Haddow, M.D., Associate Medical Director, Director of Prenatal Diagnosis, Foundation for Blood Research

Edward J. Kormondy, Ph.D., Professor of Biology and Provost, University of Southern Maine

Visiting faculty from Maine Medical Center, Eastern Maine Medical Center, Massachusetts General Hospital, Foundation for Blood Research, New England Newborn Screening Laboratory, Jackson Laboratory and teachers, K-12

Each course will have a limit of 30 students, registered on a first-come, first-serve basis.

Additional information may be obtained from:
Paula K. Haddow
Foundation for Blood Research
Box 428
Scarborough, Maine 04074
Phone: 883-4362

or from the Summer School office.

Financial assistance may be available from the March of Dimes/Birth Defects Foundation. Students should consult their local chapters.

Course Descriptions

SCED 599-01 Human Genetics for High School Biology Teachers
This two-week course will include a discussion of basic genetics, prenatal diagnosis of genetic disorders, cytogenetics and genetic screening, counseling and engineering. Demonstrations of genetic projects and teaching materials suitable for high school students will be included. (graduate course) Cr. 3

SCED 599-02 Human Genetics for Educators
This course is designed to introduce teachers, K-8, to basic human genetics, prenatal and newborn screening, genetic counseling, genetic teaching materials suitable for K-8 instruction and discussions relating to children's medical problems which might be encountered in the classroom. (graduate course) Cr. 3

BIO 200 Human Heredity and Embryology
This course presents the fundamental principles of genetics and embryology as they apply to humans. The influence of nutrition, drugs, viruses and physical agents on development will be discussed. (undergraduate course) Cr. 3
The Stonecoast Writers' Conference is for students and teachers 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 remarkable record of written achievement.

In order to best place students in the most appropriate writing course, it is recommended that students send samples of their poetry or fiction and a brief description of educational background and interest with a stamped self-addressed envelope to:

Kenneth Rosen,
Director/Stonecoast Writers' Conference
English Department
University of Southern Maine
96 Falmouth Street
Portland, Maine 04103

Only students holding a baccalaureate degree should register for courses carrying numbers greater than 500.

Note: Students interested in writing and illustrating children's books and in non-fiction writing should consult the information and courses within the Institute, Explorations in Communication.

The University of Southern Maine is offering two courses in this catalog for children who are interested in writing. Consult the pages on Children's Activities.

READINGS (open to the public at no charge): Luther Bonney Auditorium, Portland Campus, July 12, 13, 15, 16, 19, 20, 22. 7:00 P.M.

Hastings Formal Lounge, Gorham Campus, July 13, 15, 16, 19, 20, 22, 23. 3:30 p.m.

ENG 202 Fiction Writing
June 28 - July 23 Cr. 3
A course 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 on writing well-developed short stories and on understanding the basic elements of fiction. A better-than-average competence in using English is required. Suggested preparation: ENG 201.

L. Morrill Burke, essayist and short story writer, has taught at the University of New Hampshire and the University of Southern Maine.

ENG 203 Poetry Writing
June 28 - July 23 Cr. 3
A course for those who, in a creative writing course or on their own, have developed basic skills of careful, thoughtful observation and a preference for concrete details to convey emotional meanings, and who are interested in developing a sense of how poetry has been written in the past by major poets and how it is being created in the present. Emphasis will be on imitation of past and present writers and exercises that stress the elements of poetry, as well as on the development of personal approaches. Suggested preparation ENG 201.

Thomas Carper has taught creative writing courses for several years at the University of Southern Maine. Poems of his have appeared in the Beloit Poetry Journal and the Carleton Miscellany. He has written on Thoreau, Congreve and Thomas Gray in American and British journals.

ENG 302/502 Fiction Workshop
July 12 - July 23 Cr. 3
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 George Garrett and staff assistants.

George Garrett has published novels, short story and poetry collections, screenplays and criticism. He's taught at Bennington, Hollins, Rice and the University of Virginia.
ENG 303/503 Poetry Workshop
July 12 - 23  Cr. 3
An advanced course in writing poetry. Intensive class discussion of students' poems, with follow-up conferences with Elizabeth Spires, David St. Johns, and staff assistants. Class assignments will explore contemporary poetic techniques and perspectives.

David St. John directs the writing program at Johns Hopkins University. Former poetry editor of The Iowa Review and Field, winner of NEA and Guggenheim grants, he is the author of two collections of poems, The Shore (1980) and Hush (1976).


ENG 394 Contemporary Poetry
July 12 - July 23  Cr. 3
This course will examine the link between conceptions of reality and poetic practice in the works of Williams, Stevens, Plath, MacDiarmid, Walcott, and Rich.

ENG 395 Contemporary Short Stories
July 12 - July 23  Cr. 3
Detailed analysis of at least four short story collections by Carver, Cheever, Chekhov, and Woolf to identify contemporary narrative sources, directions, methods and themes.

ENG 396 The Contemporary Novel
July 12 - July 23  Cr. 3
Through the study of four novels, Sophie's Choice by William Styron, On The Stroll by Alix Kate Shulman, A Place to Come To by Robert Penn Warren and Rabbitt is Rich by John Updike, this course will relate narrative strategies and forms to concepts of the anti-hero in the late 20th century.

ENG 504 Writing The Contemporary Novel
July 12 - July 23  Cr. 3
A graduate course in advanced writing. Undergraduates may enter with permission of the instructor. 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.

Alix Kates Shulman is the author of eight books, including three novels published by Knopf: Memoirs of an Ex-Prom Queen, Burning Questions, and On The Stroll. She has taught at the New School, Yale University and New York University.
This Institute is composed of traditional and non-traditional courses, seminars and workshops which explore communicative behavior in varying contexts—from interpersonal through mass media—and from theoretical as well as applied perspectives. Eight courses are included in this Institute with starting dates distributed throughout the summer.

COM 102 Introduction to Communication
June 21 - July 16  Cr. 3
Monday, Tuesday, Wednesday
8:15 - 11:30 a.m.
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.

Instructor: Leonard Shedletsky

COM 290 Small Group Communication
May 17 - June 11  Cr. 3
Monday, Tuesday, Wednesday
8:15 - 11:30 a.m.
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, problem solving, communication flow, and other variables relevant to actual small-group interactions.

Instructor: Russell Kivatisky

COM 310 Nonverbal Communication
July 6 - August 20  Cr. 3
Monday, Wednesday
4:00 - 6:40 p.m.
A study of the effects of nonverbal factors on the process of human communication. Proxemics, body motion, paralanguage, metacommunication, and other specific areas of nonverbal behavior will be explored and examined. Each student will be required to conduct a research project and prepare a scholarly paper related to a particular area of non-verbal communication. Prerequisite: COM 102 or permission of the instructor.

Instructor: Frances Sayers

COM 299-01 Communication and Popular Culture
May 17 - July 2  Cr. 3
An exploration of the interdependent process of communication and the unfolding of popular culture from the expressive perspective of mass media, including contemporary film, television, and music.

Instructor: James Bethel

COM 399-01 Workshop in Video Production
June 28 - July 23  Cr. 3
Monday, Tuesday, Wednesday
8:15 - 11:30 a.m.
An intensive training and work-project activity in electronic video (television) production involving both studio and on-location settings. The first 2 weeks will include exposure to camera operations, editing, writing, and production planning. Final two weeks will involve production projects focusing upon USM Summer program activities, particularly the Stonecoast Writers' Conference. Participation will require some travel (to PRVTC studios). Class limited to 20 persons. Lab fee required: $20

Instructor: James Bethel
COM 399-02 Television in Transition
July 12 - July 23 Cr. 3
Monday - Friday
8:30 - 12:00 noon.
1:00 - 2:30 p.m.
This course is a workshop in the exploration of the present revolution in television communications—network, local, cable, satellite, videodiscs and cassettes. We'll examine new programming concepts and new techniques of film and electronic production, both in recording and editing; explore the economics and job opportunities; examine the social implications. The workshop will define and sharpen the skills which equip a student for participation in the medium. We will analyze and evaluate videotapes of actual shows and produce sample elements for different kinds of programs.

Instructor: Robert L. Bendick

Robert L. Bendick has spent his life in television, producing, directing and consulting. He has been producer of the Today Show; Wide, Wide World; the Bell Telephone Science Trilogy; the Emmy Awards and The America's Cup Races. He has been Director of CBS TV News, and consultant and producer for numerous specials and documentaries on music, news, science, sports and art. He has received the Peabody Award for the program The UN in Action, the Christopher Award for This is Cinema, the Ohio State Science Award for The First Look and the Albert Lasker, TV Guide and Critics' Awards for the Today Show. He was a 1978 Gold Medal winner of the International Film Festival for the best filmstrip series, Monsters and Other Science Mysteries and shared an Emmy Award in 1971 and 1972 for the series, The Great American Dream. With his wife, Jeanne Bendick, he has written and illustrated a number of books including Television Works Like This, Filming Works Like This and The Consumer's Catalog of Economy and Ecology.

COM 299-02 Writing for Children
July 12 - July 23 Cr. 3
Monday - Friday 8:30 - 12:00 noon
1:00 - 2:30 p.m.
This course will examine techniques in writing for children, from pre-school to young adult, spanning the media: print, audio-visual and television. An exploration of each medium—the differences in form, production methods and markets; the differences in approach, philosophy and money; the techniques of writing for each; the future opportunities. Participants in the workshop will produce sample stories, non-fiction articles, audio-visual scripts and TV outlines for discussion and analysis.

Instructor: Jeanne Bendick

Jeanne Bendick is one of the foremost authors of children's books in the country and a prominent writer and editor of children's television programs and films. She has written and illustrated over 75 books for children and young people, including Electronics for Young People, The Mystery of the Lock Ness Monster, Who Lives In This Meadow? Discovering Plants, The First Book of Airplanes, Why Things Work, How Heredity Works and grades one through four textbooks in science. She is a member of The Authors League, The Authors Guild, The Writers Guild of America East and The National Science Teachers Association.

ENG 505 Professional Writing
July 12 - July 23 Cr. 3
Monday - Friday, 8:30 - 12:00 noon.
1:00 - 2:30 p.m.
A graduate course in non-fiction writing. Undergraduates may be admitted with permission of the instructor. Professional writing students will prepare manuscripts of from 500 to 2,000 words on assigned topics and will meet deadlines. Outlining, researching, drafting and recruiting articles will be emphasized. Students will be required to experiment with different styles of writing. Graphics will be considered as a means of providing non-fiction writing with a supportive dimension of non-verbal communication.

Instructor: Roy A. Gallant

Roy A. Gallant, one of the nation's leading science writers and former Editor-in-Chief of the Natural History Press of New York and Executive Editor of Aldus Books, LTD., of London, has written more than 50 books and several hundred magazine articles. He has had articles published in OMNI and is a regular contributor to SCIENCE 82, published by AAAS. His book, Our Universe, with more than half a million copies sold during the first year (1980-1981), is The National Geographic Society's all time best seller. Among his recent books are The Constellations: How They Came to Be; The Planets; Memory: How It Works; and Fires in the Sky. Gallant is Director of the University of Southern Maine's Southworth Planetarium and is Adjunct Professor of English.

Admission is contingent on submission of a sample of the student's writing, published or unpublished. Work in progress may be submitted in place of completed work. A brief description of educational background—degrees, dates and major subject areas should be included. The material with a stamped, self-addressed envelope should be sent to:
Professor Roy A. Gallant
c/o Summer School Office
University of Southern Maine
96 Falmouth Street
Portland, Maine 04103
USM Day Care Center
Open 7:30 a.m. - 5:00 p.m.
Monday - Friday
Ages 2½ - 5 years old
The Day Care Center provides time for free play activities, structured teacher directed group activities, and time for the children to spend with a small group of friends or by themselves. Morning snack, lunch, and afternoon snack are provided and nap-time is part of the children’s day.
For further information and fees contact the Center:
Hall School
23 Orono Road
Portland, Maine
Phone: 773-0881

Creative Movement for the 2½ - 4 Year Old
June 22 - August 10
Tuesday only, 10:00 - 10:45 a.m.
Cost: $40
Hill Gymnasium, Gorham campus
Some classes will meet outdoors
The young child and participating adult will learn creative movement and muscle strengthening activities. The child will also be encouraged to move independently to discover that moving to music, rhythms of percussion instruments and sounds of voice can be an inspiration to improvise. Lots of song and dance conclude each session with time for socializing and free play. Ages 2½ - 4
Instructor: Susan Nelson
For more information consult the Department of Community Programs (780-4045)

Creative Movement for the Young Child
June 22 - August 10
Tuesday only, 11:00 - 11:45 a.m.
Cost: $40
Hill Gymnasium, Gorham campus
Some classes will meet outdoors
While refining such motor skills as walking, slapping, galloping, jumping and leaping, children will learn a creative approach to discovering more about themselves, others and the world around them. Ages 5 - 7
Instructor: Susan Nelson
For more information consult the Department of Community Programs (780-4045)
Children's Art Workshop
June 28 - July 23
Monday - Friday
8:30 - 11:30 a.m. class
11:30 - 1:00 Supervised Lunch and Recreation (Children should bring or be prepared to buy lunch)
Cost: $55 - Children of USM students who are registered for summer courses
$95 - Other children
Registration at the first class meeting
3 Robbie - Andrews, Gorham
Limit: 35 children
This course will offer children studio experiences in a variety of two and three dimensional art media; working in depth, both in materials and time, beyond what is customarily possible in school art programs. Two weeks will be devoted to projects exploring color, and two weeks will be devoted to explorations of form. A final exhibition is planned. For the art-interested student, grades 2 - 5. Faculty: 3 recent USM art education graduates, all certified art teachers.
For more information call 780-4076

Poetry Writing for Children
July 12 - 23
Monday - Friday 2:00 - 4:30 p.m.
Supervised recreation 1:00 - 2:00, if desired
Cost: $35 - Children of USM students who are registered for summer courses
$55 - Other children
Limit: 20 Children
Registration and initial meeting, July 12, 1:00 p.m., Summer School Office, Lobby, Corthell Hall, Gorham campus.
This course will identify and develop the imagination and sense of play in language to which most children already have access. By utilizing specific forms, exercises, and samples, the class will learn to think and write metaphorically, mixing the senses and freely associating in personal self-expression. Grades 3 - 6.
Instructor: Deborah Ward
For more information call 780-4076

Fiction Writing for Children
July 12 - July 23
Monday - Friday
9:30 - 12:00 noon
Costs: $35 - Children of USM students who are registered for summer courses
$55 - Other children
Limit: 20 children
Registration and initial meeting, July 12, 1:00 p.m., Summer School Office, Lobby, Corthell Hall, Gorham campus.
This course will introduce children to the form of the short story exploring the fundamental elements of plot, character, setting, conflict, and resolution. Attention will be given to the differences in writing from experience and writing from imagination. Student work will be discussed in class. Grades 3 - 6
Instructor: Dennis Gilbert
General Education Requirements

Note: During 1981-82 the Faculty Senate of the University of Southern Maine is implementing a new Core Curriculum as the General Education Requirement for all baccalaureate candidates. The full Core Curriculum may be in place in the fall term of 1982. During this interim year 1981-82, the General Education Requirement for new students is outlined below.

General Education Courses and Equivalents - 1981-82

I. Minimum Proficiencies for Effective College Study (no credit)
   Must be satisfied in the freshman year. Sophomores who have not demonstrated writing and mathematics proficiencies will be preregistered into appropriate courses.

   A. Writing Proficiency Requirement - Do ONE
      1. Score 43-54 on TWSE
      2. Pass ENG 009 (credit applies only toward selected studies)
      3. Pass a locally administered examination in English writing

   B. Mathematics Proficiency Requirement - Do ONE
      1. Score 450 on SAT mathematics subtest
      2. Pass MS 011 (credit applies only toward associate degrees)

II. Basic Competence (3 or 6 credit hours)
    Must be completed by the end of the sophomore year.

   A. English Composition - Do ONE .................................................. 3 or 0 credit hours
      1. ENG 100 or 101 ................................................................. 3
      2. Score 55 or better on TSWE .................................................. 0
      3. SCORE 500 on CLEP English test ......................................... 3
      4. Satisfy composition standards by second week in ENG 100
         or 101 .................................................................................. 0

   B. Quantitative Decision Making - Do ONE ........................................... 3 credit hours
      1. MS 100 or above ................................................................. 3
      2. Computer: BUS 390, CS 100, CS 160 ...................................... 3
      3. Statistics: MS 120, PSY 201, SOC 307 .................................... 3

III. AREAS OF INQUIRY (27 semester hours)

   AREA 1: Humanities
   6 credits from:
   
   CLS Classics
   CPEN Comparative Literature
   CORE Interdisciplinary (CORE 101)
   ENG English (ENG 010/100/101 excluded)
   FRE French
   GMN German
   GRK Greek
   LAT Latin
   PLY Philosophy
   SPN Spanish

   AREA 2: Fine and Applied Arts
   6 credits from:
   
   ARTH Art History and Appreciation
   ARTS Art Studio
   DNCE Dance
   MUS Music
   THE Theatre
for All Baccalaureate Candidates

**AREA 3: Sciences and Mathematics**
3 credits from:
- ASTR  Astronomy
- BIO  Biology
- CHEM  Chemistry
- CORE  Interdisciplinary (CORE 102)
- CS  Computer Science
- ESCI  Earth Science
- GEOL  Geology
- GSCI  General Science
- MET  Meteorology
- MS  Mathematics
- OCN  Oceanography
- PHYS  Physics
- PSCI  Physical Science

Note: Upon applying to the upper division nursing major, pre-nursing candidates must have completed their science requirements within the last eight (8) years.

**AREA 4: Social Sciences**
6 credits from:
- ANY  Anthropology
- COM  Communication
- CORE  Interdisciplinary (CORE 101 and 102)
- CJ  Criminal Justice
- ECON  Economics
- GEOG  Geography
- HIST  History
- POL  Political Science
- PSY  Psychology
- SOC  Sociology
- SWE  Social Welfare

**AREA 5: General**
6 credits from:
- CAS  College of Arts & Sciences topical courses.
- CORE  Interdisciplinary (CORE 101 and 102)
- *PE  Physical Education
- *RLS  Recreation/Leisure

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*The College of Arts and Sciences and the School of Nursing require no physical education courses but accept optional PE or RLS credits in Area 5. The School of Nursing accepts no more than 3 PE or RLS credits in Area 5. School of Business, Economics and Management requires no PE but accepts optional PE or RLS credits in Area 5 for 4-year business administration and accounting majors only. The College of Education requires a year of physical education but accepts no PE credits as applicable to Area 5. (Certain students in the College of Education may be exempted from all PE requirements under criteria described in the USM general catalog having to do with the College of Education.)*

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"One ought, every day at least, to hear a little song, read a good poem, see a fine picture, and, if it were possible, to speak a few reasonable words."  
Johann Wolfgang von Goethe (1749-1832)

"What is the city but the people?"  
William Shakespeare (1564-1616)

Coriolanus
Graduate Study

Students holding a baccalaureate degree may register for graduate courses (courses with a number of 500) even though they have not been accepted into a degree program, providing there is space for them in the course. A matriculated graduate student is one who has been accepted for admission into a graduate program. Matriculated graduate students are given first preference for enrollment in graduate courses.

Special Information

The special policies and procedures contained on this page apply to graduate students only. For additional policies and procedures which are applicable to graduate students and not described here, please refer to following pages.

Application to Graduate Study

Application for admission to a program of graduate study should be made to: Director of Graduate Education, College of Education; or Dean, School of Business, Economics and Management. To be admitted to a graduate program, an applicant must have received a baccalaureate degree from an accredited college or university and, as judged by previous scholastic record or otherwise, must show promise of ability to pursue advanced study and research.

All applicants, except those for the M.B.A. program, are required to provide the results of their performance on either the Graduate Record Examination or Miller Analogies Test. Applications for the Master of Business Administration program should present scores from the Graduate Management Admission Test in lieu of GRE scores or MAT scores.

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

Matriculated graduate students have first priority on all graduate courses.

Late Registration Policy

Students who elect to register for a course after the Friday before the session begins (see above) must (1) attend the first and/or second class meeting, (2) complete registration forms no later than the second class meeting and (3) pay a late fee of $25.
Registration Policies

1. Matriculated graduate education students are given the first preference for enrollment in courses.
2. All students must meet course prerequisites.
3. Students may not add a course after the second class has met.
4. Dropping all courses constitutes a withdrawal and the Withdrawal - Tuition Refund Policy stated on previous page is effective.
5. Changes to or from Pass - Fail, Audit and Repeat must be completed at the Registrar’s Office before the second class meeting.
6. Registrations, add/drops and withdrawals must be completed on the Gorham campus.

Graduate Education Registration

Walk-in Registration: Walk-in registration will be processed only from April 12 through the Friday before each session begins. The procedures are as follows:
1. Complete Registration Form and secure the signature of your advisor or Director of Graduate Education.
2. Submit completed form and pick up course cards in Office of Graduate Education, 408 Bailey Hall, Gorham.
3. Submit form, course cards, and payment to Business Office, Corbett Hall, Gorham.

Mail-In Registration: Mail-in registrations will be processed April 12 through the Friday before each session begins. The procedures are as follows:
1. Complete Registration Form and secure the signature of your advisor or Director of Graduate Education.
2. Mail completed forms along with proper payment to:
   University of Southern Maine
   Dean’s Office
   School of Business,
   Economics and Management
   Bonney Hall
   Portland, Maine 04103
3. Submit forms, course cards, and payment to Business Office, Corbett Hall, Gorham.

Graduate Business Registration

Walk-In Registration: Students must complete registration procedures described in following pages.

Mail-In Registration: The procedures are as follows:
1. Complete and return the Registration Form and Tuition and Fees Computation Form in this publication.
2. Mail completed forms along with proper payment to:
   University of Southern Maine
   Dean’s Office
   School of Business,
   Economics and Management
   Bonney Hall
   Portland, Maine 04103

Incomplete registration forms and/or forms received with partial payment will be returned to student. Mail registrations must be received by the Friday before the session begins. Registrations, add/drops and withdrawals must be completed on the Portland campus.

Graduate Arts and Sciences Registration

University of Southern Maine
Office of Graduate Studies
408 Bailey Hall
Gorham, Maine 04038

or

University of Southern Maine
Advising and Information Department
96 Falmouth Street
Portland, Maine 04103

The Portland String Quartet at USM

The University of Southern Maine through its Quartet in Residence, offers an exceptional program of study for string players. Teaching all aspects of string instruction from string methods courses for music education majors to private applied lessons for performance majors, the Portland String Quartet has established a dynamic international program in string education for the University of Southern Maine.

Since its inception in 1969, the Portland String Quartet has been performing and teaching throughout the United States, Latin America and Europe. Touring internationally for the U.S. State Department and managed by American International Artists of New York City, The Portland String Quartet has received consistent high acclaim and has become one of the world’s leading ensembles.
Undergraduate
Registration

At the University of Southern Maine, anyone is welcome to take courses in the sum-
ner and during the academic year even though they have not been accepted
into undergraduate degree program. Such students are referred to as “special
or non-degree students.” Before registering, students should read carefully
the course pre-requisite requirements in the course description. Advising is
available through the Advising and In-
formation Department (AID). See the
General Information (AID) section in
this catalog.

Special students can later elect to pursue
a degree by going through the admis-
sions process, and once accepted will
have appropriate completed courses ap-
plied toward their program.

To register for an undergraduate course
see the following pages on registration
procedures.

Registration Dates: April 12 through the
first class day.

Undergraduate
Degree Candidates

Degree candidates are applicants who
satisfy admission standards of the
University. Undergraduate students who
wish degree status must apply to the
Director of Admissions, University of
Southern Maine. By definition, degree
candidates are those who have been ac-
cepted by the Committee on Admis-
sions.

The University of Southern Maine
does not discriminate on the basis of
race, color, creed, sex, age, marital
status, national origin or handicap, in
the recruitment and employment of
faculty and staff, or in the operation
of, and access to, any of its programs
and activities, as specified by Federal
and State Laws and regulations. The
designated coordinator for the Univer-
sity compliance with these laws is the
Director of Equal Employment Op-
portunity.

Pass-Fail, Audit and Repeats

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

Audit Registration

Students who are not interested in secur-
ing credits to use at the University of
Maine or elsewhere, may register for
courses on a non-credit basis. With a
non-credit registration, the student may
participate in class work, the same way
as a credit student, but he or she is not
required to take examinations.

A non-credit registrant should be warn-
ed however, that State Departments of
Education do not accept for certification
or other purposes, any courses taken on
a non-credit basis. An audit registrant is
required to pay the regular tuition charge.
Multiple Campus Registration
Students who wish to register for courses at other University of Maine campuses in addition to courses at USM should contact the Registrar's Office to complete the proper forms before registering with the Advising and Information Department.

Registration Changes
Students may not add a new course after the second class has met. Changes to or from pass-fail, audit, and repeat must be done at the Registrar's Office before the second class meeting.

To add or drop a course or make other changes after registration is completed, an undergraduate student must complete the proper forms at the Registrar's Office on the Portland campus.

Transportation
Students living at the Gorham campus but taking one or more courses at the Portland campus must provide their own transportation. The campuses are ten miles apart and Route 25 which connects the two campuses, is subject to periods of relatively heavy traffic. Adequate time should therefore be allowed for commuting.

Gas Savers Special
The summer course schedule was especially designed to enable students to drive to the campus, stay over one or two nights in dormitory on the Gorham campus (see Living Accommodations), and enjoy campus activities and use of the Library.

Important: 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 ½ of the course, the student will receive a grade designation to be determined by the instructor.

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

Walk-In Registration
All students taking undergraduate courses, graduate business courses, and graduate arts and sciences courses may register in person at the Advising and Information Department in Payson Smith Hall on the Portland campus through the second class meeting. All students taking graduate education courses must register with the Office of Graduate Studies, 408 Bailey Hall, Gorham.

Mail Registration
Complete and return the Registration Form and Tuition and Fees Computation Form found in this publication. Fill in all applicable information and return it with proper payment to:

University of Southern Maine
Advising and Information Department
96 Falmouth Street
Portland, Maine 04103

Incomplete registration forms and/or forms received with partial payment will be returned to the student. Mail registrations must be received by Friday before the session begins.

Late Registration
Students in attendance at the first and/or second class meeting must complete registration forms not later than the second class meeting or a late fee of $25 will be charged. A late fee is also assessed when a student fails to satisfy his or her financial obligation with the business office when due and payable.

Variable Credit Courses
Students wishing to register for variable credit courses must complete a Variable Credit Approval Form in the Registrar’s Office, obtain proper approval, and specify the credit hours for which they will register.
Tuition

Undergraduate students: $42 per credit hour
Graduate students: $48 per credit hour

Payment

Payment of tuition and/or fees in full is required at the time of registration. Checks should be made payable to the University of Maine (foreign students should send payment in U.S. currency). Other payment plans available include Master Card and Visa. Contact the University of Southern Maine Business Office for details.

When paying institutional charges by check, a $5.00 penalty is imposed if the check is returned because of an irregularity for which the person submitting the check is responsible.

All money—tuition, course fees and housing—must be paid at the Business Office, either campus.

Payment By Employer Or Agency

A student whose employer or federal and/or state agency has agreed to pay directly to the University, part or all of the student's tuition or text cost, should furnish the USM Business Office with a purchase order or a letter in duplicate covering the costs to be underwritten by the employer or agency, or in the case of military personnel, an approved request for tuition assistance.

Tuition Waiver For Senior Citizens

The Board of Trustees of the University of Maine has authorized a waiver of tuition for persons over age 65 who wish to register for undergraduate courses at any campus of the University of Maine. Permission to enroll will be granted on an individual basis if there is space available in the course.

Persons age 65 or over who wish to request permission for a waiver of tuition should contact the Registrar's Office for credit courses or the Department of Community Programs for non-credit courses. Senior Citizens must state their status at the time of registration. All requests for credit courses will be processed during the working days immediately preceding the start of the session in which the desired courses are offered.

Refund Policy Tuition

To assure uniformity and fairness to all, the following refund policy has been established, both in regard to tuition and also in regard to room and board, in case a student withdraws from classes and/or dormitory arrangements before or during a session.

A total refund may be granted only when the withdrawal and/or application for refund is made before the start of a given session. In cases where a partial refund is called for, the following refund rates will apply.

University Fees are not refundable.

Four and Seven week courses
Time of withdrawal
Refund Percentage
1st Week ..................75%
2nd Week ..................50%
3rd Week ..................25%
(No refunds granted after third week of class)
See inside of front cover

Adjustment of Tuition and Fees

The financial requirements of the University, changing costs, state and legislative action and other matters may require an adjustment of charges and expenses. The University reserves the right to make such adjustments to the estimated charges and expenses as may, from time to time, be necessary in the opinion of the Board of Trustees up to the date of final registration. The applicant acknowledges this reservation by the submission of any application for admission or by registration.
Tuition, Fees and Housing Computation Form

I. TUITION
A. If you are a graduate student (degree or special):
   Number of credits ____________ × $48/credit = $ ____________
B. If you are an undergraduate (degree or special):
   Number of credits ____________ × $42/credit = $ ____________

II. LAB OR COURSE FEES (when applicable)
   A. Course number _______________ Section number ____________ Fee $ ____________
   B. Course number _______________ Section number ____________ Fee $ ____________

III. HOUSING (if applicable)
   A. Double room ($5.00/night). Number of nights ____
      Dates: From ___________ to ___________ (no linen) $ ____________
   B. Single room ($7.50/night). Number of nights ____
      Dates: From ___________ to ___________ (no linen) $ ____________

Be sure to submit the Housing Application form (Housing Section) with this form.

TOTAL SUBMITTED $ ____________

Complete the Reverse Side

Method of Payment
☐ Check or Money Order — Enclosed is $ ___________
☐ Charge to my: ☐ Master Card ☐ Visa
Account Number __________________________
Expiration date of card __________________________
Credit card signature __________________________

Please Note: Registrations not accompanied by payment for the correct amount will be returned. If you have any questions, please call the Central Billing Office in Gorham at (207) 780-5200.
REGISTRATION FORM
University of Southern Maine

Date 1982 Summer

Social Security Number

Name
Last First Middle

Home Address
Street City State ZIP Telephone

Bus. or Local Address
Organization or Street City State ZIP Telephone

Is Address Listed Above the Same or Different than the Previous Registration?
Home Address: ❑ Same ❑ Different Local Address: ❑ Same ❑ Different

<table>
<thead>
<tr>
<th>Course</th>
<th>Dept.</th>
<th>No.</th>
<th>Sec.</th>
<th>Course Title</th>
<th>Campus Loc.</th>
<th>Starting Date</th>
<th>Cr. Hrs.</th>
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Advisor Approval

Dean's Approval

Total Cr. (If more than 18 credits)

Will you register at another UM campus this Semester? ❑ Yes ❑ No
❑ Married ❑ Single ❑ Male ❑ Female

Birthdate

If you consider yourself to be a member of one of the following ethnic groups, please check:
❑ American Black (B) ❑ American Indian (I) ❑ American Oriental (O) ❑ Spanish Surnamed American (S)

Degrees earned:
❑ Associate ❑ Baccalaureate ❑ Masters ❑ Doctorate

Residency Declaration (for full description, see Catalog)
I hereby certify that I have been a permanent resident of the State of Maine for at least one year prior to the start of the semester indicated above. (If you are already classified by the University as a non-resident student, this declaration will not change that classification.)

Signature

Country of Citizenship if not U.S.

Residency? I ❑ O ❑ N ❑ New Office Use Only
Newly admitted candidate? Y ❑ N ❑ MULTI ❑ N ❑

Major ❑ ❑ Level ❑ ❑

DIRECTORY EXCLUSION
The Family Rights and Privacy Act of 1974 (The Buckley Amendment) intends to protect the privacy of students with regard to access to and release of their records and personal data maintained by the University. Full details of the Act may be obtained from the Registrar's Office on either campus. The University of Southern Maine will maintain student’s name, class, major, home and local address in a directory for release unless the student completes a Public Directory Exclusion form in the Registrar’s Office. The student must be aware however, that the Registrar will suppress this information from all inquiries, including family, prospective employers, and friends of those opting exclusion from the directory. Only those university personnel with an educational need to know and others outlined in the Family Rights and Privacy Act will be permitted access to the information. The only exception to this would be an emergency situation.
The love of learning, the sequestered nooks, and all the sweet serenity of books.

Henry Wadsworth Longfellow (1807 -1882)

Morituri Salutamus

Library Hours

Portland and Gorham Campuses

May 17 - August 26
Monday - Thursday: 8:00 a.m. - 8:00 p.m.
Friday: 8:00 a.m. - 4:30 p.m.
Saturday: 8:00 a.m. - 12:00 noon
Sunday: closed

Closed Monday, May 31 (Memorial Day) and Monday, July 5 (Independence Day)

Exception: Gorham campus only

July 23 - August 26
Monday - Friday: 8:00 a.m. - 4:30 p.m.
Saturday: closed
Sunday: closed

Both the Portland and Gorham libraries contain general information on most subject areas; however, specialized materials in business and nursing are concentrated in Portland, while education and fine arts holdings are located in Gorham. Reference librarians are available on both campuses to assist users.

Bookstore Hours

Portland and Gorham Campuses

May 10 - August 20
Monday - Friday: 8:30 a.m. - 3:00 p.m.
Extended Hours, Portland and Gorham: May 17 - May 20, Monday - Thursday 8:30 a.m. - 7:30 p.m.
Extended Hours, Portland only:

July 6 - July 8
Tuesday - Thursday 8:30 a.m. - 7:30 p.m.
Closed: May 31 (Memorial Day)
July 5 (Independence Day)
June 29 and June 30 (Inventory)
August 23 - August 27
Monday - Friday: 8:30 a.m. - 4:00 p.m.

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 prepay check before USM Bookstores ship the textbooks.

Please note: Textbooks for a Gorham campus course are located ONLY in the Gorham Bookcellar, and Portland-course books are ONLY in the University Store on that campus.

Books purchased at the University Bookstores may be returned (if the course is dropped) only within 10 days from the date of purchase, and upon presentation of the register receipt. Books must be in new saleable condition—i.e. not written in.
The Grading System

Grades at the University are given in terms of letters, with the option of a "+" or "−" designation, representing levels of achievement. The basis for determining a grade is the relative extent to which the student has achieved the objectives of the course. The student's work in each course is graded as follows:

A— High honors.
B— Honors.
C— Satisfactory, successful, and respectable meeting of the course objectives.
D— Low-level work, below the average required for graduation for an undergraduate, and a failing grade for a graduate student. In addition, individual departments may limit the number of D grades accepted, as stated in the department sections of the USM general catalog. The paragraph on "Minimum Grade Policy" and "Repeating Courses" should also be noted.
F— Failure to meet the course objectives.
P— Pass: given only for certain courses open to the pass-fail option.
I— Incomplete: a temporary grade given when the student because of extraordinary circumstances has failed to complete the course requirements. Incomplete grades "I" must be resolved by the end of each semester, the Registrar shall notify faculty members involved, and their department chairperson, of students who have carried unresolved incompletes on their transcripts for one semester. If the incomplete is not resolved by the instructor an "I" grade will be automatically counted as an "F" (failure) in the grade point average and so indicated on the student's permanent record. Under special circumstances, the instructor may request that the dean extend the time limit for a specific period.
INC— Permanent Incomplete: When a temporary incomplete (I) grade is not resolved to a normal letter grade, a permanent complete may be assigned in extraordinary circumstances as determined by the instructor and the dean. In unusual circumstances wherein the faculty member is no longer available, the dean may exercise this function.
MG— Missing Grade: Occasionally, faculty assign students invalid grades for a course, or fail to submit a grade for a particular student in a course. In these cases, the Registrar's Office will note this act by designating a "missing grade" "MG" instead of a grade for the course. Missing Grades, "MG," must be resolved by the end of each semester. The Registrar shall notify faculty members involved, and their departmental chairperson, of students who have carried unresolved "MG's" on their transcripts for one semester. If the missing grade is not resolved by the instructor, an "MG" grade will be automatically counted as an "F" (failure) in the grade point average and so indicated on the student’s permanent record. Under special circumstances, the instructor may request that the dean extend the time for a specific period.
W— Withdrawal after the second week through the sixth week of a semester: If a student has not officially withdrawn by the end of the sixth week of the course, one of the above regular grades, normally F, will be assigned. The W notation may be obtained after the sixth week under unusual circumstances if so determined by the instructor and the dean. A threat of failure is not considered to be an unusual circumstance.
Y— Satisfactory progress after one semester of a two-semester course: grade and credits to be given upon completion of the second semester.
AU— Student attended courses on a non-credit basis.

Academic Record Changes

Considerable care is taken to insure that course registration and grades entered on a student’s permanent record are accurate. Any student who suspects an error has been made should take the matter up immediately with the Registrar’s Office. Records are assumed to be correct if a student does not report to the Registrar’s Office within one year of the completion of a course. At that time, the record becomes permanent and cannot be changed.
Grade-Point Averages

The academic standing of each student is computed by the Registrar at the end of the summer session. The following table represents the rating scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade Points Per Credit Hour</th>
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<tbody>
<tr>
<td>A</td>
<td>4.00</td>
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<tr>
<td>A-</td>
<td>3.67</td>
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<tr>
<td>B+</td>
<td>3.33</td>
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<tr>
<td>B</td>
<td>3.00</td>
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<tr>
<td>B-</td>
<td>2.67</td>
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<td>C+</td>
<td>2.33</td>
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<tr>
<td>C</td>
<td>2.00</td>
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<tr>
<td>C-</td>
<td>1.67</td>
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<tr>
<td>D+</td>
<td>1.33</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
</tr>
</tbody>
</table>

To compute the grade-point average for the semester, first multiply the grade points earned in each course by the number of credit hours assigned to that course. The resulting product is the number of quality points for that course. Then divide the total number of quality points earned during the semester by the total number of credits carried in that semester. The result is carried out to four decimal places to produce the grade-point average for that semester.

To compute the cumulative grade-point average, divide the total quality points earned by the total credits attempted in all semesters.

Audit Policy

Students who register to audit a course receive no credit for the course but will have an audit grade recorded on their transcripts. Audit courses must be declared at registration.

Degree Applications

Students who expect to complete either associate or baccalaureate degree requirements this summer should submit an application for degree card. Degree Application cards are available at the office of the Registrar.

Certificate for Teachers

Certificates for teaching in Maine are issued, upon completion of the necessary requirements in elementary or secondary education and the special fields, by the State Department of Education, Augusta, Maine. Contact the State Department of Education 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 current certificate.

Grades and Transcripts

Grade reports will be mailed to students at their home address of record by the University Registrar within approximately two weeks after the end of the session. Grade reports represent the only notification to students of their performance in given courses.

Students desiring official documentation of work completed during Summer Sessions must complete a Transcript Request Form at the Office of the Registrar. 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 for a single copy plus $1 for additional copies ordered at the same time. There is no charge for transcripts sent within the University of Maine system.

Independent Study

All courses entitled "Independent Study" require the use of a special advanced approval form, which may be obtained upon request from the Registrar's Office. This form must be completed in advance of registration.

LOOK UP!

July 5 and 6, 1982
An eclipse of the moon will begin at 11:22 p.m. on July 5th and end at 5:40 a.m. on July 6th!
On the night of July 6th, the planets Mars, Saturn and Jupiter will be the closest together until the year 2001! The three planets occurring together is called a Triple conjunction.
Courtesy of George H. Ayers, Associate Professor of Physical Science, University of Southern Maine

STARWALKS

Water Tower, Gorham campus 9:00 p.m. Free
June 17, June 24, June 29, July 6, July 13
George H. Ayers, Associate Professor of Physical Science, University of Southern Maine.
Campus

Gorham campus living accommodations for the Summer Session are available between June 20 and August 21. Rooms may be rented on a nightly basis or for the duration of a summer course. Students who want a room for just one or a few nights should make their reservations before 1:00 p.m. of the day (night) they wish to stay to be sure of a room. The summer course schedule was especially designed to enable students to drive to the campus, stay over one or two nights in the dormitory on the Gorham campus and enjoy campus activities and use of the library. Students wishing a room for more than just a few nights should submit the Residence Hall Application on the next page with their course registration form to be certain of accommodations.

The room rate is $5.00 per night for a double room and $7.50 per night for a single room. In order to offer these low rates the University asks that students bring their own linen, towels, blankets (one is usually enough) and pillows. They may also wish to bring a desk lamp and an iron. Residence hall furnishings normally include a bed, desk, study chair, closets, a chest of drawers and overhead light.

Meals in the Dining Center are available on an a la carte system. Health and fire safety regulations prohibit cooking or preparation of meals in the residence halls. Pets may not be kept in the residence hall.

For additional information consult the Residence Life Office, 100 Upton Hall, Gorham campus. Phone: 780-5240

Motels in the Gorham and Portland Area

Best Western Executive Inn
645 Congress St., Portland, Maine
(207) 773-8181

Holiday Inn - Downtown
88 Spring St., Portland, Maine
(207) 775-2311

Holiday Inn - West
81 Riverside, Portland, Maine
(207) 774-5601

Howard Johnson's
155 Riverside, Portland, Maine
(207) 774-5861

John Martin's Merry Manor Inn
700 Main St., South Portland, Maine
(207) 774-6151

Quality Inn-Friendship
738 Main St., South Portland, Maine
(207) 774-5891

Ramada Inn
1230 Congress St., Portland, Maine
(207) 774-5611

Sheraton Inn
363 Maine Mall Road, South Portland, Maine
(207) 775-6161

This is a partial listing. For a complete listing of hotels-motels in the area contact:

Maine Publicity Bureau
142 Free Street
Portland, Maine
(207) 772-2811
### Camping Areas Near the University of Southern Maine

- **Rickover Camping**
  Wood Road, RFD 5, Box S, Gorham, Maine 04038
- **Wassamki Springs Camping Area**
  855P Saco St., Westbrook, Maine 04092
- **Highland Lake Park**
  Rte. 302, Windham, Maine 04062
- **Bayley’s Campground**
  Ross Road, Pine Point, Maine 04074
- **Wild Duck Camping Area**
  37 Dunstan Landing Road, Scarborough, Maine 04074
- **Cascadia Park**
  U.S. 1 at 98, Saco, Maine 04072
- **Homestead Campground**
  Route 5, Biddeford, Maine 04005
- **Sebago Basin Camping Area**
  Box 178P, No. Windham, Maine 04062
- **Simpson’s Sebago Lake Campground**
  RD#1, Box 561B, Sebago Lake, Maine 04075
- **Virginia Park**
  Box 239, Old Orchard Beach, Maine 04064
- **Wild Acres**
  Saco Ave., Rte 5, Old Orchard Beach, Maine 04064
- **Powder Horn Camping**
  Hwy 98, Old Orchard Beach, Maine 04064

This is a partial listing. For additional campsite contact:
- **Maine Publicity Bureau**
  142 Free Street
  Portland, Maine
  (207) 772-2811

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### University of Southern Maine Residence Hall Application

#### Summer Session 1982

(Please print or type all information.)

<table>
<thead>
<tr>
<th>Mr.</th>
<th>Name: Ms. ____________________________</th>
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</thead>
<tbody>
<tr>
<td>Address:</td>
<td># and Street</td>
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<tr>
<td>Occupation:</td>
<td>Soc. Sec. #:</td>
</tr>
<tr>
<td>Birthdate:</td>
<td></td>
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<tr>
<td>Name of Preferred Roommate:</td>
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<tr>
<td>Any Medical Considerations that might affect room assignment:</td>
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</tbody>
</table>

Rooms are available between June 20 and August 21. The daily rate is $5.00 per night for a double and $7.50 per night for a single. Please fill in the exact dates you would like to occupy a room. Due to the academic schedule (2 or 3 meetings per week), you may occupy a room for only one, two or three nights per week. Please note, however, that you may not leave your belongings in the room for additional days because the room may be assigned to someone else for the remainder of the week.

**Dates Requested for Housing:**

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<th>Start Date</th>
<th>End Date</th>
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</table>

(Students should bring their own linen, pillows, blankets and towels)

The room application and reservation is not complete until payment is received. Therefore, payment should accompany this application.

**Double** _____ **Single** _____ **Number of Nights** _____

**Total Amount Submitted:** $ __________

Send this application with your course application form to the appropriate registration office as listed under the registration section.
The University offers meals and snacks at reasonable a la carte prices on both campuses. The Portland Cafeteria, basement of Payson Smith Hall, is open Monday - Friday, 7:30 a.m. to 1:00 p.m. The Gorham Dining Center serves breakfast 7:30 - 8:30 a.m., lunch 11:30 - 1:00 p.m. and dinner 5:00 - 6:30 p.m.
A Few Special Spots off Campus

This is a partial listing. For a complete listing of restaurants in the area contact:

Maine Publicity Bureau
142 Free Street
Portland, Maine
(207) 772-2811

PORTLAND'S OLD PORT EXCHANGE AREA

Carbur's, Choose from a 21 page menu of every type of sandwich combination. Open daily from 12:00 p.m. to 12:00 a.m. Happy Hour begins at 9:00 p.m. Located at 123 Middle St. in the Old Port Exchange. Prices from $2.95-$5.95. Phone: 772-7994

The Seaman's Club, Famous for their homemade breads, soups and desserts, the Seaman's Club serves breakfast, lunch and dinner. Open from 7:00 a.m. -10:00 p.m. Monday - Saturday and serving Brunch from 1:00 a.m. - 2:00 p.m. on Sunday. Prices from $2.95-4.95 for lunch and $4.95-$9.95 for dinner located at 375 Fore St.

The Baker's Table, Choose gourmet specialties from a varied menu. Lunch from 11:30 - 2:30 p.m. Dinner from 5:30-9:30. Champagne Sunday Brunch from 11:00 a.m. - 2:00. Located at 434 Fore St. Phone 775-0303.

Cafe Domus, A basement coffee house featuring stews, spinach and mushroom quiche, salads, sandwiches and desserts. Open Monday - Wednesday 10:00 a.m.- 9:00 p.m. Thursday 10:00 a.m. - 11:00 p.m. and Friday and Saturday from 10:00 a.m. - 12:00 p.m. Closed Sundays. Located at 10 Exchange St., in the Old Port Exchange.

Old Port Tavern, Features fish, chicken and steak plus a wide variety of sandwiches for lunch. Lunch is served from 11:00 a.m. - 2:00 p.m. and dinner is served from 5:00 p.m. - 10:00 p.m. Prices range from $2.95-$6.95. Located at the top of the Old Port Exchange on 11 Moulton St.

Horsefeathers, Features a wide variety of salads, soups, sandwiches, desserts and horsd'oeuvres. Open for lunch and dinner 7 days a week. Prices range from $2.95-$6.95. Located at the Top of the Old Port. Phone: 773-3501.

F. Parker Reidy's, Located at 83 Exchange St., in a former bank building, Reidy's features steak and seafood delicacies. Open daily from 11:30-11:00, Sunday 4:30 - 11:00 and featuring a late evening menu from 11:00 p.m. - 12:30. Lunch prices begin at $2.50 - $4.25 and dinner ranges from $6.50 - $9.50.

Wine Cafe, Located at 154 Middle St. in the Old Port Exchange features an extensive selection of wines and cheeses, pates and cheese plates. A constantly changing menu of sandwiches and desserts is also available. Prices from $4.00 -$6.00. Phone: 772-8885

PORTLAND

The Art Gallery, Features seafoods, steaks, and Maine lobster. Cocktail lounge. Open daily. Dinners start at $5.95-$10.95. Located in downtown Portland at 121 Center St. Phone: 774-2030

Village Cafe, Specializing in spaghetti, pizza, lasagna, veal parmesan. Also offer American food. Closed Sundays. Located at 112 Newbury St., off India St. in Portland. Dinners from $4.95-$9.95. Phone: 772-5320

Tortilla Flat, Featuring Mexican food and drinks at 1871 Forest Ave in Portland. Open 11:30-11:00 Monday-Saturday. Sunday 4:00 p.m. - 10:00 p.m. Prices from $2.95-$5.95. Phone: 797-8729.

Valle's Steak House, Featuring a varied menu of steak and seafood. Prices from $4.95-$12.95.Located at Exit 8 of the Maine Turnpike.

Roma Cafe, Specializing in Italian cuisine in an elegant atmosphere. Located at 769 Congress St. Dinner prices start at $5.80-$11.95. Phone: 773-9873

Boone's, Featuring seafood delicacies. Located at 6 Custom House Wharf on the Waterfront in Portland. Prices for dinner start at $6.25-$16.75. Phone: 774-5725

The Great Lost Bear, Features sandwiches, steaks, salads and seafood dishes. Located at 540 Forest Ave. Prices start at $5.45-$7.95 for dinner. Phone: 772-0300

SOUTH PORTLAND

Marketplace Restaurant, Features prime rib, broiled scrod, and an unlimited soup and salad cart. Serving lunch and dinner 7 days a week. Lunch prices begin at $2.95-$4.95, dinner from $6.95-$12.95. Phone: 772-3754. Located at the Maine Mall in South Portland.

Merry Manor, Features seafoods, steaks and Maine lobster. Open daily for lunch and dinner. Prices from $3.95-$10.95. Located at 700 Main St. in South Portland. Phone: 775-5642

GORHAM

Gorham Station, Featuring steaks and seafood. Located on Elm St., in Gorham. Serving lunch and dinner 7 days a week. Prices from $7.50 - $10.95 for dinner.

FALMOUTH FORESIDE

The Galley, Specializing in seafood, located on Foreside Road, Route 88 in Falmouth Foreside featuring a fantastic view of Casco Bay. Dinners from $7.50- $11.95. Phone: 781-4262

CAPE ELIZABETH

Crescent Beach Inn, located on Crescent Beach in Cape Elizabeth. Featuring steak and seafood. Dinners range from $7.95 - $9.95. Phone: 799-2196

PROUT'S NECK

Black Point Inn, Located on Prout's Neck with a view of the ocean. Featuring steak, seafood, chicken at a standard price of $14.00 which includes everything. Phone: 883-4311
Campus Health Facilities

To provide adequate student health services, Portland and Gorham campuses maintain an infirmary with full-time registered nurses and a physician on call who are available for consultation, first aid, and temporary emergency care.

Campus Activities and Recreation

The Student Union Building at Portland and the Student Center at Gorham are available for recreational activities such as chess and checkers, playing cards, backgammon and pool. Magazines of general interest are available in the lounges.

The gymnasium on both campuses are available for basketball, handball, squash and physical conditioning. Tennis courts on the Gorham campus and at Deering Oaks Park in Portland, may also be used by Summer Session students.

The Portland and Gorham campuses will present a number of plays, concerts, poetry readings, films, planetarium shows, and field trips during the month of July. Students are encouraged to enjoy these events which are without charge or at a reduced fee. Please see the USM Activities calendar in the center of this publication for dates and times.

Veteran’s Benefits

Continuing students eligible for Veterans Administration Education Benefits will only be required to complete the request for certification form in addition to other required registration material. Students not previously certified should contact the Veterans Coordinator in the Advising and Information Department for information on certification requirements. The Veterans Coordinator and the Advising and Information Department in Payson Smith Hall are available to work with veterans on any problems they may have.

No Pets

Every summer the Department of Police and Safety experiences problems with people bringing pets on campus.

Every year we deal with the death or severe injury to pets that are left in vehicles. We have also experienced problems with people who leave their pets attached to vehicles with ropes or chains, and finally people who let their pets roam free in violation of the leash law.

Therefore, it is imperative that you do not bring your pets with you while attending classes at the University.
Advising and Information Department

The Advising and Information Department (AID) provides academic advising and counseling services for students who are in a state of transition, students undecided as to their majors, degree candidates who are admitted on a conditional basis and non-degree students.

The Advising and Information assists students with the development of their academic and vocational interests. The academic counseling staff is available to students who wish to share their academic backgrounds, previous job training, work and leisure activities and other life experiences for the purpose of establishing some future direction which may include a program in higher education.

The department provides academic advisement to help students make decisions regarding the schools/colleges which they will enter, the curriculum or major they plan to pursue and the selection of appropriate courses for which they should register.

AID also serves as a central information bank for the University community and the general public. The department's task is to collect and disseminate academic information as well as to provide general university information to the maximum extent possible. The department operates an information booth in the lobby of Payson Smith Hall on the Portland campus.

When appropriate, AID staff will make referrals to other offices which can provide more detailed information or more complete services.

Veteran's services offices are part of the Advising and Information Department and provide advice and certification regarding V.A. benefits, information on workstudy and tutorial assistance, etc. Other responsibilities include counseling, outreach, recruitment and special education.

Attendance Policy

The attendance policy is left to the discretion of the individual faculty member. Each semester, it is the responsibility of the faculty member to inform the students in each class of the attendance requirements for the class.

USM System of Course Numbering

001-009 No Degree Credit
010-099 Associate Degree Program
100-199 Introductory Level
200-399 Intermediate Level
400-499 Senior Level, others by permission
500-599 Graduate Level
600-699 Professional Graduate Level as in the School of Law

Note:
1. All courses with number 100 or greater carry credit and quality points toward both associate degrees (A.A. and A.S.) and baccalaureate degrees (B.S., B.A., B.F.A.).
2. All courses carrying number 010-099 carry credit and quality points toward an associate degree.
3. Matriculated baccalaureate students should not register for courses with numbers less than 100.
4. Associate degree students who wish to transfer to a baccalaureate program should see their prospective dean for a transcript evaluation and complete a Change of Major form. Some programs require a minimum QPA for transfer into a four-year program. Generally up to 60 credits (but not quality points) of courses numbered 010-099 with grades C or better may be included towards a baccalaureate degree at the discretion of the dean.

Key to Course Listings

Classes will meet in the room and building indicated in the class schedule. However, students should check University bulletin boards for changes in room schedules.

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>PAYS</td>
<td>Payson Smith Hall</td>
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<td>BAIL</td>
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<td>LUTH</td>
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<td>RA</td>
<td>Robie/Andrews Basement</td>
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<td>ACAD</td>
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<td>SCI</td>
<td>Science Building</td>
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<td>GYM P</td>
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<td>IEDC</td>
<td>Industrial Education Center</td>
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<td>CORT</td>
<td>Corthell Hall</td>
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<td>GYM G</td>
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<td>RUSS</td>
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</table>
EDPS 598-01 Summer Institute: Group Leadership
This course is an extension of basic knowledge and practice in group dynamics and leadership. Emphasis will be on the development of concepts, attitudes, and skills necessary in leading groups. Class members will participate in the group process and serve as a co-facilitator. Prerequisite: EDPS 562 or equivalent. Cr 3.

EDPS 598-02 Counseling the Learning Disabled Child and His/Her Family
This institute is designed to provide participants with an understanding of the learning disabled child and his/her family. Counseling and educational strategies will be introduced, discussed, and practiced. Cr 3.

EDPS 598-03 Information Technology and Human Services: What You Can Expect in the Eighties
The human service worker, counselor, teacher, or administrator is faced with some unique opportunities during this decade. Information technology - television, micro-computers, satellites - offers the capacity to come into contact with people and information rapidly and inexpensively. This course is designed to expose the participant to both the technologies and their uses. Cr 3.

EDPS 598-04 Assessment of Children's Intelligence and Special Abilities
This institute is designed for students in special education and counselor education. Numerous tests in the areas of intelligence, achievement, perceptual-motor skills, adaptive behavior and behavior will be examined. Students will develop an understanding of the assessment process. Cr 3.

EDPY 599 Independent Study
To provide students the opportunity to pursue a project independently, planning and exploring an area of interest within the field of counselor education. It should be an intellectually sound, coherent synthesis, reflecting a high caliber of performance. The specific content and methods will be determined in conjunction with the instructor. Cr 1-6.

EDU 502 Selection and Utilization of Educational Media
A course designed to orient the pre-service and in-service teacher to current trends in instructional media. Instruction will be directed to proper selection and utilization of the latest available equipment and materials. There will be provision for associated laboratory work. Cr 3.

EDU 505 Preparation of Classroom Materials
A course designed to improve the learning environment dealing with local production of instructional materials. The lecture-demonstration method of instruction is employed throughout the course, followed immediately by a lab session in which students produce material appropriate to their needs. Intended primarily for in-service. Class limited to 18. Lab fee: 15 Cr.3.

EDU 550 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. Cr 3.

EDUA 599 Independent Study in Adult Education
Designed to encourage students to study actual problems and issues in adult education. Program planning and assessment are additional focal areas. A plan for study is arranged through the student's adviser. Cr 1-6.

EDUW 578 Robert A. Taft Institute of Government Seminars
The Taft Seminars provide teachers and librarians of elementary and secondary schools the opportunity to study the American political system through lively participation with both federal and state public officials, political activists and university instructors. The Taft Institute will be a residential program offering academic credit, tuition, texts and allowances for participants. For more information contact Dr. Irving Fisher, Political Science Department, University of Southern Maine. Cr 3.
## ADVANCED STUDIES

<table>
<thead>
<tr>
<th>Town</th>
<th>Course</th>
<th>Sec</th>
<th>Type</th>
<th>Course Title</th>
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<tr>
<td>G</td>
<td>COM 599</td>
<td>02</td>
<td>LEC</td>
<td>Pragmatic Abilities</td>
<td>COE</td>
<td>3.0</td>
<td>8:15-12:00</td>
<td>MTW</td>
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<td>EDPS 598</td>
<td>01</td>
<td>LEC</td>
<td>Group Leadership</td>
<td>COE</td>
<td>3.0</td>
<td>8:00-4:00</td>
<td>MTW</td>
<td>BAIL</td>
<td>205</td>
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<td>EDPS 598</td>
<td>02</td>
<td>LEC</td>
<td>Counsel Learn Disabled Child</td>
<td>COE</td>
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<td>EDPS 598</td>
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<td>Information System Human Sv.</td>
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<td>EDPS 598</td>
<td>04</td>
<td>LEC</td>
<td>Assessment-Child's Intelligence</td>
<td>COE</td>
<td>3.0</td>
<td>8:30-4:30</td>
<td>MTW</td>
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<td>EDU 502</td>
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<td>LEC</td>
<td>Selection of Edu Media</td>
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<td>3.0</td>
<td>8:15-11:30</td>
<td>MTW</td>
<td>BAIL</td>
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<td>EDU 505</td>
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<td>Prep Classroom Materials</td>
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<td>8:15-2:45</td>
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<td>EDU 550</td>
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<td>Research Methods &amp; Techniques</td>
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<td>EDUW 578</td>
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<td>Robert A. Taft Institute</td>
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<td>EDUX 521</td>
<td>01</td>
<td>LEC</td>
<td>Catalog &amp; Class Media Lib</td>
<td>This course runs from July 7th to July 19th</td>
<td>3.0</td>
<td>8:15-11:30</td>
<td>MTW</td>
<td>LaChance</td>
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<td>EDUX 531</td>
<td>01</td>
<td>LEC</td>
<td>Instruct Media Ctr/Adm</td>
<td>This is a Utah State University course</td>
<td>3.0</td>
<td>12:30-3:45</td>
<td>MTW</td>
<td>LaChance</td>
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<td>G</td>
<td>SCED 599</td>
<td>01</td>
<td>LEC</td>
<td>Human Genetics for High School Biology Teachers</td>
<td>This course runs from June 6th to June 16th</td>
<td>3.0</td>
<td>8:30-12:30</td>
<td>MTW</td>
<td>BAIL</td>
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<td>Greenwood</td>
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<td>SCED 599</td>
<td>02</td>
<td>LEC</td>
<td>Human Genetics for Educators</td>
<td>This course runs from June 6th to July 16th</td>
<td>3.0</td>
<td>8:30-12:30</td>
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<td>Greenwood</td>
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**EDUX 521 Cataloging & Classification**
(UTah State University graduate course)
Fundamental methods and techniques of cataloging and classification of media materials. 
Cr 3.

**EDUX 531 Instructional Media Center Administration**
(UTah State University graduate course)
Individualized course designed for potential instructional media center administrator. Prepares administrator to design instructional media center policy for controlling, planning, organizing, directing, staffing, and budgeting, and establishes subsequent procedure for each policy area. 
Cr 3.

**IEP 599 Independent Study**
To provide graduate students who have demonstrated critical and analytical capability an opportunity to pursue a project independently, charting a course and exploring an area of interest within their major field, bearing upon it previous course experiences and emerging with an intellectually sound, coherent synthesis, or an artistic or technical creation reflecting a high caliber of performance. 
Cr 3.

**SCED 599-01 Human Genetics for High School Biology Teachers**
This two-week course will include a discussion of basic genetics, prenatal diagnosis of genetic disorders, cytogenetics and genetic screening, counseling and engineering. Demonstrations of genetic projects and teaching materials suitable for high school students will be included. 
Cr 3.

**SCED 599-02 Human Genetics for Educators**
This course is designed to introduce teachers, K-8, to basic human genetics, prenatal and newborn screening, genetic counseling, genetic teaching materials suitable for K-8 instruction and discussions relating to children's medical problems which might be encountered in the classroom. 
Cr 3.
ANY 101 Anthropology: The Cultural View
This course is a basic introductory survey of cultural anthropology. It examines the differences between cultures as well as cultural universals, and the relationship between social organization, ideology, economics, and political structure in different types of societies. It reviews the various theoretical approaches in cultural anthropology's attempt to explain human behavior, presenting examples from "primitive," intermediate, and complex cultures through readings and films. This course is required for all majors concentrating in anthropology. Credit 3.

ARTH 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. Prerequisite: preference given candidates for matriculation in the Department of Art, or those with permission of the instructor. Credit 3.

ARTH 112 History of Art II
A continuation of ARTH 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. Prerequisite: preference given candidates for matriculation in the Department of Art, or those with permission of the instructor. Credit 3.

ARTH 311 Maine Architecture
A study of traditional Maine architecture including aesthetic, social, environmental needs and influences. Field trips to local sites of architectural interest are a feature of this course. No prerequisites. Credit 3.

ARTH 151 Fundamental Drawing I
The craft and concepts of making drawings, stimulated by the forms, spaces, and images of the tangible world, an introduction to marking tools and surfaces. Exposure to places, events, and objects with the purpose of stimulating the need to draw. Prerequisite: preference given candidates for matriculation in the Department of Art, or those with permission of the instructor. Credit 3.

ARTH 231 Ceramics
An introduction to methods and processes of clay forming, including modeling, pressing, handbuilding, and the potter's wheel. Emphasis on form and texture, with aspects of glaze composition and firing procedures. Prerequisite: art core courses. Credit 3.

ARTH 271 Photography
Photography as a creative medium. Provision of basic skills in the use of the camera and laboratory equipment. Investigation and practice in the fundamental techniques and processes of black and white photography as an art form. Prerequisite: art core courses. Credit 3.

ARTH 331/332 Intermediate Ceramics
Application of design principles in production of ceramicware with a concentration on advanced problems in wheel-thrown forms and hand building sculptures. Prerequisite: ARTH 231. Credit 3/3.

ARTH 379 Workshop in Creative Photography
The course is designed to provide students the opportunity to work with others exploring photography on a creative, intensive level. Students must have a basic working knowledge of black and white photographic procedures. Credit 3.
GEOGRAPHY & ANTHROPOLOGY

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<td>P</td>
<td>ANY 101</td>
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<td>LEC</td>
<td>Anthropology: the Cultural View</td>
<td>CAS</td>
<td>3.0</td>
<td>8:15-11:30</td>
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ART

| P    | ARTH 111 | 01  | LEC  | History of Art I | CAS  | 3.0  | 8:15-11:30 | MTW  | LUTH  | 403 | Schiferl | 30 | 2       |
| P    | ARTH 112 | 01  | LEC  | History of Art II | CAS  | 3.0  | 8:15-11:30 | MTW  | LUTH  | 403 | Schiferl | 30 | 3       |
| P    | ARTH 311 | 01  | LEC  | Maine Architecture | CAS  | 3.0  | 4:00-6:40 | TTH  | LUTH  | 403 | TBA    | 30 | 4       |
| P    | ARTS 151 | 01  | SDO  | Fund Drawing I | CAS  | 3.0  | 8:15-11:30 | MTW  | LUTH  | 425 | TBA    | 25 | 3       |
| G    | ARTS 231 | 01  | SDO  | Ceramics | CAS  | 3.0  | 8:15-11:30 | MTW  | RA    | 20  | Franklin | 20 | 3       |
| G    | ARTS 271 | 01  | SDO  | Photography | CAS  | 3.0  | 8:15-11:30 | MTW  | RA    | 5   | Marasco | 20 | 2       |
| G    | ARTS 331 | 01  | SDO  | Interm Ceramics | CAS  | 3.0  | 8:15-11:30 | MTW  | RA    | 20  | Franklin | 5  | 3       |
| G    | ARTS 379 | 01  | SDO  | Photography Workshop | CAS  | 3.0  | 8:15-4:00 | MTWTF | RA    | 5   | Marasco/DeWater | 20 | 7       |

BIOLOGY

| P    | BIO 101 | 01  | LEC  | Biological Principles | CAS  | 3.0  | 7:00-9:40 | MW   | SCI   | 305 | Najarian | 75 | 1       |
| P    | BIO 102 | L1  | LAB  | Biological Experiences | CAS  | 1.0  | 4:00-6:00 | MW   | SCI   | 203 | Najarian | 40 | 1       |
| G    | BIO 200 | 01  | LEC  | Human Heredity & Embryology | CAS  | 3.0  | 8:30-12:30 | MTWTF | BAIL  | 113 | Greenwood | 30 | 7       |
| P    | BIO 281 | 01  | LEC  | Microbiology and Disease | CAS  | 3.0  | 8:15-10:45 | TTH  | SCI   | 208 | Najarian | 40 | 4       |
| P    | BIO 282 | L1  | LAB  | Microbiology and Disease Lab | CAS  | 2.0  | 12:30-3:30 | TTH  | SCI   | 405 | Najarian | 24 | 4       |

BIO 101 Biological Principles
An introduction to the structure and function of animal and plant systems in terms of cells, molecules, energy, and heredity. Offered fall and spring semesters. Cr 3.

BIO 102 Biological Experiences
Laboratory studies of the structure, function, and reproduction of cells and examination of representative animals and plants. Offered fall and spring semesters. Cr 1.

BIO 200 Human Heredity and Embryology
This course presents the fundamental principles of genetics and embryology as they apply to humans. The influence of nutrition, drugs, viruses and physical agents on development will be discussed. Prerequisite: grade of "C" or higher in BIO 101. NOT open to students who have passed BIO 203. Cr 3.

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 101, 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.

**Whale Watch aboard the Viking**
Sun Friday, May 21, 1982
Call the Summer School Office
780-4076 for Reservations
Cost: $16
BUS 101 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.

BUS 102 Financial and 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: BUS 101. Cr 3.

BUS 199 Applied Programming: COBOL I
This course is an introduction to programming in the COBOL language. Course content will include practice in the structure, rules, and vocabulary of COBOL through exercises in structured problem analysis, program specification techniques, and coding. Programs will focus on simple business problems and generally accepted business procedures. Prerequisite: BUS 091 or 290. Cr 3.

BUS 320 Business Finance
This course deals with the promotion, organization, and financing of the single proprietorship, partnership, and corporation. It also utilizes advanced cases and problems related to the above topics. Prerequisites: ECON 101 and ECON 102. 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: ECON 101 and 102. Cr 3.

BUS 360 Marketing
Explores the "marketing concept" and considers the effect of product place, promotion and price on strategic planning. Investigates the components of market research, target marketing, positioning and other related issues. Prerequisites: ECON 101 and ECON 102. Cr 3.

BUS 365 Operations Research/Management Science
A survey of quantitative methods and tools which are commonly used in sophisticated managerial decision-making. Mathematical models are constructed and applied, with the computer's aid, to a wide range of realworld business situations. Topical coverage includes decision analysis, inventory models, network analysis, simulation, queuing models, applied stochastic processes, dynamic programming and non-linear programming. Prerequisites: MS 109, 110, 211, 212. Cr 3.

BUS 380 Business Law
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 390 Introduction to Computers in Business
The role of the computer as an aid in managerial decision-making. Computer operation and programming fundamentals including flow charting and program writing in one of the common computer program languages emphasizing business applications. Cr 3.
UNDERGRADUATE AND GRADUATE BUSINESS

BUS 395 Cooperative Education - Business Administration I
The student has the opportunity to relate academic knowledge to practical experience in the business world. The University makes 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 faculty. Open to sophomores, juniors, and seniors in the School of Business, Economics and Management with permission. Cr 1-5.

BUS 396 Cooperative Education - Business Administration II
Open to sophomores, juniors, and seniors in the School of Business, Economics and Management with permission. Prerequisite; BUS 395. Cr 1-5.

BUS 397 Cooperative Education - Business Administration III
Open to juniors and seniors in the School of Business, Economics and Management with permission. Prerequisite; BUS 396. Cr 1-5.

BUS 490 Independent Readings and Research in Business
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 chairman of the department. Cr 1-6.

BUS 560 Financial Management
A consideration of management decisions in the administration of corporate funds. Specific areas covered include capital budgeting, inventory control, working capital management, and the cost of capital. The side effects of taxation, depreciation methods, and earnings retention policies are noted. Current capital structure patterns are analyzed and evaluated. Prerequisites: one course in finance. Cr 3.

BUS 573 Market Research and Analysis
A study of the procedure and applications of market research. Such areas as the organization and operation of a research department, survey methods, experimentation, measurement of potential demand, and the analysis of distribution costs are considered. Emphasis on developing the student's ability to apply these and other techniques toward the solution of marketing problems. Prerequisites: BUS 570 and one course in statistics. Cr 3.
BUS 011 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.

BUS 012 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: BUS 011. Cr 3.

BUS 022 Real Estate Law
A study of real property law in general and Maine law in particular, land titles, acquisition and transfer, methods of ownership, rights of husband and wife, rights of landlord and tenant, easements, fixtures, land descriptions, mortgages, deeds, taxes, contracts, legal elements of brokerage relationship, selected environmental and land use regulations, coastal island registry, physical regulations of subdivisions, zoning and selected federal laws. (Completion of this course with a grade of 75, or better, provides one-third of an approved course of study for those who wish to prepare for the State of Maine real estate brokers license examination.) Offered only in the evening. Cr 3.

BUS 023 Real Estate Practice
The course reviews the basic functions of the practicing real estate broker. Discussed are topics such as form of business organization, listing and sales procedures, financing, advertising, federal regulation through the Fair Housing Act and Truth-in-Lending Law, sources of financing, closing procedures, Realtor Code of Ethics, an introduction to tax aspects on real estate transaction. (Completion of this course with a 75, or better, provides one-third of an approved course of study for those who wish to prepare for the State of Maine real estate brokers license examination.) Offered only in the evening. Cr 3.

BUS 025 Real Estate Valuation
This course develops a working knowledge of real estate value and valuation, a familiarity with construction methods and terms, working knowledge of the laws, codes and ordinances which control the development of real estate. (Completion of this course with a grade of 75, or better, provides one third of an approved course of study for those who wish to prepare for the State of Maine real estate brokers license examination.) Offered only in the evening. Cr 3.

BUS 090 Introduction to Computers in Business
This course focuses on the role of the computer as an aid in managerial decision making. Computer operation and programming fundamentals including flowcharting and program writing in one of the common computer programming languages emphasizes business applications. Provides a basic knowledge of computer concepts; “hands on” problem solving with the computer; and the impact of computers on the business world. Required for ABA program. Transfers to baccalaureate program, but does not replace BUS 390. Cr 3.

BUS 093 Human Relations in Business
Introduction to the behavioral sciences, emphasizing typical behavioral problems faced in business by employees and management. Lectures, case analysis, and outside readings are supplemented by involving the student in role playing and analyzing collected data. Cr 3.

CHEM 199 Understanding Chemistry
To develop understanding, skills and confidence in the study of chemistry fundamentals, including problem analysis and solution; to prepare for successful study in CHEM 113 Qualitative Principles in Chemistry. Individualized instruction includes lecture, recitation and tutorial sessions. High school chemistry not necessary. Cr 3.
19  Monday
Readings: Stonecoast Writers’ Conference
3:30 p.m. Hastings Formal Lounge, Gorham Campus. Free
7:00 p.m. Luther Bonney Auditorium, Portland Campus. Free

20  Tuesday
Concert: Ronald Cole, piano; Rhonda Martin, voice; Eugene Jones, clarinet.
Russell Auditorium, Gorham Campus. 8:00 p.m. $5.00.
Readings: Stonecoast Writers’ Conference
3:30 p.m. Hastings Formal Lounge, Gorham Campus. Free.
7:00 p.m. Luther Bonney Auditorium, Portland Campus. Free.

21  Wednesday
Plants of Maine (field trip, 2 - 3 hours)
Harold Hackett. Library entrance, Bailey Hall, Gorham Campus. 3:30 p.m. Free.

22 - 23  Thursday - Friday
Comedy: Jacques Brel Is Alive and Well and Living in Paris. Russell Auditorium, Gorham Campus. 8:00 p.m. $5.00*.

22  Thursday
Readings: Stonecoast Writers’ Conference
3:30 p.m. Hastings Formal Lounge, Gorham Campus. Free.
7:00 p.m. Luther Bonney Auditorium, Portland Campus. Free.

23  Friday
Planetarium Show: Southworth Planetarium, Science Building, Portland Campus. 7:30 p.m. Adults $1.50, Children .75.

24  Saturday
Concert: Music Camp. Russell Auditorium, Gorham Campus. 2:30 p.m. Free.
Concert: Portland String Quartet.
Russell Auditorium, Gorham Campus 8:00 p.m. $5.00*.

25  Sunday
Comedy: Jacques Brel Is Alive and Well and Living in Paris. Russell Auditorium, Gorham Campus. 8:00 p.m. $5.00*.

26  Monday
Summer Session 6 begins: See catalog for courses.

27 - 31  Tuesday - Saturday
Comedy: Jacques Brel Is Alive and Well and Living in Paris. Russell Auditorium, Gorham Campus. 8:00 p.m. $5.00*.

30  Friday
Planetarium Show: Southworth Planetarium, Science Building, Portland Campus. 7:30 p.m. Adults $1.50, Children .75.

5 - 7  Thursday - Saturday
Musical: Fantasticks by Tom Jones and Harvey Schmidt. Russell Auditorium, Gorham Campus. 8:00 p.m. $5.00*.

6  Friday
Planetarium Show: Southworth Planetarium, Science Building, Portland Campus. 7:30 p.m. Adults $1.50, Children .75.

8  Sunday
Musical: Fantasticks. Russell Auditorium, Gorham Campus. 2:30 p.m. $5.00*.

11 - 14  Wednesday - Saturday
Musical: Fantasticks. Russell Auditorium, Gorham Campus. 8:00 p.m. $5.00*.

15  Sunday
Musical: Fantasticks. Russell Auditorium, Gorham Campus. 2:30 p.m. $5.00*.

MID AUGUST SEPTEMBER
Sunday - Thursday
Art Exhibit: Thomas R. Higgins. 1981 All Maine Biennial Solo Exhibition Award Winner.
August: 2:00 p.m. - 8:00 p.m. Free
* $2.00 for University of Southern Maine Students and senior citizens. Summer Season tickets are available from the Summer School Office for all the events in Russell Auditorium:
  a. Concert Series (5 Concerts): $22.00
  b. Theater Series (3 Productions): 12.00
  c. Both Series: 30.00
All correspondence should be directed to: University of Southern Maine, Summer School Office, 96 Falmouth Street, Portland, Maine 04103

**ELDERHOSTEL**

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 60 or to those whose spouse or companion qualifies. The challenging and exciting courses taught by regular faculty members of USM are non-credit. There are no exams, no grades, no required homework. Lack of formal education is not a barrier.

**Week I:** June 13 - 19, 1982 Individual Privacy in an Age of Computers by John Houlihan; Infectious Diseases and History by Haig Najarian; The American Band from 1800 by John Boden.

**Week II:** June 20 - 26, 1982 Economic Issues by James Lohmeyer; Short History of the Arabs by Haig Najarian; Memory, Drawing and Collage by Jo-Anna Moore.

**Week III:** June 27 - July 3, 1982 Economic Issues by James Lohmeyer; Sensing the Earth from Space by Robert French; Historical Areas of Greater Portland by Joel Eastman.

**Week IV:** July 11 - 17, 1982 Music in America: The Colonial Days by Eugene Jones; The House of Atreus: Aeschylus' Oresteia Trilogy by Gloria Duclos; Astronomy by Roy Gallant.

**MAY**

17 Monday
Summer Sessions 1 and 2 begin. See catalog for courses.

21 Friday
Whale Watch aboard the Viking Sun. For reservations and information call 780-4076. $16.00

**JUNE**

5 Saturday
Alumni Day. Consult the Alumni Office, 780-4110, for details.

June 13 - Sunday - August 21 Thursday
Art Exhibit Convocation theme photographs on “The City” from the Library of Congress, plus photographs of the City of Portland by contemporary photographers C.C. Church, Andy Ford and Michael Rowell. 2:00 p.m. - 8:00 p.m. Free

16 Wednesday
Film: to be announced. 10 Bailey Hall, Gorham Campus. 7:00 p.m. Free.

17 Thursday
Starwalk: George Ayers. Water tower, Gorham Campus. 9:00 p.m. Free.

20 Sunday
Film: Zorba the Greek (in English). 10 Bailey Hall, Gorham Campus. Free.

21 Monday
Summer Session 3 begins. See catalog for courses.
<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Events</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Tuesday</td>
<td>Concert: Horn Recital John Boden. Russell Auditorium, Gorham Campus. 8:00 p.m. $5.00.*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Film: The Iphigenia (Greek film with English subtitles), followed by discussion. 10 Bailey Hall, Gorham Campus. 7:00 p.m. Free.</td>
</tr>
<tr>
<td>23</td>
<td>Wednesday</td>
<td>Film: The Iphigenia (Greek film with English subtitles), followed by discussion. 10 Bailey Hall, Gorham Campus. 7:00 p.m. Free.</td>
</tr>
<tr>
<td>24</td>
<td>Thursday</td>
<td>Starwalk: George Ayers, Water tower, Gorham Campus. 9:00 p.m. Free. Film: Galileo followed by discussion. 10 Bailey Hall, Gorham Campus. 7:00 p.m. Free.</td>
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<tr>
<td>28</td>
<td>Monday</td>
<td>Summer Session 5 begins. See catalog for courses. Starwalk: George Ayers, Water tower, Gorham Campus. 9:00 p.m. Free.</td>
</tr>
<tr>
<td>29</td>
<td>Tuesday</td>
<td>Starwalk: George Ayers. Water tower, Gorham Campus. 9:00 p.m. Free. Film: The Seven Percent Solution. Hastings Formal Lounge, Gorham Campus. 7:00 p.m. Free.</td>
</tr>
<tr>
<td>30</td>
<td>Wednesday</td>
<td>Film: The Seven Percent Solution. Hastings Formal Lounge, Gorham Campus. 7:00 p.m. Free.</td>
</tr>
<tr>
<td>9, 11</td>
<td>Friday, Sunday</td>
<td>Plants of Maine (field trip, 2 - 3 hours) Harold Hackett. Library entrance, Bailey Hall, Gorham Campus. 3:30 p.m. Free. Planetarium Show: Southworth Planetarium, Science Building, Portland Campus. 7:30 p.m. Adults $1.50, Children $0.75.</td>
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<tr>
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<td></td>
<td><strong>SOUTHWORTH PLANETARIUM</strong></td>
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<td>The Southworth Planetarium offers shows of the planets and stars of the summer sky. The Planetarium was donated by Mrs. Constant Southworth in memory of her husband, a prominent Portland publisher. In the gallery area surrounding the Planetarium is an exhibition of paintings from the atlas, Our Universe (written by the Planetarium Director, Roy A. Gallant). The paintings were a gift to the University of Southern Maine from the National Geographic Society.</td>
</tr>
<tr>
<td>11</td>
<td>Sunday</td>
<td>Musical: Music Man. Russell Auditorium, Gorham Campus. 8:00 p.m. $5.00.*</td>
</tr>
<tr>
<td>12</td>
<td>Monday</td>
<td>Reading: Stonecoast Writers’ Conference. Luther Bonney Auditorium, Portland Campus. 7:00 p.m. Free. Concert: Clarinet Recital, Eugene Jones. Russell Auditorium, Gorham Campus. 8:00 p.m. $5.00.</td>
</tr>
<tr>
<td>12 - 23</td>
<td></td>
<td><strong>STONECOAST WRITER’S CONFERENCE</strong></td>
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<tr>
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<td></td>
<td>The Stonecoast Writers’ Conference is for students, teachers, and the public seeking to improve their written work for personal satisfaction or publication. The staff consisting of distinguished writers such as Elizabeth Spires, David St. John, Alix Kates Shulman and George Garrett will present a series of public readings.</td>
</tr>
</tbody>
</table>
12 - 23 EXPLOREATIONS IN COMMUNICATION INSTITUTE

Explorations in Communication Institute is designed for people interested in various modes of communication from video production to the writing of books and articles for publication. Among other activities, students will write articles about summer events at USM and Greater Portland's 350th Celebration. The faculty includes Robert Bendick, prominent television producer and director; Jeanne Bendick, author and illustrator of children's books and writer and editor of children's television programs and films; and Roy A. Gallant, distinguished science writer.

13 - 16 Tuesday - Friday

Musical: Music Man. Russell Auditorium, Gorham Campus, 8:00 p.m. $5.00*.

13 Tuesday

Readings: Stonecoast Writers' Conference
3:30 p.m. Hastings Formal Lounge, Gorham Campus. Free
7:00 p.m. Luther Bonney Auditorium, Portland Campus.

Starwalk: George Ayers, Water tower, Gorham Campus. 9:00 p.m. Free

14 Wednesday

Film: to be announced. 10 Bailey Hall, Gorham Campus. 7:00 p.m. Free

Plants of Maine (field trip, 2 - 3 hours) Harold Hackett. Library Entrance, Bailey Hall, Gorham Campus. 3:30 p.m. Free

15 Thursday

Readings: Stonecoast Writers' Conference
3:30 p.m. Hastings Formal Lounge, Gorham Campus. Free
7:00 p.m. Luther Bonney Auditorium, Portland Campus. Free

16 Friday

Readings: Stonecoast Writers' Conference
3:30 p.m. Hastings Formal Lounge, Gorham Campus. Free
7:00 p.m. Luther Bonney Auditorium, Portland Campus. Free

Planetarium Show: Southworth Planetarium, Science Building, Portland Campus. 7:30 p.m. Adults $1.50, Children .75

17 Saturday

Musical: Music Man. Russell Auditorium, Gorham Campus. 2:30 p.m. and 8:00 p.m. $5.00*.

18 Sunday

Planetarium Show: Southworth Planetarium, Science Building, Portland Campus. 7:30 p.m. Adults $1.50, Children .75

Concert: Portland String Quartet. Russell Auditorium, Gorham Campus. 8:00 p.m. $5.00

PORTLAND STRING QUARTET

Stephen Kecksemethy, violinist; Ronald Lantz, violinist; Julia Adams, violinist; Paul Ross, cellist. July 18 - 24, 1982, the Portland String Quartet, in residence at the University of Southern Maine, presents a course, Chamber Music Institute, for teachers interested in expanding their teaching and performing abilities. The Portland String Quartet displays the immaculate intonation, fine balance and intensity of sound that any quartet can be proud of.
### ASSOCIATE BUSINESS PROGRAM

<table>
<thead>
<tr>
<th>Town</th>
<th>Course</th>
<th>Sec</th>
<th>Type</th>
<th>Course Title</th>
<th>Col.</th>
<th>Cr.</th>
<th>Time</th>
<th>Days</th>
<th>Bldg.</th>
<th>Rm.</th>
<th>Instr.</th>
<th>Sz.</th>
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<tr>
<td>P</td>
<td>BUS 011</td>
<td>01</td>
<td>LEC</td>
<td>Princ of Accounting I</td>
<td>SBE</td>
<td>3.0</td>
<td>7:00-9:40</td>
<td>MW</td>
<td>PAYS</td>
<td>202</td>
<td>Kim</td>
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<tr>
<td>P</td>
<td>BUS 012</td>
<td>01</td>
<td>LEC</td>
<td>Princ of Accounting II</td>
<td>SBE</td>
<td>3.0</td>
<td>7:00-9:40</td>
<td>TTH</td>
<td>PAYS</td>
<td>209</td>
<td>Kim</td>
<td>40</td>
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<tr>
<td>P</td>
<td>BUS 022</td>
<td>01</td>
<td>LEC</td>
<td>Real Estate Law</td>
<td>SBE</td>
<td>3.0</td>
<td>7:00-9:40</td>
<td>M</td>
<td>LUTH</td>
<td>410</td>
<td>TBA</td>
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<td>P</td>
<td>BUS 023</td>
<td>01</td>
<td>LEC</td>
<td>Real Estate Practice</td>
<td>SBE</td>
<td>3.0</td>
<td>7:00-9:40</td>
<td>T</td>
<td>LUTH</td>
<td>410</td>
<td>TBA</td>
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<td>P</td>
<td>BUS 025</td>
<td>01</td>
<td>LEC</td>
<td>Real Property Valuation</td>
<td>SBE</td>
<td>3.0</td>
<td>7:00-9:40</td>
<td>W</td>
<td>LUTH</td>
<td>410</td>
<td>TBA</td>
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<td>P</td>
<td>BUS 090</td>
<td>01</td>
<td>LEC</td>
<td>Intro to Computers in Business</td>
<td>SBE</td>
<td>3.0</td>
<td>4:00-6:40</td>
<td>TTH</td>
<td>PAYS</td>
<td>204</td>
<td>TBA</td>
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<tr>
<td>P</td>
<td>BUS 093</td>
<td>01</td>
<td>LEC</td>
<td>Human Relations in Business</td>
<td>SBE</td>
<td>3.0</td>
<td>7:00-9:40</td>
<td>MW</td>
<td>PAYS</td>
<td>205</td>
<td>TBA</td>
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### CHEMISTRY

| P    | CHEM 199| 01  | LEC  | Understanding Chemistry          | CAS  | 3.0  | 4:00-6:40 | T      | ILC   | A     | Sylvia | 24 | 1       |
| P    | CHEM 251| 01  | LEC  | Fund of Organic Chemistry        | CAS  | 3.0  | 8:30-11:10| T      | SCI   | 165   | Smith  | 30 | 7       |
| P    | CHEM 252| L1  | LAB  | Basic Lab Tech Organic Chem      | CAS  | 1.5  | 1:00-4:00 | MTW    | SCI   | 363   | Smith  | 30 | 7       |
| P    | CHEM 252| R1  | REC  | Basic Lab Tech Organic Chem      | CAS  | 1.0  | 11:00-12:00| MTW    | SCI   | 362   | Smith  | 30 | 7       |
| P    | CHEM 253| 01  | LEC  | Organic Chemistry II             | CAS  | 3.0  | 8:45-10:30| MTWT   | SCI   | 165   | Smith  | 30 | 7       |
| P    | CHEM 254| L1  | LAB  | Organic Chemistry Lab Recit II    | CAS  | 1.5  | 1:00-4:00 | MTW    | SCI   | 363   | Smith  | 30 | 7       |
| P    | CHEM 254| R1  | REC  | Organic Chemistry Lab Recit II    | CAS  | 1.0  | 11:00-12:00| MTW    | SCI   | 362   | Smith  | 30 | 7       |

**CHEM 251 Fundamentals of Organic Chemistry**
An intensive treatment of the subject within the framework of the headings: nomenclature; structure and stereochemistry; reaction types: substitution, addition, elimination and oxidation-reduction; reaction mechanisms and factors influencing them; spectroscopic techniques of structure determination (mass, nuclear magnetic resonance, ultraviolet-visible and infrared). One recitation and two lecture hours per week. Prerequisite: a grade of C or better in CHEM 115 or 215. Offered each fall semester. Cr 3.

**CHEM 252 Basic Laboratory Techniques of Organic Chemistry**
Experiments will be performed to illustrate the basic laboratory skills of crystallization, extraction, distillation, and melting and boiling point determinations. The preparation and isolation of compounds by the Friedel-Crafts and Grignard reactions will be performed. The latter part of the semester will comprise an introduction to organic qualitative analysis. One recitation and three laboratory hours per week. Offered each fall semester. Prerequisite: a grade of C or better in CHEM 115 or 215. Offered each fall semester. Cr 2.5.

**CHEM 253 Organic Chemistry II**
A continuation of CHEM 251, but with a more extensive (and intensive) investigation of the principal categories of organic reactions. Extensive problem-solving in such areas as structure determination, spectroscopy, and stereochemistry. The structures and fundamental chemical reactions of lipids, carbohydrates, proteins and nucleic acids will be presented. Three lectures per week. Offered each spring semester. Prerequisite: a grade of C or better in CHEM 251. Cr 3.

**CHEM 254 Organic Chemistry Laboratory II**
A continuation of the experiments begun in CHEM 252 on organic qualitative analysis, including solubility tests, classification tests, and preparation of derivatives. Interpretation of spectra will be introduced to assist in the process of identification of unknowns. One recitation and three laboratory hours per week. Offered each spring semester. Prerequisite: a grade of C or better in CHEM 252. Prerequisite or corequisite: CHEM 253. Cr 2.5.
CJ 310 Comparative Justice Systems
A cross-national analysis of the form and substance of modern economic and political contexts in which these systems exist, as well as their historical development. Emphasis is placed on underlying differences in theories of social control in an attempt to understand the role that justice systems and their personnel play in a variety of nation states. Also listed as POL 310 and SOC 317. Prerequisite: CJ 215.

COM 290 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, problem solving, communication flow, and other variables relevant to actual small-group interactions.

COM 299 Communication and Popular Culture
An exploration of the interdependent process of communication and the unfolding of popular culture from the expressive perspective of mass media, including contemporary film, television, and music.

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.

COM 299-02 Writing for Children
This course will examine techniques in writing for children, from pre-school to young adult, spanning the media: print, audio-visual and television. An exploration of each medium—the differences in form, production methods and markets; the differences in approach, philosophy and money; the techniques of writing for each; the future opportunities. Participants in the workshop will produce sample stories, non-fiction articles, audio-visual scripts and TV outlines for discussion and analysis.
CRIMINAL JUSTICE

<table>
<thead>
<tr>
<th>Town</th>
<th>Course</th>
<th>Sec</th>
<th>Type</th>
<th>Course Title</th>
<th>Col.</th>
<th>Cr. Hrs.</th>
<th>Time</th>
<th>Days</th>
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<tr>
<td>P</td>
<td>CJ 310</td>
<td>01</td>
<td>LEC</td>
<td>Comparative Justice</td>
<td>CAS</td>
<td>3.0</td>
<td>8:15-11:30</td>
<td>MTW</td>
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COMMUNICATION

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<th>Sec</th>
<th>Type</th>
<th>Course Title</th>
<th>Col.</th>
<th>Cr. Hrs.</th>
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<th>Days</th>
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<tr>
<td>P</td>
<td>COM 102</td>
<td>01</td>
<td>LEC</td>
<td>Intro to Communication</td>
<td>CAS</td>
<td>3.0</td>
<td>8:15-11:30</td>
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<td>G</td>
<td>COM 290</td>
<td>01</td>
<td>LEC</td>
<td>Small Group Communication</td>
<td>CAS</td>
<td>3.0</td>
<td>8:15-12:30</td>
<td>MTW</td>
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<tr>
<td>P</td>
<td>COM 299</td>
<td>01</td>
<td>LEC</td>
<td>Communication &amp; Popular Culture</td>
<td>CAS</td>
<td>3.0</td>
<td>7:00-9:40</td>
<td>TTH</td>
</tr>
<tr>
<td>G</td>
<td>COM 299</td>
<td>02</td>
<td>LEC</td>
<td>Writing for Children</td>
<td>CAS</td>
<td>3.0</td>
<td>8:30-12:00</td>
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<tr>
<th>Town</th>
<th>Course</th>
<th>Sec</th>
<th>Type</th>
<th>Course Title</th>
<th>Col.</th>
<th>Cr. Hrs.</th>
<th>Time</th>
<th>Days</th>
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</thead>
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<tr>
<td>P</td>
<td>COM 310</td>
<td>01</td>
<td>LEC</td>
<td>Nonverbal Communication</td>
<td>CAS</td>
<td>3.0</td>
<td>4:00-6:40</td>
<td>MW</td>
</tr>
<tr>
<td>G</td>
<td>COM 399</td>
<td>01</td>
<td>LEC</td>
<td>Video Production Workshop</td>
<td>CAS</td>
<td>3.0</td>
<td>8:30-12:00</td>
<td>MTW</td>
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<tr>
<td>G</td>
<td>COM 399</td>
<td>02</td>
<td>LEC</td>
<td>Television in Transition</td>
<td>CAS</td>
<td>3.0</td>
<td>8:30-12:00</td>
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<tr>
<td>P</td>
<td>COM 430</td>
<td>01</td>
<td>LEC</td>
<td>Communication Internship</td>
<td>CAS</td>
<td>1-15.0</td>
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<tr>
<td>P</td>
<td>COM 599</td>
<td>01</td>
<td>LEC</td>
<td>Pragmatic Abilities</td>
<td>CAS</td>
<td>3.0</td>
<td>8:15-12:00</td>
<td>MTWTF</td>
</tr>
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</table>

COM 310 Nonverbal Communication
A study of the effects of nonverbal factors on the process of human communication. Proxemics, body motion, paralanguage, metacomunication, and other specific areas of nonverbal behavior will be explored and examined. Each student will be required to conduct a research project and prepare a scholarly paper related to a particular area of non-verbal communication. Prerequisite: COM 102 or permission of the instructor. Cr 3.

COM 399 Workshop in Video Production
An intensive training and work-project activity in electronic video (television) production involving both studio and on-location settings. The first 2 weeks will include exposure to camera operations, editing, writing, and production planning. Final two weeks will involve production projects focusing upon USM Summer program activities, particularly the Stonecoast Writers' Conference. Participation will require some travel (to PRVTC studios). Class limited to 20 persons. Lab fee required: 20 dollars. Cr 3.

COM 430 Communication Internship
An in-depth study of experiences in specific areas of communication which is 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. Cr var.

COM 599-01 Pragmatic Abilities in Children and Adults
The course will cover the pragmatic abilities that together account for the use of language in conversation, narrative, and such non-communicative functions as problem-solving and play. Conversational abilities related to the sequential organization of conversation, coherence, repair, establishing and maintaining social role, and speech acts will be emphasized. Relevant examples from normal and non-normal populations will be given. Cr 3.
EDPY 333 Human Growth and Development
A study of significant elements in the physical, mental, emotional, and social make-up of children as they develop from infancy to adolescence. Selected case-studies and projects in the application of basic principles of growth and development to problems of adjustment to school, home, and community. Special attention is given to the developmental tasks of school-age children. 

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.

EDU 301 Elementary School Curriculum
This course is designed to provide an overview of the influences, methods, and materials that affect curriculum designs in the intermediate grades. Emphasis is given to four factors affecting curriculum development: (1) goals and objectives; (2) sources of content; (3) teaching strategies; and (4) evaluation. Prerequisite: EDPY 333.

EDU 303 Elementary Reading
This course will involve the relationship of reading skills to the typical learner, the materials used to teach him, the processes that are common approaches, and various kits used as vehicles. The student also will be exposed to the classroom, both as an observer and a participant in teaching.

EDU 305 Methods of Teaching Elementary School Mathematics
The content of this course will focus on developing techniques for teaching mathematics to elementary grade pupils. The course will be conducted mainly in the setting of a mathematics resource center, featuring manipulative devices appropriate to teaching mathematics concepts. Prerequisites: MS 131, EDPY 333, and EDU 301.

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: EDPY 333 or 335.

EDU 322 Remedial Reading
An empirical approach, relating class discussions to clinical observation. Methods by which the teacher copes with individual difficulties are explored. Testing and diagnostic work are studied and applied to subject-groups. Prerequisite: a foundations course in reading.

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 percept and example, methods of individualizing reading. The student will be expected to read children's books widely and in depth.

EDUX 399 Methods and Materials for Teaching Learning Disabled
This course reviews approaches and materials concurrently used for teaching children with learning problems. Remediation methods for perceptual, motor, cognitive, communication and academic skills will be covered as well as ways to modify existing curriculum to meet existing needs. Prerequisite: EDU 316.
## DEPARTMENT OF PROFESSIONAL EDUCATION
### EARLY CHILDHOOD AND ELEMENTARY EDUCATION

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### ECONOMICS

**ECON 101 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.

**ECON 102 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.

**ECON 350 Comparative Economic Systems**
The structures and operating principles of the major contemporary economic systems are examined and compared. Prerequisite: ECON 101. Cr 3.

**ECON 399 The Maine Economy**
This course will examine both the nonagricultural and agricultural components of the Maine economy. The nonagricultural sector will look at the traditional Big Six industries, the new growth industries, and the ascendancy of durable manufacturing. Agriculture will be viewed from the perspective of the Big Four industries and from the perspective of recent developments associated with energy costs and new values which are not necessarily economic. Cr 3.
ENG 001
Students who want to register for ENG 009 (Writing Lab), ENG 010 (Composition), or ENG 019 (Written Business Communication) should register for the appropriate section of ENG 001. During the first week of class, students will be tested and/or placed in the appropriate course. ENG 001 is a temporary designation for the three courses listed above.

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. Students may not take both ENG 100 and 101 for credit. This course cannot be used to satisfy a Humanities requirement. (Every semester). 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. (Every semester). Prerequisite: ENG 100 or 101 or waiver. Cr 3.

ENG 130 The Literature of Sport
Contemporary fiction, poetry, and drama on The Game, its players and watchers, its heroes and losers, its joy and sadness reflected in the works of such writers as Cheever, Updike, Algren, Wain, Roth, Shaw, Schulberg, Wright, Ellison, McCullers, Dickey, Williams, Moore, Ferlinghetti, Sillitoe, and many others. The social and cultural implications of sports, now and in the immediate future, will also be weighed. These include the ritualistic side of competition and spectacle; the blurring of "professional" and "amateur"; flaws in America's hero image; kid teams and adult ambitions; college conferences and academic standards; racism and nationalism in the Olympics; thrills, violence and gate receipts; winner-loser psychology; sex stereotypes; mass versus elite leisure; machismo politics and "femlib." Readings will include two anthologies, a novel, a play, and a collection of recent essays by social anthropologists. (Fall, 1982). Cr 3.

ENG 201 Fiction Writing
A course 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 on writing well-developed short stories and on understanding the basic elements of fiction. A better-than-average competence in using English is required. (Every fall). Suggested preparation: ENG 201. Cr 3.

ENG 203 Poetry Writing
A course for those who, in a creative writing course or on their own, have developed basic skills of careful, thoughtful observation and a preference for concrete details to convey emotional meanings, and who are interested in developing a sense of how poetry has been written in the past by major poets and how it is being created in the present. Emphasis will be on imitation of past and present writers and exercises that stress the elements of poetry, as well as on the development of personal approaches. (Every spring). 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. (Every semester). Cr 3.

ENG 302 Fiction Workshop
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 George Garrett and Staff Assistants. Cr 3.

ENG 303 Poetry Workshop
An advanced course in writing poetry. Intensive class discussion of students' poems, with follow-up conferences with Elizabeth Spires, David St. Johns, and staff assistants. Class assignments will explore contemporary poetic techniques and perspectives. Cr 3.
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**ENG 389 Writers of Maine**

Historical and literary analysis of writers in and about Maine. The emphasis will be on the literary quality of the best-known men and women writers and the place in history both past and present of the lesser-known writers. Extra credit in the course will be given for a report about any off-campus project related to an author and a particular locality in Maine. English majors should have already taken a survey of American literature; prospective teachers will prepare an annotated bibliography of one author of their choice. Cr 3.

**ENG 394 Contemporary Poetry**

This course will examine the link between conceptions of reality and poetic practice in the work of Williams, Stevens, Plath, Mac Diarmid, Walcott, and Rich. This course runs from July 12th to July 23rd. Cr 3.

**ENG 395 Contemporary Short Story**

Detailed analysis of at least four short story collections by Carver, Cheever, Chekhov, and Woolf to identify contemporary narrative sources, directions, methods and themes. Cr 3.

**ENG 396 The Contemporary Novel**

Through the study of four novels, SOPHIE'S CHOICE by William Styron, ON THE STROLL by Alix Kate Shulman, A PLACE TO COME TO by Robert Penn Warren and RABBITT IS RICH by John Updike, this course will relate narrative strategies and forms to concepts of the anti-hero in the late 20th century. Cr 3.
ENG 502 Fiction Workshop
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 George Garrett and Staff Assistants. Cr 3.

ENG 503 Poetry Workshop
An advanced course in writing poetry. Intensive class discussion of students' poems, with follow-up conferences with Elizabeth Spires, David St. Johns, and staff assistants. Class assignments will explore contemporary poetic techniques and perspectives. Cr 3.

ENG 504 Writing the Contemporary Novel
A graduate course in advanced writing. Undergraduates may enter with permission of the instructor. 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. Cr 3.

ENG 505 Professional Writing
A graduate course in non-fiction writing. Undergraduates may be admitted with permission of the instructor. Professional writing students will prepare manuscripts of from 500 to 2,000 words on assigned topics and meet deadlines. Outlining, researching, drafting and recruiting articles will be emphasized. Students will be required to experiment with different styles of writing. Graphics will be considered as a means of providing non-fiction writing with a supportive dimension of non-verbal communication. Cr 3.

ASTR 105 Astronomy in the Planetarium
For non-science majors. Includes apparent stellar movement and planetary motions, star names and constellation study, stellar magnitudes, stellar navigation and celestial coordinate systems. No prerequisites. Offered fall and spring semesters. Cr 3.

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

GEOL 503 Geological Field Methods
A basic course in field geology. The course is intended to provide a field experience early in the student's program. Students are introduced to the tools and practical techniques used in collecting, compiling and analyzing geological data. Students will have assignments in igneous, metamorphic and sedimentary rocks in southern and eastern coastal Maine. Assignments include observing and collecting geologic data and samples, compass traverses, plotting features on topographic maps and aerial photographs, determining stratigraphy and structures and preparation of geologic reports. Prerequisite: Structural Geology, Mineralogy. Cr 6.

OCN 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. Each semester. Cr 3.

PHYS 009 Prerequisite College Physics
A high school level course which introduces the general concepts of physics. Cr 3.
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<th>Town</th>
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<td>CAS</td>
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This course runs from July 12th to July 23rd

**EARTH SCIENCE, PHYSICS & ENGINEERING**

| P    | ASTR 105 | 01  | LEC  | Astronomy in Planetarium          | CAS  | 3.0  | 7:00-9:40     | MW   | SCI   | pln | Ayers | 60 | 1   |
| P    | GEOL 111 | 01  | LEC  | Physical Geology                  | CAS  | 3.0  | 7:00-9:40     | SCI  | 103  | Novak| 25 | 1   |
| G    | GEOL 350 | 01  | LEC  | Geological Field Methods          | CAS  | 6.0  | 8:30-10:00    | TTH  | BAIL  | 312 | Pollock | 15 | 7   |
| P    | OCN 100  | 01  | LEC  | Intro to Oceanography             | CAS  | 3.0  | 12:30-3:45    | MTW  | SCI   | 103 | Hare  | 40 | 2   |
| P    | PHYS 009 | 01  | LEC  | Pre-College Physics               | CAS  | 3.0  | 4:00-6:40     | 8:30-11:10 | ILC | A | Libby | 20 | 1   |

**FOREIGN LANGUAGE & CLASSICS**

| P    | FRE 101 L1 | LAB  | Beginning French Lab              | CAS  | 1.0  | 12:30-2:30    | MTW  | PAYS  | 203 | Rolfe | 10 | 5   |
| P    | FRE 101 01 | LEC  | Beginning French I                | CAS  | 3.0  | 8:15-10:30    | MTWF | LUTH  | 502 | Rolfe | 35 | 5   |
| P    | FRE 102 L1 | LAB  | Beginning French Lab              | CAS  | 1.0  | 12:30-2:30    | MTW  | PAYS  | 203 | Rolfe | 10 | 6   |
| P    | FRE 102 01 | LEC  | Beginning French II               | CAS  | 3.0  | 8:15-10:30    | MTWF | LUTH  | 502 | Rolfe | 35 | 6   |

**UNDERGRADUATE AND GRADUATE HISTORY**

| P    | HIST 101 01 | LEC  | Western Civilization I            | CAS  | 3.0  | 7:00-9:40     | TTH  | LUTH  | 302 | Cole | 40 | 1   |
| P    | HIST 102 01 | LEC  | Western Civilization II           | CAS  | 3.0  | 7:00-9:40     | TTH  | LUTH  | 302 | Ventresca | 40 | 4   |

**FRE 101 Beginning French I**
Beginner's course in French. Initiation in the four skills of language learning: listening comprehension, speaking, reading, and writing. Students are encouraged to register also for laboratory practice (one more credit).

Cr 3. (With lab, Cr 4.)

**FRE 102 Beginning French II Continuation of FRE 101.**

Cr 3. (With lab, Cr 4.)

**HIST 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, Michaelangelo, and Elizabeth I. The course also introduces students to historical method.

Cr 3.

**HIST 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.
HIST 199
This course will cover the highlights of the economic, social and cultural, military and political history of Portland from George Cleeves' begrudging arrival in 1632 to BIW's expansion in 1982. Special attention will be given to the changing character of the waterfront; fortifications; historic sites; railroads; trolley lines; key industries such as Portland Co., Portland Glass, Browns Sugar House, Burnham & Morrill; leading personalities such as F.O.J. Smith, William P. Fessenden, Thomas B. Reed, Neal Dow, and James Phinney Baxter; churches; recreational activities. There will be walking and riding tours of the area. Admissions will be extra. Cr 3.

HIST 256 World Wars I and II: European War and Diplomacy
A study of the origins, course, and consequences of the First and Second World Wars. The questions of inevitability and responsibility, the nature of total war, the workings of alliances, the effect of the military upon politics, the wisdom of the peace settlements, and the impact of war upon European society are among the subjects to be considered. Prerequisite: HIST 102, 132 or permission. Cr 3.

This course studies in depth the lives of five major political leaders of the 20th Century: Winston Churchill, Adolf Hitler, John Kennedy, Franklin Roosevelt, and Joseph Stalin. The approach is biographical, with considerable emphasis on the personality of each individual in an effort to bring that person alive for students. An effort has been made to select contemporaries whose lives interrelate, thus providing a study of an era. Documentary film footage and readings will accompany lectures and discussions, and a field trip to the Kennedy Presidential Library in Boston is planned for those wishing to go. No prerequisites. Cr 3.

HIST 321 History of Maine
A survey of Maine's social, economic and political life from exploration and early settlement to the present. Cr 3.

HIST 399 American Military History
Development of the United States Military system from colonial times to present. Examination of the principles of war and how they impact on military organizations and tactics are discussed. Student participation in Leadership Laboratory is required. Cr 3.

HIST 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.

HIST 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. Historic sites to be visited will include: Shaker Village, Victoria Mansion, Tate House, Wadsworth-Longfellow House, First Parish Church, the Observatory, Eastern Cemetery, Bath Marine Museum and others within easy range of the University. Cr 3.

HIST 556 World Wars I and II: European War and Diplomacy
A study of the origins, course, and consequences of the First and Second World Wars. The questions of inevitability and responsibility, the nature of total war, the workings of alliances, the effect of the military upon politics, the wisdom of the peace settlements, and the impact of war upon European society are among the subjects to be considered. Prerequisite: HIST 102, 132 or permission. Cr 3.
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<td>Portland, 350 Years of Change</td>
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<td>BAIL</td>
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DEPARTMENT OF HUMAN RESOURCES DEVELOPMENT, ADULT EDUCATION

| G    | EDUA 527 | 01  | LEC  | Intro Adult & Continuing Ed.         | COE  | 3.0     | 6:00-9:15 | MTW      | BAIL  | 204  | Hansen | 25 | 7   |
| G    | EDUA 533 | 01  | LEC  | Staff Dev-Adult & Cont Ed.           | COE  | 3.0     | 7:00-9:40 | TTH      | BAIL  | 206  | Ellis   | 20 | 1   |
| G    | EDUA 540 | 01  | LEC  | Internship in Adult Education        | COE  | 1-15.0  | A      | A      | Whitten | 25 | 7   |
| G    | EDUX 534 | 01  | LEC  | Cont Education in the Prof           | COE  | 3.0     | 7:00-9:40 | MW       | BAIL  | 204  | Callender | 30 | 1   |

EDUA 527 Introduction to Adult and Continuing Education
A survey course designed to explore the scope and significance of adult education and its contribution to society, by means of systematic inquiry into origin, development, purpose, clientele and underlying assumptions of selected programs and by relating these findings to the broader field. Cr 3.

EDUA 533 Staff Development in Adult and Continuing Education
This course is designed to provide the student with an opportunity to learn the techniques of assessing programs and staff needs. Once these needs are identified, a delivery system is devised that provides each staff member with the skills necessary to improve higher performance levels. Cr 3.

EDUA 540 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.

EDUX 534 Continuing Education in the Professions
This course explores the unique needs and learning methodologies responsive to the continuing education of professionals. Attention is given to the professions of education, nursing, medicine, psychology, law and social work. The course is an opportunity to develop material and programs for practitioners in the human service professions. Cr 3.
EDPY 531 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. Cr 3.

EDPY 538 Life Span Development I
This is a two semester course in developmental psychology, a multi-disciplinary field which examines the processes underlying growth, development, and behavioral changes of humans from conception through old age. The interaction of biological and environmental factors will be considered in studying physical, cognitive and psychosocial development through the entire life span. The first semester will focus on the orderly and sequential changes which occur from conception through adolescence. The second semester will continue the examination of those processes from adolescence through old age. Prerequisites: none. Cr 3.

EDPY 539 Life Span Development II
Second half of a two-semester course in developmental psychology, a multi-disciplinary field which examines the processes underlying growth, development and behavioral changes of humans from conception through old age. The interaction of biological and environmental factors will be considered in studying physical, cognitive and psychosocial development throughout the entire life span. Cr 3.

EDPY 562 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. Cr 3.

EDPY 582 Psychological Measurement and Evaluation
This course focuses on group tests and related measurement techniques. The course content includes a review of the history of testing, current issues, fundamental statistics for understanding and evaluating tests, selected aptitude, intelligence, achievement, interest and personality evaluation measures. Cr 3.

EDPY 586 Field Experience
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 (EDPY 590) experience. Prerequisite: Approval of the supervising professor. Cr 1-12.

EDPY 590 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.

EDUX 504 Human Learning
The aim of this course is to study basic principles of learning in relation to human behavior. Consideration is given to alternative learning theories and their application in the field of education. The development of a theoretical and educational position which can include seemingly contradictory interpretations of the learning process will be explored. Cr 3.
COUNSELING

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This course runs from July 6th to July 28th

This course runs from May 17th to August 20th

This course runs from May 17th to August 20th

UNDERGRADUATE AND GRADUATE INDUSTRIAL EDUCATION

| G    | EDU   | 570| LEC  | Technology for Children     | COE  | 3.0 | 4:00-6:40 | MW   |      |
| G    | EET   | 061| LEC  | Digital Systems             | COE  | 3.0 | 7:00-9:40 | TTH  |      |
| G    | IA    | 352| LEC  | Fabrication and Forming     | COE  | 3.0 | 8:15-11:30| MTW  |      |
| G    | IA    | 490| LEC  | Special Problems in IA      | COE  | 3.0 | A        | A    |      |
| G    | IET   | 562| LEC  | Finishing Technology        | COE  | 3.0 | 12:30-3:45| MTW  |      |
| G    | IVE   | 300| LEC  | Occup & Trade Analysis      | COE  | 3.0 | 7:00-9:40 | MW   |      |
| G    | IVE   | 460| LEC  | Independent Study           | COE  | 15.0| A        | A    |      |

EDU 570 Technology for Children
This course is designed to study the world of technology—the science of taking raw materials and making finished products—and its effect on the existing culture. The history and evolution of technology will be traced from its inception to the present with emphasis on changes and technological developments as they affect our present way of life. Emphasis will be placed on identifying curriculum components in the world of manufacturing and construction, energy and transportation, and graphic communications which may be implemented in our schools at the pre-school through grade six level. Cr 3.

EET 61 Digital Systems (UMO course)
An introduction to the design of digital systems including combinatorial logic, sequential machines and the use of MSI and LSI circuits. No prerequisites, however, designed for students with a basic electrical background. Classroom and lab experiences. Cr 3.

IET 562 Finishing Technology
Finishing technology is a three hour graduate level course designed to give a better perspective into finishes being utilized today on wood and metal surfaces. Lectures are designed around word terminology and procedures for providing various finish applications. Lab time is designed to provide practical application in materials and techniques and testing. Cr 3.

IVE 300 Occupational and Trade Analysis
Identification of occupational or trade fields, units, operations, and items of related information. Cr 3.

IVE 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.

IA 352 Fabrication and Forming
Concepts, principles and activities in TIG welding, sheet metal fabrication, and casting techniques as they relate to the manufacturing and construction industries. Group and individual problems and activities. Prerequisite: IA 351 or permission of instructor. Cr 3.

IA 490 Special Problems in Industrial Arts
Provides upper-level students 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 merit. Cr 3.
CS 100 Introduction to Computer Science
A general course designed for students not majoring in mathematics or computer science. Topics will include: history of data processing technology; study of the tools and methods; the application of computers and their economic and social implications; and an introduction to a programming language. Cr. 3.

CS 160 Introduction to Programming: FORTRAN
A study of programming techniques and applications using the FORTRAN language. Prerequisite: none. Cr. 3.

CS 230 Programming in COBOL and RPG
A study of programming languages used primarily in business. Major emphasis will be on COBOL with some emphasis on RPG. Prerequisite: CS 160. Cr. 3.

CS 250 Computer Organization and Planning
An introduction to the structure and organization of digital computers and the use of assembly language programming systems. Prerequisite: CS 161. Cr. 3.

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

MS 001
Students who want to register for MS 009 (Math Skills Lab), MS 010 (Elementary Algebra), or MS 011 (Intermediate Algebra) should register for the appropriate section of MS 001. During the first week of class, students will be tested and/or placed in the appropriate course. MS 001 is a temporary designation for the three courses listed above.

MS 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.

MS 011 Intermediate Algebra
A continuation of MS 010. Prerequisite: MS 010 or one year of high school algebra. Cr. 3.

MS 104 Topics in Mathematics
A general course designed for students not majoring in mathematics or computer science. The emphasis will be on the basic concepts encountered in mathematics as well as the applications of mathematics. The topics presented may be interdisciplinary in nature. A student may enroll twice, with the instructor’s permission, for an additional three hours of credit not to exceed a total of six credit hours for the course. Prerequisites: two years of high school algebra and one year of geometry. Cr. 3.

MS 109 Linear Systems
An introduction to vectors, matrices, and linear systems of algebraic equations; linear programming; elementary functions. Prerequisites: two years of high school algebra and one year of geometry. Cr. 3.

MS 110 Elementary Mathematical Analysis
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. Cr. 3.

MS 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.

MS 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.

MS 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 MS 140. Cr. 4.
## UNDERGRADUATE AND GRADUATE MATH & COMPUTER SCIENCE

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### MS 211 Probability
Discrete and continuous sample spaces; common probability laws; expected values; sampling distributions. Prerequisite: MS 110 or MS 152. Cr 3.

### MS 212 Statistics
Sampling distributions; estimation; hypothesis testing; introduction to regression analysis and analysis of variance. Applications primarily in business and economics. Prerequisite: MS 211. Cr 3.

### MS 232 Geometry for Elementary Teachers
The third course in a three-course sequence in mathematics recommended by the Committee on the Undergraduate Mathematics Program of the Mathematical Association of America for prospective primary and elementary teachers. Emphasis is upon constructions, congruence, parallelism, and similarity. Direct and indirect methods of proof are studied but the main approach is intuitive. Prerequisite: MS 131. Cr 3.

### MS 252 Calculus C
Multivariate calculus and vector calculus. Prerequisite: MS 153. Cr 4.

### MS 508 Theory of Numbers
A basic course in number theory. Topics included: divisibility properties of integers, prime numbers, and congruences. Prerequisite: MS 506 - Foundations of Mathematics Cr 3.

_The mathematician has reached the highest rung on the ladder of human thought._

Havelock Ellis (1859 - 1939)
_The Dance of Life_
MUED 522 Current Trends in Music Education Music and Special Education
This course will deal with specific needs of music teachers involved with special education classes. Situations created by mainstreaming will also be discussed. The instructor will introduce materials and techniques which have been found effective for working with these classes. Instructor Betty Welsbacher, Wichita State University. Cr 3.

MUED 523 Conducting the Concert Band
The course will focus on stylistic study of scores from contrasting periods, and advanced baton and left hand techniques. Literature, rehearsal procedure, and tone and intonation development for all levels of band organizations will be covered. Cr 3.

MUS 100 Music Appreciation and History
A survey of music from the Gregorian Chant to the 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 599 Chamber Music Seminar
The Portland String Quartet is offering a one-week seminar in chamber music intended for the music teacher interested in expanding his/her teaching and performing ability. Emphasis will be focused on but not limited to strings. The schedule will include lectures, master classes and concerts, and each participant will have the opportunity to perform in an ensemble coached daily by the Portland String Quartet, Quartet in Residence at the University of Southern Maine. Cr 3.

NSG 300 Nursing Process I
Introduces the student to basic cognitive, affective and psychomotor skills fundamental to nursing practice. Utilization of the nursing process is emphasized in relation to promotion and maintenance of health of the well individual. Concepts and selected theories provide a basis for understanding the effects of facilitating and inhibiting stressors on MAN’s growth and development. Didactic classroom and experiential learning in the Learning Resource Lab provides the opportunity to practice and develop basic skills which will be applied in selected clinical settings. RN’s receive priority for admission to this course. Cr 3.

NSG 310 Camp Health and Nursing
The course explores individuals of all ages and the summer camp as a community. Prevention activities, management of common health problems, and crisis intervention are explored as well as the independent role of the camp nurse. Issues such as state health regulation, nurse practice acts, accreditation standards, general legal concerns, and collaboration with camp staff are addressed. Open to nursing and non-nursing students. Cr 3.

NSG 311 Health Care of Families with Young Children
Focuses on family dynamics and various parenting styles in contemporary society, examining their effect on the young child (0-3 years). Strategies to promote family development and parenting competencies are studied as components of child health care. The health professional’s role with families in health promotion, maintenance, and management of minor child health problems is examined. Cr 3.
**MILITARY SCIENCE**

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**NURSING**

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| P    | NSG 310 | 01  | LEC  | Camp Health and Nursing   | 3.0 | 8:15-11:30 | MTW   | PAYS  | 301A| Mirochnick/Czupry | 40  | 2        |
| P    | NSG 311 | 01  | LEC  | Health Care Fam Young Child | 3.0 | 7:00-9:40 | MW    | PAYS  | 301A| Rogers      | 40  | 4        |

**DEPARTMENT OF PROFESSIONAL EDUCATION**

**PHYSICAL EDUCATION**

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PE 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. This course qualifies for the P.E. requirement. Cr 3.

PE 221 Experiential Education - The Outward Bound Experience - Hurricane Island Outward Bound School (Summer)

Instruction in the basic and enabling skills in the art of safe mountain travel and winter camping. Course content includes cross-country skiing, snowshoeing, map and compass reading and shelter building. The Outward Bound experience strongly emphasizes leadership development, interpersonal communication, team-building, and group problem solving. This course qualifies for P.E. requirement. Cr 3.

PE 242 Experiential Education - The Outward Bound Experience - Hurricane Island Outward Bound School (Summer) - 10-26 days

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 opportunity to demonstrate the application of each newly learned skill. All students will participate in a solo. (An experience of self-isolation in a natural environment, designed for reflection into yourself.) 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. This course qualifies for the P.E. requirement. Cr 3.
EDU 580 Introduction to Administration
Required first course for all masters degree candidates in educational administration. The course introduces theories of administration and provides each student with 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 581 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 590 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 591 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. Cr 3.

EDU 595 Collective Negotiations
Topics in this course include the following. History and current status of negotiations in Maine public schools, an in-depth study of the negotiating process, existing current contacts, contract grievance procedures, impasse resolution, contract administration, and implications for school administrators. Cr 3.

EDPE 513 Philosophy and Methods of Coaching Basketball
Emphasis on psychology of coaching, methods of teaching and coaching basketball and soccer, specific offenses and defenses analysis, coach-player relationships, team selection, planning of practice sessions, and game situations will be areas of concentration. Coed. Cr 3.

EDU 500 Philosophy and the Teacher
During this course, several educational philosophies will be examined and the individual will analyze the function of the teacher within those frameworks. There will be an investigation of problems in education and schooling from the perspective of the philosophies studied so as to promote understanding regarding educational thought and practice. Cr 3.

EDU 540 Learning Disabilities
An introduction to 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.

EDU 541 Practicum in Exceptionality
A field-based course designed to offer experience in teaching exceptional children. The student may elect to work with either learning disabled, mentally retarded, emotionally disturbed or gifted children. The course emphasizes diagnosis, teaching and development of educational programs and strategies for teaching exceptional children. Prerequisite: An introductory course and a methods course in the exceptional area in which the student elects to work. Cr 1-6.

EDU 572 Child Study for the Early Childhood Professional
This course is designed for students who are or expect to become professionally involved with infants and young children. The content of the course looks at child development from an interdisciplinary approach by studying the basic research for cues about the needs of children and by making a conceptual leap from there to the “real world” of teaching and parenting. Cr 3.
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<td>Organizational Behavior</td>
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### PROFESSIONAL TEACHER

| G     | EDPE 513 01 | LEC | Phil & Meth Coach Basketball | COE | 3.0 | 8:00-8:00 | MTWTF |     | GYMG 201 | Bouchard | 25 | 7   |
| G     | EDU 500 01 | LEC | Philosophy and the Teacher | COE | 3.0 | 4:00-6:40 | MW  |     | BAIL 403 | Chronister | 20 | 1   |
| G     | EDU 540 01 | LEC | Learning Disabilities | COE | 3.0 | 12:30-3:45 | MTW |     | BAIL 304 | Torres | 25 | 5   |
| G     | EDU 541 01 | LEC | Pract in Exceptionality | COE | 1-15.0 | 7:00-9:40 | MW  |     | BAIL 302 | Cohen | 10 | 1   |
| G     | EDU 541 02 | LEC | Pract in Exceptionality | COE | 1-15.0 | 4:00-6:40 | MW  |     | BAIL 302 | Gorman | 10 | 1   |
| G     | EDU 570 02 | LEC | Technology for Children | COE | 3.0 | 4:00-6:40 | MW  |     | BAIL 321 | Nannay | 12 | 1   |
| G     | EDU 572 01 | LEC | Child Study-Professionals | COE | 3.0 | 8:15-11:30 | MTW |     | BAIL 322 | TBA | 25 | 5   |
| G     | EDUX 504 01 | LEC | Human Learning | COE | 3.0 | 12:30-3:45 | MTW |     | BAIL 206 | Chronister | 13 | 5   |
| G     | EDUX 549 32 | LEC | Gifted Education | COE | 3.0 | A | A | A | Gorman | 50 | 1   |

This course runs from June 27th to July 2nd

### READING

| G     | EDU 518 01 | LEC | Teach Read-Content Areas | COE | 3.0 | 7:00-9:40 | MW  |     | BAIL 304 | Knight | 25 | 1   |
| G     | EDU 520 01 | LEC | Teach Read-Child SP Needs | COE | 3.0 | 12:30-3:45 | MTW |     | BAIL 403 | Smith | 25 | 5   |
| G     | EDU 524 01 | LEC | Super Prac in Read Disab. | COE | 1-15.0 | A | A | A | TBA | 10 | 7   |

### EDUX 549 Introduction to Gifted Education
This is an off-campus televised course to be broadcast throughout Maine on Channels 26 (Biddeford), 12 (Orono), 10 (Presque Isle), 13 (Calais), and on Cable Television which televises these channels. The course will feature lectures by leaders in the field of gifted education on the following topics: Introduction to Gifted Education, Program Needs, Teaching Strategies using the Williams Model, Creative Thinking and Self-Directed Learning, Curriculum Planning and Sample Units, and Creative Problem Solving. Course requirements include readings, a project, a final examination and two Saturday Seminars. Cr 3.

### EDU 518 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 520 Teaching Reading to Children with Special Needs
A foundation course in reading designed especially for teachers who work with students who have special needs. The course examines the five stages of reading progress with emphasis on the first three levels. Prerequisites for learning to read, initial reading and rapid development of reading progress. In addition, contemporary approaches for teaching reading, informal and standardized measures for assessing reading and methods and materials are explored. In lieu of EDU 512 or EDU 522 for non-reading major only. Cr 3.
EDU 524 Supervised Practicum in Reading Disabilities
Clinical experiences given in conjunction with the Reading Clinic or the University Reading Academy. Working under supervision, students use selected assessment instruments with adults/children who have learning and reading difficulties. Testing sessions will be unique and geared to specific diagnostic needs perceived by instructors. Cr 3.

EDU 529 Clinical Experiences
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 or equivalents. Cr 3.

EDUX 530 Special Applications of Reading Methods
Independent study, opportunities to apply course experiences in field-based situations are encouraged. Considerable latitude is possible in pursuing options of professional interest in consultation and approval of adviser. Examples of activities include: writing projects (meeting standards of professional journals), intensive clinical experiences, educational consultation and research. Independent options must be approved in writing by the Program Coordinator. Cr 3.

EDUX 552 Organizing Secondary Reading Instruction
Designed to meet the needs of practitioners responsible for planning and implementing reading programs for secondary students and adults. Course experiences have been designed to demonstrate how reading instruction can be organized in secondary school settings. Topics include methods and techniques for group and individual assessment, content and materials for developmental reading programs, organizing and planning instructional schedules and working with content areas teachers. Prerequisites: EDU 512 and EDU 518. Cr 3.

PLY 101 Introduction to Philosophy: Man and His Will
Is there a human will at all? This course will concentrate on the issue of freedom vs. determinism. The importance of the human will insofar as it influences views of experience, politics, society, etc., will also be considered. Cr 3.

PLY 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.

POL 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.

POL 103 Government and Politics of Maine
This course concerns Maine State Government, including legislative, executive and judicial programs and powers as exercised within the system of Maine values, political parties, and interest groups. Open to political science majors and as an elective or special interest to the student who has an interest in the programs and politics of the State of Maine. Cr 3.
### PHILOSOPHY

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### POLITICAL SCIENCE

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**POL 310 Comparative Justice Systems**
A cross-national analysis of the form and substance of modern economic and political contexts in which these systems exist, as well as their historical development. Emphasis is placed on underlying differences in theories of social control in an attempt to understand the role that justice systems and their personnel play in a variety of nation states. Also listed as CJ 215. Cr 3.

**POL 352 Internship in Private and Semi-Public Organizations**
Provision may be made to gain professional experience in administration and research. The course is open only to selected students; see department chairman for details. Students will meet for a series of internship seminars, for which readings and reports will be required. Cr 6.

**POL 353 Municipal Administration Internship**
Provision may be made to gain professional experience in a department or agency of state government. The course is open only to selected students; see department chairman for details. Students will meet for a series of internship seminars, for which readings and research reports are required. The state government internship is available under the Maine State Government Internship Program. Cr 6.

**POL 354 State Internship**
Provision may be made to gain professional experience in a department or agency of state government. The course is open only to selected students; see department chairman for details. Students will meet for a series of internship seminars, for which readings and research reports are required. The state government internship is available under the Maine State Government Internship Program. Cr 6.

**POL 355 Congressional Internship**
Provision may be made to gain professional experience in the local offices of Maine's U.S. Congressmen and Senators. The course is open only to selected students; see department chairman for details. Students will meet for a series of internship seminars, for which readings and research reports are required. Cr 6.
POL 356 Internship in Washington, D.C.
Provision may be made to gain professional experience in a congressional office, an agency of the national government, or with a private or semi-public organization in Washington, D.C. The course is open only to selected students; see department chairman for details. Readings and research reports are required. Cr 9.

POL 395 Independent Study I
A concentrated program of research or study on a particular subject of the student's selection. The topic will be chosen with the advice and under the direction of a faculty member. Admission by permission of the political science faculty. Cr 3.

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 223 Child Development
A systematic study of the behavior and psychological development of children during infancy, preschool and schoolage periods. Analysis of the genetic, prenatal, and postnatal influences on physical, cognitive, and personality development. Prerequisites: PSY 101 and 102. 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 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 361 Sensation and Perception
An examination of perceptual processes in selected sensory systems. Emphasis on experimental methodology, research findings, and theoretical interpretations. Prerequisites: PSY 201 and 205. Cr 3.

RLS 095 Internship
Pre-professional assignment in three recreation settings (e.g., nursing homes for the aged, institutions, agencies, halfway houses, hospitals, parks, camps, playgrounds, schools for the handicapped, penal institutions, and rehabilitation centers). Faculty supervision and guidelines provided. The student must maintain a daily log. Cr 9.

RLS 219 Personal Fitness
This course is intended to help the student understand the basics of physical fitness and to provide sound information for developing a systematic program of exercise and physical activity that best fits the individual's needs. An understanding of how our body responds and adapts to single and repeated bouts of exercise is essential for understanding the limits of our bodies as
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**PSYCHOLOGY**

| P    | PSY 101 | 01  | LEC  | General Psychology I    | CAS  | 3.0      | 8:15-11:30 | MTW  | SCI   | 533 | Saldanha   | 60  | 2        |
| P    | PSY 101 | 02  | LEC  | General Psychology I    | CAS  | 3.0      | 7:00-9:40  | MW   | PAYS  | 301A| Systma     | 60  | 1        |
| P    | PSY 102 | 01  | LEC  | General Psychology II   | CAS  | 3.0      | 8:15-11:30 | MTW  | SCI   | 533 | Saldanha   | 30  | 3        |
| P    | PSY 223 | 01  | LEC  | Child Development       | CAS  | 3.0      | 4:00-6:40  | TTH  | PAYS  | 207 | Gayton     | 60  | 1        |
| P    | PSY 224 | 01  | LEC  | Adolescent Development  | CAS  | 3.0      | 4:00-6:40  | TTH  | PAYS  | 207 | Sanborn    | 64  | 4        |
| P    | PSY 235 | 01  | LEC  | Psychology of Women     | CAS  | 3.0      | 8:15-11:30 | MTW  | SCI   | 103 | Sanborn    | 64  | 6        |
| P    | PSY 333 | 01  | LEC  | Psychopathology         | CAS  | 3.0      | 8:15-11:30 | MTW  | PAYS  | 205 | Bishop     | 60  | 3        |
| P    | PSY 361 | 01  | LEC  | Sensation-Perception    | CAS  | 3.0      | 8:15-11:30 | MTW  | SCI   | 208 | Hearns     | 40  | 2        |

**DEPARTMENT OF HUMAN RESOURCE DEVELOPMENT, RECREATION & LEISURE STUDIES**

| P    | RLS 095 | 01  | LEC  | Internship              | COE  | 9.0      | 8:00-4:30  | MTWTF | Meyer | 10  | 7        |
| P    | RLS 219 | 01  | LEC  | Personal Fitness        | COE  | 3.0      | 7:00-9:40  | MW    | GYMP  | 216A| Folsom     | 25  | 1        |
| P    | RLS 219 | 02  | LEC  | Personal Fitness        | COE  | 3.0      | 7:00-9:40  | MW    | GYMP  | 216A| Folsom     | 25  | 4        |
| P    | RLS 495 | 01  | LEC  | Internship              | COE  | 9.0      | 8:00-4:30  | MTWTF | Meyer | 10  | 7        |

This course is to be taken in the senior year. Students are required to work a minimum of 32 to 40 hours a week at a camp, recreation department, school, agency, hospital, institution, or nursing home. Students are expected to select three different experiences, approximately five weeks at each experience, when possible, and must keep a daily log of their experiences to be passed in to the instructor at the end of the semester. A University supervisor will visit and evaluate each student at least three times during the internship. 

**RLS 495 Internship**

This course runs from May 17th to August 20th.

well as for improving the functional capacity of our heart, lungs, and muscles for the betterment of our health and well-being. In addition to the lecture material, students are provided with laboratory experiences in measuring individual aspects of fitness including body fat, flexibility, strength, respiratory function and functional work capacity. An added aspect of this course is an investigation of the interrelationships among nutrition, weight control, coronary artery disease, stress, and physical activity. There will be discussion of a wide variety of aerobic sports with emphasis on the value and feasibility of lifelong physical fitness activities. The course involves 90 minutes of lecture per week plus three exercise sessions designed to achieve an improved fitness level. Co-ed. Both semesters. 90 minutes lec., three hours lab.  

**RLS 495 Internship**

This course is to be taken in the senior year. Students are required to work a minimum of 32 to 40 hours a week at a camp, recreation department, school, agency, hospital, institution, or nursing home. Students are expected to select three different experiences, approximately five weeks at each experience, when possible, and must keep a daily log of their experiences to be passed in to the instructor at the end of the semester. A University supervisor will visit and evaluate each student at least three times during the internship.  

**RLS 495 Internship**

This course runs from May 17th to August 20th.
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 170 Social Issues
To make a selection from a potentially large number of social issues is to take a definite stand on important theoretical and practical concerns. Accordingly, this course will focus on structural problems of American society (among others, economy, inequality, racism and sexism, work, education, social and health services, criminal justice, the environment) and de-emphasize the issues of individual deviance (substance abuse, mental illness, sexual deviance, prostitution, etc.) which frequently leads to the blaming the victim approach. In addition, drawing on radical-humanist tradition in social science, a systematic critique of American capitalism will be attempted and alternatives to this society as well as strategies of social change will be examined. This course maybe substituted for SOC 101. Cr 3.

SOC 317 Comparative Justice Systems
A cross-national analysis of the form and substance of modern economic and political contexts in which these systems exist, as well as their historical development. Emphasis is placed on underlying differences in theories of social control in an attempt to understand the role that justice systems and their personnel play in a variety of nation states. Also listed as CJ 310. Prerequisite: CJ 215. Cr 3.

SOC 335 Penology and Corrections
The course will focus on the social and political problems of dealing with offenders using an examination and analysis of the interrelations between penology and correction. Prerequisite: SOC 100, SOC 150, or permission of instructor. Cr 3.

SWE 354 Community Laboratory III
An advanced field experience in human services. Prerequisites: SWE 254 and 255 or permission of the instructor. Cr var.

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 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 199 Summer Theater Production
This course is a practicum which will involve students in developing and producing a major summer theater performance. Cr 3.

THE 399 Independent Study
The student will submit a written proposal defining the scope and the limitations of his study. He must submit his project for independent study to the faculty one month prior to the completion of the semester preceding his study. This deadline should be published at least one month prior to the student's deadline. The faculty must approve and determine the credits given to the independent study. If the faculty does not meet before the semester is concluded, the student will not be eligible to do the study until the coming semester. The student will choose a supervisor. It will be the duty of this instructor to closely supervise, advise, and recommend to the student and assure all faculty that each will receive a copy of the proposal before the meeting at which the student's proposal will be presented to the entire faculty. At the completion of the independent study the student will take an oral examination conducted by the entire faculty and chaired by his advisor (Review Board). At the completion of the oral examination the faculty will advise the student's advisor as to their determination of a grade. The advisor will then determine the grade and submit the grade to the Registrar's Office. A student, generally, should not embark on a study until he has taken and completed all of the available course work.
SOCIOLOGY

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<th>Town</th>
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<th>Sec</th>
<th>Type</th>
<th>Course Title</th>
<th>Col.</th>
<th>Cr. Hrs.</th>
<th>Time</th>
<th>Days</th>
<th>Bldg.</th>
<th>Rm.</th>
<th>Instr.</th>
<th>Sz.</th>
<th>Ses. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>SOC 100</td>
<td>01</td>
<td>LEC</td>
<td>Intro to Sociology</td>
<td>CAS</td>
<td>3.0</td>
<td>7:00-9:40</td>
<td>TTH</td>
<td>LUTH</td>
<td>503</td>
<td>Monsen</td>
<td>50</td>
<td>1</td>
</tr>
<tr>
<td>P</td>
<td>SOC 100</td>
<td>02</td>
<td>LEC</td>
<td>Intro to Sociology</td>
<td>CAS</td>
<td>3.0</td>
<td>8:15-11:30</td>
<td>MTW</td>
<td>PAYS</td>
<td>207</td>
<td>Lacognata</td>
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</tr>
<tr>
<td>P</td>
<td>SOC 170</td>
<td>01</td>
<td>LEC</td>
<td>Social Issues</td>
<td>CAS</td>
<td>3.0</td>
<td>8:15-11:30</td>
<td>MTW</td>
<td>LUTH</td>
<td>302</td>
<td>Grzolkowski</td>
<td>40</td>
<td>2</td>
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<tr>
<td>P</td>
<td>SOC 317</td>
<td>01</td>
<td>LEC</td>
<td>Comparative Justice System</td>
<td>CAS</td>
<td>3.0</td>
<td>8:15-11:30</td>
<td>MTW</td>
<td>LUTH</td>
<td>510</td>
<td>Lehman</td>
<td>40</td>
<td>2</td>
</tr>
<tr>
<td>P</td>
<td>SOC 335</td>
<td>01</td>
<td>LEC</td>
<td>Penology and Corrections</td>
<td>CAS</td>
<td>3.0</td>
<td>7:00-9:40</td>
<td>MW</td>
<td>PAYS</td>
<td>209</td>
<td>Anspach</td>
<td>40</td>
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</tr>
</tbody>
</table>

SOCIAL WELFARE

| P    | SWE 354| 01  | LEC  | Community Lab III             | CAS  | 6.0      | 7:00-9:40| M    | LUTH   | 402 | Kreisler | 40  | 7        |

This course runs from May 17th to August 20th.

THEATRE

| P    | THE 101| 01  | LEC  | Introduction to Drama         | CAS  | 3.0      | 8:15-11:30| MTW  | LUTH   | 523 | TBA  | 20  | 2        |
| P    | THE 170| 01  | LEC  | Public Speaking               | CAS  | 3.0      | 7:00-9:40 | MW   | LUTH   | 509 | Power | 20  | 4        |
| P    | THE 170| 02  | LEC  | Public Speaking               | CAS  | 3.0      | 8:15-11:30| MTW  | LUTH   | 402 | TBA  | 20  | 3        |
| G    | THE 199| 01  | LEC  | Summer Theater Production     | CAS  | 3.0      | A        |       | RUSS   | A   | Stump/Kading/Russ | 20 | 7        |
| G    | THE 399| 01  | LEC  | Independent Study             | CAS  | 1-15.0   | A        |       | A      | A   | Stump | 10  | 7        |

This course runs from June 14th to August 15th.

that is necessary to do his study in depth.

Each theatre student is entitled to take six units in either Independent Study or Theatre Projects, or a combination of both not to exceed six units unless the specific proposal is unanimously approved by the theatre faculty.  Cr 3.
Division of Public Service

The Division of Public Service is responsible for the development, coordination, and support of all non-credit programming at USM. Among the units within the Division of Public Service offering courses during the 1982 Summer Session are the Department of Community Programs, the Department of Conferences, the Department of Continuing Education for Nursing and Health Professions, and Greater Portland Lifeline.

For information of Lifeline programs offered this summer, call (207) 780-4170. Programs offered by the other departments are shown as follows:

An Introduction to Conferences

The primary goal of the Department of Conferences is to bring together groups of participants with qualified resource people to share 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.

Conference Planning Service

Department of Conferences offers a total conference planning service. The conference office staff will help in planning a program and its content. It can assist in selection of the following facilities and services:

- University residence/dining halls
- University recreation facilities
- Cultural resources such as art galleries, summer theater, and concerts in the Greater Portland area
- Classroom, auditorium facilities
- Referral to local motels for housing during academic year
- Area tourist facilities

The conference planner will also assist in:
- Promotion and publicity
- Meeting facilities
- Registration services
- Special arrangements, including the selection for resource people
- Post conference evaluations, reports and financial statements.

Conference fees are determined by the Department of Conferences with the assistance of the conference sponsor's planning committee. Program costs will vary with the number of participants, length of program, and special requirements. The staff will prepare a budget to include cost of service desired and will be responsible for collection of fees, payment of expenses and preparation of a financial statement at the successful completion of the conference.
Southern Maine Music Camp

Date: July 11 - 24, 1982
Tuition: Commuting $105.00
        Boarding $295.00
Location: University of Southern Maine, Gorham Campus

The Southern Maine Music Camp will again offer a two-week concentrated musical experience for high school age students. Major ensembles being offered this summer include concert band, jazz band, and choir. In addition, campers will be involved in chamber music and will study basic music theory and music history. Presented during the two-week camp will be several faculty recitals, and the closing concert on July 18 will provide an exciting climax to the camp.

The three major ensemble conductors will be Peter Martin, concert band; and Bob Russell, choir. These conductors will be joined by other instructors and guest lecturers throughout the two-weeks in areas such as voice, percussion, piano, brass, woodwind, theory and history. The Music Camp is under the general program direction of Dr. David Maxwell of USM.

Students can register as either a resident or a commuting camper. The fee for commuting campers is $105.00 which includes tuition and registration fees and scores. The resident camper fee is $295.00 which includes tuition and registration fees, scores, and full room and board for the two weeks.

STIX Field Hockey Camp

This year's STIX Field Hockey camp will be held from August 8 through August 13. The objective of the Field Hockey camp is to provide the highest quality instruction in all phases of field hockey to girls entering grades 7-12. Emphasis will be placed on individual and team instruction. The camp will feature training concepts and programs, discussion on the care and prevention of injuries, modern facilities, and division of competition. Emphasis will be placed on sportsmanship and positive thinking and the World of Field Hockey.

The camp will be under the direction of Janet Willis, head coach at South Portland High School. For the past three years Coach Willis has been the director of the Northeast Field Hockey Camp, she has also coached the Memorial Junior High School Team to five championships in the Greater Portland League in the past five seasons. Joining Coach Willis will be other high school and college coaches from throughout New England.

The registration fee for the STIX Field Hockey Camp is $165.00 for boarding campers or $120.00 for commuting campers. The fee includes tuition, camp shirt, accident insurance and a copy of Field Hockey rules. The commuting fee includes lunch each day, while the boarding fee includes room and board on the Gorham Campus.

To register, or for further information, please contact:

STIX Field Hockey Camp
Department of Conferences
96 Falmouth Street
Portland, ME 04103

A $25.00 non-refundable deposit must accompany your registration. Registration is limited with applications accepted on a first-come, first-served basis.
USM Soccer School

There will be three, one-week sessions of the University of Southern Maine Soccer School. The Day Camp will be held in Portland and the two Boarding Camp sessions will be on the Gorham campus.

• Day Camp ......................... $105.00
  June 28 - July 2, 1982
  (ages 9-11; boys & girls)

• Boarding Camp .................. $165.00
  July 18 - July 23, 1982
  (ages 12-14; boys & girls)
  July 25 - July 30, 1982
  (ages 15-17; boys only)

The purpose of the Soccer School is to provide progressive instruction in the basic soccer skills for young players. It is a techniques and tactics program not a recreational program. All sessions will be organized and demonstrated by licensed United States Soccer Federation teachers, under the program direction of Tim Carter, Head Soccer Coach at Eckerd College in St. Petersburg, Florida. The Camp Director is USM Head Soccer Coach Chris Bowman.

Each year the demand for this camp grows, but we will continue to limit enrollment to 100 campers per session. This limit enables us to provide the high-quality individualized instruction for which the Soccer Camp is well known.

The fee includes registration, tuition, accident insurance, facilities, a copy of the USSF Soccer Rules Guide, and a Soccer School jersey. The Day Camp fee includes lunch each day, while the Boarding Camp fee includes room and board at the USM Gorham Campus.

Each person must have a soccer ball. You may bring your own or purchase one at the camp for $15.00.

To register, please send name, address, age, sex, and session desired, together with a $25.00 deposit to:

USM Soccer School
Department of Conferences
University of Southern Maine
96 Falmouth Street
Portland, Maine 04103

Registrations are accepted on a first-come, first-served basis.
USM SWISH Basketball Camp

There will be two, one-week sessions of the University of Southern Maine SWISH Basketball Camp:

Girls' Week ............. June 27 - July 2
Boys' Week .................. August 1 - 6

Tuition: Commuting - $135.00
Boarding - $165.00

Location: University of Southern Maine, Gorham Campus

The 1982 SWISH Basketball Camp will again be under the program direction of Bob Brown, Assistant Basketball Coach at Boston University. Coach Brown, formerly Head Coach at South Portland High School, is an outstanding clinician and speaker, bringing a great amount of experience working with and motivating young players. Coach Brown will be joined by a number of outstanding clinicians and lecturers from throughout the country. Continuing in the position of Camp Director will be USM Head Basketball Coach, Joey Bouchard.

The SWISH Camp experience seeks to provide the best possible instruction in all phases of basketball to boys and girls entering grades 7 to 12. Each camper will receive individual, team and group instruction and will be involved with each camp coach. The camp also features training concepts and programs, discussion on the care and prevention of basketball injuries, team concepts, modern facilities, divisions of competition, and a positive approach to the world of "SWISH".

There will be two one-week sessions of the SWISH Camp this year. Girls' week is June 27th to July 2nd and Boys' week will be August 1st to the 6th.

The SWISH Camp registration fee for either session is $165.00 for boarding campers or $135.00 for commuting campers. The boarding fee includes tuition, room and board, a "SWISH" shirt and accident insurance. The commuting fee does not include room or breakfast but does include a noon and evening meal.

To register for one of the USM SWISH Basketball Camp sessions, please send the name, address, age, sex and session desired to:

USM SWISH Basketball Camp
Department of Conferences
University of Southern Maine
96 Falmouth Street
Portland, Maine 04103

A $25.00 non-refundable deposit must accompany your registration. Registration is limited with applications accepted on a first-come, first-served basis.
**Elderhostel**

Week I: June 13-19  
Week II: June 20-26  
Week III: June 27-July 3  
Week IV: July 11-17  

Tuition: $150.00 for boarding  
Elderhostelers  
$70.00 for commuting  
Elderhostelers  

Location: University of Southern Maine, Gorham Campus  

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 60 or to those whose spouse or companion qualifies.

The University of Southern Maine will offer four weeks of Elderhostel this summer. The courses being offered in this summer's elderhostel are both challenging and exciting. The courses are non-credit, taught by regular faculty members of USM. There are no exams, no grades, no required homework, and in general do not pre-suppose previous 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 $150.00. This includes tuition, room and board for the week (Sunday dinner through Saturday lunch) and the various extracurricular activities available to hostelers. For local Elderhostelers who do not wish to live on campus, the registration fee is $70.00. The program will be held on the USM Gorham campus.

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

Please include a $25.00 deposit with your registration. Enrollment is limited to 40 people and registrations are accepted on a first come, first served basis.

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The course offerings for each of the Elderhostel weeks are listed below:

**Week of June 13**  

**Individual Privacy in an Age of Computers**  
This course will examine the present capabilities of computers for storing, processing, and disseminating data about citizens and attempt to forecast the capabilities which computers in 1990 and 2000 will possess.

**Infectious Diseases and History**  
This course will study the influence of selected infectious diseases in shaping the events of human history, and the potential impact of infectious diseases on the future world.

**The American Band from 1800**  
This course will cover the history of bands in America by using slides showing bands of the 19th and 20th centuries and presenting recordings of their performances.
**Week of June 20**

**Economic Issues**
A survey of macro-economics including unemployment, the free market, social security and inflation, and their relationship to political issues.

**Short History of the Arabs**
A brief account of the history and culture of the Arab people, beginning in the 6th century and ending in modern times.

**Memory, Drawing and Collage**
An introduction to art-making derived from memory sources, using a variety of drawing and collage materials. Course includes daily studio, critique, and discussion. Appropriate for students of diverse experience.

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**Week of June 27**

**Economic Issues**
A survey of macro-economics including unemployment, the free market, social security and inflation, and their relationship to political issues.

**Sensing the Earth from Space**
This short course is intended to familiarize students with the methods, state of the art and local applications of the new and expanded field of remote sensing from satellites.

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**Week of July 11**

**Music in America: The Colonial Days**
A brief survey of the roots and early trends in American music. This course will cover our musical development through the Revolutionary war.

**The House of Atreus: Aeschylus’ Oresteia Trilogy**
The three Greek plays (Agamemnon, Libation Bearers, Eumenides) of Aeschylus which are recognized to be among the masterpieces of Greek literature will be read and discussed. The plays present some of the basic social and moral problems of humans.

**Astronomy**
This course will present a brief discussion of astronomy and the history of the development of selected major ideas in astronomy.

**Historical Areas of Greater Portland**
A brief history of Portland, Maine, followed by visits to old houses, canals, powder mills, forts and other landmarks which played a role in the history of the area.
The Department of Continuing Education for Nursing and Health Professionals provides continuing education offerings for health professionals such as nurses, pharmacists, physical therapists, occupational therapists, dietitians, respiratory therapists and others at various locations throughout the state of Maine. Programs are offered using a variety of formats: workshops, seminars, evening courses and telephone, known in Maine as Telelecture.

Telelecture is a private inter-active amplified telephone network that takes the shape of a large party line, linking together health care agencies in the State with the Department. Health professionals are able to participate without traveling great distances often in inclement weather with experts in the field who may be anywhere in the country or Canada. The network is used also to conduct meetings economically and effectively with persons at several or all of the sites. It is available to other groups who may wish to conduct meetings or educational programs.

Workshops and courses to be offered This Summer are:

- Competency Based Education and Managing Staff Development - CEU's -1.2
  May 13 & 14
  Portland
  The philosophy and content of competency-based education with methods of application to staff development will provide the focus of this two-day workshop. Topics such as cost-effectiveness, motivation and change theory will also be discussed.
  Designed for - Nurses and others in staff development or faculty positions.
  Cost: To be announced
  Faculty: Dorothy J. delBueno, RN, Ed.D. Assoc. Dean - Continuing Education University of Pennsylvania
Developing Consulting Skills
Portland CEU's - 0.6
June 28
In this exciting activity course participants will develop a plan for expanding their present practice to include consulting to other departments in the health care facility, to other professionals outside the agency, or to the public.

Faculty: Suzanne Johnson, RN, MA
Health Update
Lakewood, CO

Designed for all health professionals in clinical, administrative, and education settings who would like to share their expertise with other professionals or health consumers.

Cost: To be announced

Writing for Publication
Bangor CEU's - 1.2
Co-sponsored w/EMMC

This practical activity workshop will show you how to write for professional or public publications. It will answer such questions as “What Do I Have to Say?” “How Do I Get Started?” “How Can I Find Time to Write?” As a result of this workshop over 90% of manuscripts submitted have been accepted for publication in journals such as AJN, Hospital Topics, AORN Journal, Heart and Lung and many others.

Selected Content:
- Developing a unique idea
- Selecting the target journals
- Avoiding blocks to writing
- Developing the outcome
- Considering copyright issues

Designed for Nurses, dietitians, pharmacists, social workers and other health professionals with or without writing experience, with clinical as well as education or research interest.

Faculty: Suzanne Johnson, RN, MA
Health Update
Lakewood, Colorado

Fee: To be announced

Life at Death
Portland CEU's 0.6
May 20

What is it like to die? The controversy about what the dying see and what it signifies continues. Research continues about persons who have survived a near-death experience and how their lives are affected.

This workshop will explore on-going studies, tapes of unusual near-death experiences, after effects and clinical implications for the health professional.

Designed for RN's, LPN's, counselors, other health professionals in a variety of settings. Enrollment limited.

Faculty: Kenneth Ring, Ph.D., Professor of Psychology
University of Connecticut
President of International Assoc. for Near Death Studies
Author of Life at Death: A Search of Near Death Experiences

Fee: $35.00

Telelecture Courses

Teaching the Post-Coronary Patient
Infection Control in the Dietary Department
Legalities and Collections Procedures

For further information please contact:
Mary Ann Rost
Dir., Department of Continuing Education for Nursing and Health Professions
University of Southern Maine
Phone: 780-4150.

*Other courses to be announced.*
Department of Community Programs

Director........Joanne K. Spear

Our name tells you why we're here - to serve you, the people of the community. Let us know how we can help you and we'll do our best to respond.

Our courses are geared for the adult who needs convenient times, locations and course lengths, who seeks a practical approach, who wants to learn from the professionals.

Our participants are men and women from 18-80 who are active, involved and on the move.

Our role is to bring the University and the Community closer: through our ongoing relationships with business and community groups; through the development of timely and relevant non-credit programs.

Our programs reach out to people from all segments of the community and all walks of life.

Limits

Participants are advised that all classes are limited. When the limit is reached, additional registrations will not be accepted; however, names will be placed on a waiting list.

Tuition Waivers

On a space available basis, tuition waivers for any course listed may be obtained by persons 66 or older.

Community Programs

1982 Summer Offerings:

Have you ever planned a lazy summer only to find you are bored after a few idle days? Why not plan to do something special this summer. Choose a new hobby; calligraphy, piano, floral arranging. Sharpen your reading and writing skills. Learn the secrets of collecting coins and stamps for investment, or enjoy fun and exercise in a dance class of your choice.

The Department of Community Programs is offering you a variety of courses designed to be interesting, informative and just sheer fun. Daytime, evening and young people's classes are available in a relaxed atmosphere. Come, join us and do something really special.

Key to Course Location

CRAS  Center for Research and Advanced Study
FPC    First Parish Church, 425 Congress St., Portland
HG     2nd floor, Hill Gymnasium, Gorham
LB     Luther Bonney Hall
MPR    Multi-Purpose Room
       (Portland Gymnasium)
PHSC   Portland Harbor Sailing Center 47 Central Wharf, Portland
PS     Payson Smith Hall
RG     Roak's Greenhouse, 311 Ocean Ave. Portland
S      Science Building
Department of Community Programs

Registration Form and/or Request for Information

Please register me in the following courses(s) or program(s):

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If available, please send further information on the following course(s) or program(s):

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Early registration is encouraged. With the exception of seminars and institutes, full refunds can be granted when cancellation is received prior to the second class meeting.

Name ........................................................................................................................................................................
Address ........................................................................................................................................................................
City __________________________ State ___________ Zip ______________
Home Phone __________________ Bus. Phone __________________
Soc. Sec. No. ____________________ Occupation __________________

Return registration with check payable to University of Southern Maine

Mail to: Department of Community Programs
University of Southern Maine
96 Falmouth Street
Portland, Maine 04103

Community Programs are designed to be financially self-supporting and, as such, create no financial burden on the University. The right is reserved to withdraw a course because of insufficient enrollment.
# Department of Community Programs

## Schedule:

<table>
<thead>
<tr>
<th>No.</th>
<th>COURSE</th>
<th>FEE</th>
<th>NO. OF WEEKS</th>
<th>STARTING DATE</th>
<th>DAY</th>
<th>TIME</th>
<th>LOCATION</th>
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<tr>
<td>1.</td>
<td>1982 Sailing Institute</td>
<td>See Description</td>
<td>2 Days</td>
<td>6/26 &amp; 6/27</td>
<td>Sat &amp; Sun.</td>
<td>8 a.m.-6 p.m.</td>
<td>PHSC</td>
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<td>2.</td>
<td>Introduction to Canoeing</td>
<td>$70</td>
<td>2 Days</td>
<td>6/26 &amp; 6/27</td>
<td>Sat &amp; Sun.</td>
<td>8 a.m.-6 p.m.</td>
<td>PG</td>
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<td>3.</td>
<td>Arts Education Institute 1982</td>
<td>$100</td>
<td>6 Days</td>
<td>8/23</td>
<td>M.-F.</td>
<td>8 a.m.-5 p.m.</td>
<td>403 LB</td>
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<td>4.</td>
<td>EDS 071-51 Assertiveness Training for Teachers</td>
<td>$90</td>
<td>11 Days</td>
<td>8/2</td>
<td>M.-F.</td>
<td>9 a.m.-12 noon</td>
<td>211 PS</td>
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<tr>
<td>5.</td>
<td>Getting to Know Portland: Its History, People &amp; Architectural Heritage</td>
<td>$40</td>
<td>5</td>
<td>7/8</td>
<td>Th.</td>
<td>7-9 p.m.</td>
<td>FPC</td>
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<tr>
<td>6.</td>
<td>Watching the Birds of Portland and Vicinity</td>
<td>$55</td>
<td>8</td>
<td>6/19</td>
<td>Sat.</td>
<td>10 a.m.-12 noon</td>
<td>302 LB</td>
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<tr>
<td>7.</td>
<td>Job Sharing: New Work Options for New Lifestyles</td>
<td>$50</td>
<td>1 Day</td>
<td>3/10</td>
<td>Wed.</td>
<td>9 a.m.-3 p.m.</td>
<td>302 CRAS</td>
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<tr>
<td>8.</td>
<td>Careers in Travel &amp; Tourism—Romance to Reality</td>
<td>$15</td>
<td>1 Day</td>
<td>4/22</td>
<td>Th.</td>
<td>6-9 p.m.</td>
<td>301A PS</td>
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<td>9.</td>
<td>Seminar for Singles</td>
<td>$55</td>
<td>2 Days</td>
<td>5/22 &amp; 6/12</td>
<td>Sat.</td>
<td>9 a.m.-3 p.m.</td>
<td>302 CRAS</td>
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<tr>
<td>10.</td>
<td>CSLA 13-51 Legal Writing</td>
<td>$75*</td>
<td>4</td>
<td>5/4</td>
<td>Tu &amp; Th</td>
<td>7-9 p.m.</td>
<td>200 PS</td>
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<tr>
<td>11.</td>
<td>CSLA 15-51 Domestic Relations</td>
<td>$85*</td>
<td>5</td>
<td>6/15</td>
<td>Tu &amp; Th</td>
<td>7-9 p.m.</td>
<td>200 PS</td>
</tr>
<tr>
<td>12.</td>
<td>CSSR 10-51 Speed Reading</td>
<td>$60*</td>
<td>6</td>
<td>6/8</td>
<td>Tu &amp; Th</td>
<td>7-9 p.m.</td>
<td>209 LB</td>
</tr>
<tr>
<td>13.</td>
<td>How to Play the Piano, Despite Years of Lessons</td>
<td>$110</td>
<td>8</td>
<td>5/25</td>
<td>Tu &amp; Th</td>
<td>6-8 p.m.</td>
<td>524 LB</td>
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<tr>
<td>14.</td>
<td>CSHS 10-51 Italic Calligraphy &amp; Handwriting</td>
<td>$60*</td>
<td>10</td>
<td>6/22</td>
<td>Tu</td>
<td>7-9 p.m.</td>
<td>105 S</td>
</tr>
<tr>
<td>15.</td>
<td>Coins &amp; Stamps as a Hobby or Investment</td>
<td>$18</td>
<td>1 Day</td>
<td>4/7</td>
<td>Wed.</td>
<td>7-9 p.m.</td>
<td>262 S</td>
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<tr>
<td>16.</td>
<td>Basic Floral Design</td>
<td>$45**</td>
<td>8</td>
<td>6/17</td>
<td>Th.</td>
<td>6-8 p.m.</td>
<td>MPR</td>
</tr>
<tr>
<td>17.</td>
<td>Ballroom Dancing</td>
<td>$45</td>
<td>6</td>
<td>7/15</td>
<td>Th.</td>
<td>6-8 p.m.</td>
<td>MPR</td>
</tr>
<tr>
<td>18.</td>
<td>Jazz Dance</td>
<td>$50</td>
<td>8</td>
<td>6/17</td>
<td>Th.</td>
<td>4-5:30 p.m.</td>
<td>MPR</td>
</tr>
<tr>
<td>19.</td>
<td>Country &amp; Modern Dance</td>
<td>$50</td>
<td>8</td>
<td>6/15</td>
<td>Tu.</td>
<td>5:30 - 7 p.m.</td>
<td>MPR</td>
</tr>
<tr>
<td>20.</td>
<td>Natural Face Lifting</td>
<td>$45</td>
<td>6</td>
<td>7/13</td>
<td>Tu.</td>
<td>7-9 p.m.</td>
<td>211 PS</td>
</tr>
<tr>
<td>21.</td>
<td>Creative Movement for the 2½ - 4 year old</td>
<td>$40</td>
<td>8</td>
<td>6/22</td>
<td>Tu.</td>
<td>10-10:45 a.m.</td>
<td>206 HG</td>
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<tr>
<td>22.</td>
<td>Creative Movement for the Young Child (6-7)</td>
<td>$40</td>
<td>8</td>
<td>6/22</td>
<td>Tu.</td>
<td>11 - 11:45 a.m.</td>
<td>206 HG</td>
</tr>
</tbody>
</table>

*plus a $5 registration fee
**plus a lab fee
1982 Sailing Institute

Tuition: Resident Price: $440.00
Commuter Price: $385.00

Portland Harbor Sailing Center

This summer the University of Southern Maine and Portland Harbor Sailing are joining forces to offer a truly unique opportunity - a one week intensive Sailing Institute. This comprehensive program presents the beginning sailor with an opportunity to spend a challenging and exciting vacation on the water while mastering the fundamentals of sailing.

Maine offers hundreds of miles of strikingly beautiful coastline, but most of us are able to appreciate the beauty only from the shore. Now there is a better way - this summer you could be enjoying Maine's natural splendor at the helm of an Olympic Class sailboat.

The four sessions will be held:
Week 1: May 31 - June 4
Week 2: June 28 - July 2
Week 3: July 19 - July 23
Week 4: August 9 - August 13

Each week-long Institute will include:

Basic Sailing Course

A comprehensive 20 hour course comprised of five hours of classroom instruction and 15 hours of instruction on the water. Completion of this course will give the student a working understanding of: rigging and sails, points of sail, nautical terminology, sail and trim, wind shifts, getting underway, docking and mooring, heading, boat balance, basic coastal navigation, knots, apparent wind, right of way, rudderless sailing, spinnaker techniques, man overboard drills, stopping a sailboat, theory and mechanisms of wind.

Introduction to Night Navigation

One hour classroom experience and four hours on the water giving the student a basic introduction to identification of night navigation signals and the fundamentals of dead-reckoning navigation.

Introduction to Cruising

Classroom orientation plus four hours training time on the water in one of the center's cruising boats, including navigation, anchoring and getting underway, safety procedures and docking and mooring.

Portland Harbor Sailing Center is located on Central Wharf in the heart of Portland's Old Port District. The Center's fleet consists of Olympic class solings, two small cruisers and a large cruising boat. Their first year of operation brought tremendous success with over 300 students, success which can be attributed to a broad choice of sailing and sailing related courses, professional instructors with proven competency in the field and the right blend of classroom instruction and on-the-water experience to maximize student understanding of what is taught and develop a feeling of confidence on the water. Richard Woodrum, president of the Portland Harbor Sailing Center, is the coordinator of the Institute.

Tuition fees for the week-long sessions are as follows:

Resident Price: $440.00
Includes 5 nights housing on the Gorham Campus, all materials, classroom instruction and 23 total hours on the water. Meals may be purchased in the Gorham Dining Center.
Commuter Price: $385.00
Includes classroom instruction, all materials and 23 hours on the water.

To register please send name, address and session desired together with an $85.00 deposit to:

USM Sailing Institute
Department of Community Programs
96 Falmouth Street
Portland, Maine 04103

Instructor: Philip Jagolinzer
This intensive institute is designed to provide a wide variety of arts experiences and arts education strategies for elementary classroom teachers who wish to incorporate more arts education opportunities into their educational program. Following the praise and success of the 1981 Arts Education Institute, this summer’s offering expands to six days and includes five arts disciplines: Art, Dance, Music, Poetry, and Theater. The Institute is limited to 50 teachers, recommended and supported by their principals or school districts. Participants attend morning arts workshops led by visiting artists. Afternoon classes, led by master arts educators from area schools, provide a variety of arts education possibilities appropriate for the elementary school student. Visiting lecturers will share presentations on the relationship of arts, learning, and child development. The Institute will conclude with critiques of arts lesson plans, performances by visiting artists, and information about Maine arts resources and successful arts programs.

Coordinator: Jo-Anna J. Moore

3 re-certification credits (4.5 CEU’s) available for an additional $5.00 fee.
3 graduate credits available for additional fee, field work, and report by 10/9/82.

EDIS 071-51
Assertiveness Training for Teachers

Tuition: $90.00 plus a $5.00 registration fee.

This course is designed for the classroom teacher or aide who wants to deal more effectively with conflict at all levels - personal, interpersonal and organizational. In this workshop you will examine your beliefs about teaching, learning, discipline, responsibility and conflict. You will also analyze your own management style as you interact with others and through creative problem solving develop more options for dealing with conflict. Conflict resolution practice will reinforce understanding. Practicing new WAYS OF COMMUNICATING will assist you in handling unacceptable behavior while helping to maintain a child’s self esteem, and a focus on individual needs will enable you to identify and reduce stress. The workshop will also include time to translate learning into an implementation plan for your classroom including a follow-up session for sharing and evaluating results. Rosalie Byrer’s Affective Education Guidebook has been an important aid to teachers all across the country. (Approved for recertification).

Instructor: Rosalie Byrer

Watching the Birds of Portland and Vicinity

Tuition: $55.00

During the summer months, about 170 species of birds can be regularly found in the woods, waters, meadows and marshes around Portland. Observations of these plus some unexpected rarities is followed by the spectacular yet easily observed southward migration of the shorebirds beginning shortly after the fourth of July. This course is aimed at the removal of major frustrations and guesswork for those starting out in field ornithology. The goal is to elevate one’s expertise - thus heightening one’s enjoyment.

Through a series of seminars featuring multi-media presentations (slides, flying models, tape recordings) and handouts, bird identification will be simplified by studying the configurations and habits of family members, the types of habitats and vocalizations as well as other important aids to identification. Maintenance of a good ornithological field journal will be demonstrated. Field trips (not required but highly advised) will precede each of the weekly seminars. For these, binoculars will be needed and 20 power spotting scopes will be helpful for the shore birds. The textbook, Roger Tory Peterson’s new Field Guide to the Birds East of the Rockies, will be available in the USM Bookstore.

Instructor: Frederick Hamlen

Getting to Know Portland: Its History, People and Architectural Heritage

Tuition: $40.00

The many charms of Portland and its exciting revitalization have propelled this lovely port city into the limelight in recent years. We have all seen the changes taking place. But now we’re offering you the opportunity to learn more about Portland - its history, its architecture, its famous people.
Tourism - Romance to Reality

Careers in Travel and Transportation

Does the travel and tourism profession interest you? This 3-hour seminar covers the various career opportunities available in the travel and transportation fields, with special focus on qualifications and training needed to be considered for hiring. Find out whether you are the type of individual who would benefit from such a career choice, and what steps you can take to make this choice a reality. The seminar will offer participants the information and resources needed to explore opportunities in their area of interest. Discussion of the lure and romance of the industry will help clarify for participants where the "glamour" of the job meets the reality of the actual work.

Tuition: $15.00

Instructor: Ann Carter

Certificate Program for Legal Assistants

Legal Assistants are paraprofessionals in the field of legal services who perform valuable functions which ease the burden of the attorney and thereby increase the productivity of the law firm or business.

The Certificate Program for Legal Assistants is a non-credit program which provides training in the broad range of legal services known as general practice, in addition to more in-depth study in several areas of specialization. Courses are offered either twice a week in the evenings or in a one or two-day seminar format. Instructors are well qualified practitioners in their fields.

Students wishing to obtain the certificate must apply and be accepted to the program; others may take selected courses on a space available basis.

Continuing Education Units will be granted for each course successfully completed.

Instructor: Rich Kingsley and Rhoda Mitchell

Seminar for Singles

Two exciting days designed especially for single men and women of all ages. Whether you are divorced, widowed, never married, or a single parent - you'll find others with whom you can share experiences and concerns. Our purpose in this seminar is to help you examine and create your own single lifestyle. You will gain self-awareness, find ways of improving your relationships with others, and make some new friends.

Tuition: $55.00

Instructors: Rich Kingsley and Rhoda Mitchell

Speed Reading

This course is designed for those who wish to increase reading speed and improve comprehension. Specialized techniques will be utilized to help students develop more efficient and effective approaches to reading. Both materials and methods are individualized so that participants will be able to realize their goals in the most efficient manner.

Instructor: Janice Ryder

Who to Play the Piano, Despite Years of Lessons

Would you like to learn to play by ear? To understand how music is made so you can make your own music? If you want to play popular songs, show tunes, folk, carols, hymns and all the old favorites, then this course is for you. You'll be making music with the first session and in eight weeks you'll see how to express yourself at the keyboard without time on scales or exercises. Here is a sample of student comments: "Before taking this course I was not able to play anything that I enjoyed. Now I can sit at the piano and enjoy what I'm hearing. It's still slow but I can see that I'm improving and best of all - it's fun and sounds good."

*Required copyrighted materials include: textbook, a collection of lead sheet music, two visual aids for chord construction and movement, and an audio supplement which is available in both cassette and LP form.

Tuition Waiver students will be required to pay the $40.00 materials fee.

Instructor: Robert Glover
Basic Floral Design

Tuition: $30.00

Brighten up your summer days with attractive flower arrangements that you create. In this course you'll learn the mechanics of arranging flowers, including color coordination, bow making, center pieces, and creating arrangements on a limited budget. You will also discover plant care techniques to help you grow healthy flowers. Class members will take home arrangements, so a lab fee to cover the costs of flowers should be anticipated.

Instructor: Donald Roak
17

Ballroom Dancing

Tuition: $45.00

Social dancing is one of our most popular pastimes, enjoyed by people of all ages. Dancing is good exercise - it's healthful and it's fun. We invite you to learn the popular ballroom dances of today and yesterday - the romantic waltz, the classic fox trot, the exciting jitterbug, the festive cha-cha, and any other ballroom dance voted for by the class such as the polka, disco, or any of the Latin rhythms - samba, rumba, merengue or tango.

Be forewarned to register early. Our instructor has made learning the fox trot, cha-cha and other basics one of our most popular courses.

Instructor: Donald Roak
18

Jazz Dance

Tuition: $45.00

This course is structured for the beginning dancer who wants to move. Music will include jazz classics, blues, disco and rock. Exercise and routines will be designed to increase coordination, flexibility and rhythmic sense.

Jazz dance will get your heart beating and your feet moving with style and grace. It is so much fun that you may forget just how much your body has stretched and worked itself to stay with music or to hit that pose.

Instructor: Sheila Bellefleur
19

Country and Modern Dance

Tuition: $50.00

This dance class is a unique blend of modern dance techniques and movement with a country flair and style all its own.

With the warm spirited sounds of bluegrass music and banjos to keep the pace, moving and enjoyable steps like skipping, galloping, gliding and walking at various tempos are put together into foot-stomping, knee-slapping, fun-loving dances.

Some creative movement studies may be introduced to teach the basics in dance making and improvisation. This approach helps bring new ideas into the class and gives to the individual a feeling of accomplishment and reward.

Instructor: Susan Charles Nelson
20

Natural Face Lifting

Tuition: $45.00

What is loose, aging, flabby skin really? Merely stretched-out muscles that the years have caused to lose their ability to hold themselves tight and firm. It is not the skin, but the firmness or looseness of the muscle flesh beneath that skin that really portrays a man's or woman's age. The most effective way to slow this process is to shorten the muscle group responsible. In this program we exercise to tighten sagging muscles - lift when the contour has dropped. In addition, we will help you rejuvenate your skin and hair through regular use of natural ingredients in your cleansing/moisturizing regimes. The techniques presented will become a part of your daily routine, helping you to turn back the clock - naturally.

Instructor: V. DeKovens
21

Creative Movement for the 2½ - 4 Year Old

Tuition: $40.00

The young child and participating adult will learn creative movement and muscle strengthening activities. The child will also be encouraged to move independently, to discover that moving to music, rhythms of percussion instruments and sounds of voice can be an inspiration to improvise. Lots of song and dance conclude each session with time for socializing and free play! Some classes may be held outdoors to allow participants to enjoy the summer sunshine.

Instructor: Susan Charles Nelson
22

Creative Movement For The Young Child (5 - 7)

Tuition: $40.00

While refining such motor skills as walking, slapping, galloping, jumping and leaping, children will learn a creative approach to discovering more about themselves, others and the world around them.

Instructor: Susan Charles Nelson
## Academic Officers

Duane R. Wood .................................. Dean, School of Business, Economics and Management  
Audrey J. Conley .................................. Dean, School of Nursing  
George P. Connick .................................. Director of Basic Studies  
Loren W. Downey .................................. Dean, College of Education  
Robert J. Hatala .................................. Dean, College of Arts and Sciences  
L. Kinvin Wroth .................................. Dean, School of Law  

## Administrative Officers

Robert L. Woodbury .................................. President  
Edward J. Kormondy .................................. Provost  
Helen L. Greenwood .................................. Director, Summer School  
Gordon S. Bigelow .................................. Dean, Educational Services  
John F. Keysor .................................. Asst. Dean, Educational Services & Registrar  
Richard H. Sturgeson .................................. Director, Advising and Information Department  
John N. Farrar .................................. Coordinator of Academic Counseling Services  
Cyrus E. Hendren .................................. Coordinator of Information Services  
William U. Small .................................. Associate Registrar  
William G. Mortensen .................................. Director, Public Service  
Kevin P. Russell .................................. Director, Department of Conferences  
Joanne K. Spear .................................. Director, Department of Community Programs  
Mary Ann Rost .................................. Director, Continuing Education for Nursing & Health Professions  
Stephen Reno .................................. Interim Librarian  
Allen Milbury .................................. Director, Educational Media Center  
George Higgins .................................. Director, Business Management Systems  
Charles Lamb .................................. Director, Residence Life  

## Summer Faculty

(Partial Listing)

Albee, Parker; Associate Professor of History  
Allen, Bruce; Associate Professor of Mathematics Education  
Amoroso, Henry; Associate Professor of Education
Anspach, Donald; Associate Professor of Sociology
Ayers, George; Associate Professor of Physical Science
Bergstrom, Linda; Instructor, School of Nursing
Berry, Arthur; Professor of Metals Technology
Bethel, James; Associate Professor of Communication and Department Chairman
Bishop, John; Professor of Psychology and Department Chairman
Boden, John; Instructor of Music
Bouchard, Joey; Associate Professor of Physical Education
Brown, William; Associate Professor of Mathematics and Computer Science
Burke, L. Morrill, Jr.; Associate Professor of English
Carmichael, Peter; Director of Cooperative Education, Asst. Professor of Business Administration
Carper, Thomas; Associate Professor of English
Chabot, Maurice; Associate Professor of Mathematics and Computer Science, and Department Chairman
Chronister, Floyd; Associate Professor of Education
Clarey, Richard; Associate Professor of Business Management
Cobb, Merrill; Professor of Education
Cohen, Libby; Assistant Professor of Special Education
Cole, Phillip; Professor of History
Cole, Ronald; Associate Professor of Music and Department Chairman
Colucci, Nicholas; Associate Professor of Education
Conway, Jeremiah; Assistant Professor of Philosophy
Coogan, William; Associate Professor of Political Science
Crupynna, Louise; Instructor, School of Nursing
Dady, John; Associate Professor of Education
Dietrich, Craig; Associate Professor of History
Duclos, Gloria; Professor of Classics
Dargen, Frank; Professor of Business and Economics
Eastman, Joel; Associate Professor of History
Ellis, Lauret; Assistant Professor of Education
Estes, Robert; Professor of Mathematics and Computer Science
Fickett, Reginald; Associate Professor of Education
Fish, Lincoln; Professor of Mathematics and Computer Science
Fisher, Irving; Associate Professor of Political Science
Folsom, Robert; Associate Professor of Education and Recreation
Foster, Carolyn; Associate Professor of Mathematics and Computer Science
Franklin, Patt; Associate Professor of Art
Freeman, Ardith; Assistant Professor of Music
French, Robert; Associate Professor of Geography-Anthropology
Gallant, Roy; Director of Southworth Planetarium and Adjunct Professor of English
Gavin, William; Professor of Philosophy
Gayton, William; Associate Professor of Psychology
Gish, Nancy; Assistant Professor of English
Gold, Joel; Associate Professor of Associate Business Administration
Grange, Joseph; Professor of Philosophy and Department Chairman
Greenwood, Helen; Director of Summer Session and Associate Professor of Biology
Graewowskl, Slawomir; Associate Professor of Sociology
Gaay, Merle; Professor of Mathematics and Computer Science
Hanna, John; Professor of English
Hare, Parnell; Assistant Professor of Earth Sciences and Department Chairman
Healy, Phyllis; Assistant Professor, School of Nursing
Hearns, Joseph; Associate Professor of Psychology
Houlihan, John; Assistant Professor of Business Law
Hunt, Draper; Professor of History
Irish, Joel; Associate Professor of Mathematics and Computer Science
Jagolinzer, Phillip; Associate Professor of Accounting
Jaques, John; Professor of English
Jellem, John; Assistant Professor of Industrial Education
Jones, Eugene; Assistant Professor of Music
Kading, Charles; Assistant Professor of Theatre
Kim, Young; Assistant Professor of Associate Business Administration
Kivatsky, Russell; Assistant Professor of Communication
Kormondy, Edward; Provost, University of Southern Maine
Kratter, Richard; Professor of Mathematics
Kreisler, Joseph; Associate Professor of Social Welfare
Lacognata, Angelo; Professor of Sociology
Lehman, Peter; Associate Professor of Sociology
Lemelin, Robert; Coordinator of Developmental Studies
Lohmeyer, James; Visiting Instructor of Associate Business Administration
Lyons, Charles; Associate Professor of Special Education
MacDonald, Stephen; Associate Professor of Mathematics and Computer Science
Mckell, Richard; Associate Professor of Associate Business Administration
Malman, Richard; Associate Professor of Political Science
Martin, Donald; Assistant Professor of Adult Education
Martin, Joyce; Professional Staff, College of Education
Maxwell, David; Assistant Professor of Music
Meyer, Linda; Associate Professor of Education
Mirochnick, Linda; Instructor, School of Nursing
Milbury, Allen; Director, Educational Media Center, Associate Professor of Education
Monsen, Henry; Professor of Sociology
Moore, Michael; Associate Professor of Art and Department Chairman
Moore, William; Associate Professor of Metals Technology
Morrill, David; Associate Professor of Graphic Arts
Najarian, Haig; Professor of Biology
Nannay, Robert; Associate Professor of Industrial Arts
Neuberger, Harold; Professor of Science Education
Novak, Irwin; Associate Professor of Geology
O'Donnell Michael; Professor of Education
Peake, Helen; Instructor, School of Nursing
Phillips, William; Assistant Professor of Economics
Pollock, Stephen; Assistant Professor of Geology
Power, Thomas; Associate Professor of Theatre
Purdy, Warren; Associate Professor of Associate Business Administration
Rand, Steven; Director, Computer Center
Rodgers, Marianne; Instructor, School of Nursing
Rogers, Paul; Professor of Mathematics and Computer Science
Rolf, Frederick; Associate Professor of French
Rosen, Kenneth; Professor of English, Director of the Stonecoast Writers' Conference
Russell, Robert; Professor of Psychology
Saldanha, Estelita; Professor of Psychology
Samborn, Jane; Associate Professor of Psychology
Sayers, Frances; Assistant Professor of Communication
Schiffler, Ellen; Assistant Professor of Art
Schwanauer, Francis; Professor of Philosophy
Selkin, Michael; Associate Professor of English
Sheedlesky, Leonard; Assistant Professor of Communication
Silvernail, David; Assistant Professor of Curriculum and Instruction
Slavick, William; Associate Professor of English
Smith, Alan; Professor of Chemistry
Smith Charles; Associate Professor of Education
Southworth, Robert; Professor of Educational Psychology
Soychak, Anthony; Assistant Professor of Mathematics and Computer Science
Stump, Walter; Professor of Theatre and Department Chairman
Sutton, John; Assistant Professor of Counselor Education
Sylvia, Roberts; Instructor of Chemistry
Sytsma, Donald; Associate Professor of Psychology
Taylor, Edward; Assistant Professor of Industrial Education
Tizon, Judy; Associate Professor of Anthropology
Torres, Thelma; Professional Staff, College of Education
Turio, Kathleen; Instructor, College of Education
Walkling, Robert; Associate Professor of Physics
Whitmore, Allan; Associate Professor of History
Wood, Margo; Coordinator of the Reading Academy
Woodbury, Robert; President, University of Southern Maine
Woshinsky, Oliver; Associate Professor of Political Science and Department Chairman
Wright, James; Assistant Professor of Vocational Education
York, Robert; Professor of History

Visiting Faculty
(Partial Listing)

Adams, Julia; Visiting Professor, Chamber Music Seminar; member Portland String Quartet
Bendick, Jeane; Visiting Professor, Explorations in Communication Institute
Bendick, Robert; Visiting Professor, Explorations in Communication Institute
Brewster, Thomas; Visiting Professor, Human Genetics and Birth Defects Institute; Foundation for Blood Research
Brunette, John; Lecturer, Mathematics and Computer Science
Callender, Willard; Professor, College of Education; Center for Research and Advanced Study, U.S.M.
Carroll, Marguerite; Visiting Professor, College of Education; Professor of Education, Fairfield University
Dewster, Jim; Creative Photography Workshop; Lecturer, Department of Art, U.S.M.
Garrett, George; Visiting Professor, Stonecoast Writers’ Conference
Hackett, Harold; Field trip guide, Plants of Maine; Biology Teacher, Cape Elizabeth High School
Haddow, James; Visiting Professor, Human Genetics and Birth Defects Institute; Associate Medical Director, Foundation for Blood Research
Hansen, John; Instructor, College of Education
Hickey, Laura; Instructor, College of Education
Johnson, Bruce; Instructor, School of Business, Economics and Management
Karamessines, Nicholas; Instructor, College of Education
Keskemethy, Stephen; Visiting Professor, Chamber Music Seminar; member of Portland String Quartet
Knight, Margery; Assistant Professor, College of Education
Laatz, Ronald; Visiting Professor, Chamber Music Seminar; member of Portland String Quartet
Libby, Robert; Visiting Instructor, Department of Earth Sciences, Physics and Engineering
Marasco, Rose; Creative Photography Workshop; Lecturer, Department of Art, U.S.M.
McCarthy, Patrick; Chancellor, University of Maine
McWhirter, J. Jaffries; Professor, College of Education; Professor of Counselor Education, Arizona State University
Moore, Jo-Anna; Instructor, Department of Art, U.S.M.
Norton, Ronald; Instructor, School of Business, Economics, and Management
Payson, Stanley; Instructor, College of Education
Porter, John; Lecturer, Mathematics and Computer Science
Rees, Norma; Visiting Professor, Department of Communication; Dean, Graduate Studies, City University of New York
Reynolds, Kerry; Lecturer, Mathematics and Computer Science
Richard, William; Instructor, School of Business, Economics, and Management
Ross, Paul; Visiting Professor, Chamber Music Seminar; member Portland String Quartet
Sattler, Jerome; Visiting Professor, College of Education; Professor, Psychology, San Diego State University
Shalman, Alix Kates; Visiting Professor, Stonecoast Writers’ Conference
Small, R. Daniel; Lecturer, Mathematics and Computer Science
Snow, Susanne; Instructor, College of Education
Spires, Elizabeth; Visiting Professor, Stonecoast Writers’ Conference; Professor of English, Washington College
St. John, David; Visiting Professor, Stonecoast Writers’ Conference; Professor of English, John Hopkins University
Threlkeld, Robert; Professor, College of Education, Center for Research and Advanced Study
Webbacher, Betty; Visiting Professor, Department of Music; Professor, Wichita State University

A Picnic on Sears Island, 1898

On August 4, 1898, the Belfast Republican Journal reported: "An innovation in picnics occurred last Friday under the management of several of our young ladies—a pedestrian trip to Sears Island. About forty ladies and gentlemen of various ages started, and nearly all succeeded in reaching the island, but several of the weaker ones were obliged to send for teams to bring them home. The party arrived on the island about eleven a.m. and partook of lunch soon after. The afternoon was pleasantly spent bathing, playing whist, and rambling about the historic spot." This particular excursion ended on a sour note, for when the young people headed back to Searsport at 6 p.m., they found they found the tide was in and were forced to wait—without supper—until the bar was exposed again.

From A History of Sears Island, Searsport, Maine by Joel Eastman, Associate Professor of History, University of Southern Maine
Phone Numbers and Addresses

Advising and Information Department
96 Falmouth Street
Portland, Maine 04103
Phone: 780-4040
1-800-492-0748

Registrar
96 Falmouth Street
Portland, Maine 04103
Phone: 780-4056

and
37 College Avenue
Gorham, Maine 04038
Phone: 780-5230

Business Office
96 Falmouth Street
Portland, Maine 04103
Phone: 780-4026

and
37 College Avenue
Gorham, Maine 04038
Phone: 780-5200

Summer School Office
228 Deering Avenue
Portland, Maine 04102
Phone: 780-4076

June 10 - August 20, 1982
Lobby Correll Hall
37 College Avenue
Gorham, Maine 04038
Phone: 780-5264

University Operator
780-4141

Office Hours

Portland Campus
Advising and Information Department
All offices are open from 8:00 a.m. to 4:15 p.m. Monday through Friday, April 30 - August 20. Limited service will also be provided from 4:30 p.m. to 8:00 p.m., Monday through Thursday.

Registrar
April 30 - May 14
8:00 a.m. - 4:15 p.m. (Mon.-Fri.)
May 17 - May 21
8:00 a.m. - 8:00 p.m. (Mon.-Thurs.)
8:00 a.m. - 4:15 p.m. (Fri.)
May 24 - July 2
8:00 a.m. - 4:15 p.m. (Mon.-Fri.)
July 6 - July 9
8:00 a.m. - 8:00 p.m. (Tues.-Thurs.)
8:00 a.m. - 4:15 p.m. (Fri.)
July 12 - August 20
8:00 a.m. - 4:15 p.m. (Mon.-Fri)

Business Office
Portland and Gorham
8:00 a.m. - 4:15 p.m. (Mon.-Fri.)

All Offices closed May 31, July 5

Office Hours

Gorham Campus

Registrar
April 30 - May 14
8:00 a.m. - 4:15 p.m. (Mon.-Fri.)
May 17 - May 21
8:00 a.m. - 7:00 p.m. (Mon.-Thurs.)
8:00 a.m. - 4:15 p.m. (Fri.)
May 24 - August 20
8:00 a.m. - 4:15 p.m. (Mon.-Fri.)

Graduate Education Office
408 Bailey, Gorham
May - August
8:00 a.m. - 4:30 p.m.
May 17 - May 20
8:00 a.m. - 7:00 p.m.

Summer School Telephone Numbers: 780-4076
780-5264 (June 10 - August 20, 1982)
# University of Southern Maine

## Schedule of Summer Sessions

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<tr>
<th></th>
<th>Session 1</th>
<th>Session 2</th>
<th>Session 3</th>
<th>Session 4</th>
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<th>Session 6</th>
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<td>7 weeks</td>
<td>4 weeks</td>
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<td>7 weeks</td>
<td>4 weeks</td>
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**Classes begin week of:**
- Session 1: May 17
- Session 2: May 17
- Session 3: June 21
- Session 4: July 6
- Session 5: June 28
- Session 6: July 26
- Session 7: Variable

**Classes end week of:**
- Session 1: June 28
- Session 2: June 7
- Session 3: July 12
- Session 4: Aug. 16
- Session 5: July 19
- Session 6: Aug. 16
- Session 7: Variable

**Last day to withdraw with 100% refund:**
- Session 1: May 14
- Session 2: May 14
- Session 3: June 18
- Session 4: July 2
- Session 5: June 25
- Session 6: July 23
- Session 7: the day before classes start

**Last day to withdraw with 75% refund:**
- Session 1: May 21
- Session 2: May 21
- Session 3: June 25
- Session 4: July 9
- Session 5: July 2
- Session 6: July 30
- Session 7: end of first week

**Last day to withdraw with 50% refund:**
- Session 1: May 28
- Session 2: May 28
- Session 3: July 2
- Session 4: July 16
- Session 5: July 9
- Session 6: Aug. 6
- Session 7: end of second week

**Last day to withdraw with 25% refund:**
- Session 1: June 4
- Session 2: June 4
- Session 3: July 9
- Session 4: July 23
- Session 5: July 16
- Session 6: Aug. 13
- Session 7: end of third week

**Last day to add a course:**
- Session 1: Variable
- Session 2: Variable
- Session 3: Variable
- Session 4: Variable
- Session 5: Variable
- Session 6: Variable
- Session 7: Variable

**Grades mailed:**
- Session 1: July 16
- Session 2: June 25
- Session 3: July 30
- Session 4: Sept. 3
- Session 5: Aug. 6
- Session 6: Sept. 3
- Session 7: within 4 weeks after the end of course

Registration: April 12 through the first class day. (For College of Education graduate students the Friday before classes begin)

Dormitory Room Available: June 21

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## Class Schedule:

**Days:**
- Monday, Tuesday, Wednesday
- 8:15 - 11:30 a.m., 12:30 - 3:45 p.m.
- (except when indicated otherwise)

**Evenings:**
- Monday, Wednesday;
- Tuesday, Thursday
- 4:00 - 6:40 p.m., 7:00 - 9:40 p.m.
- (except when indicated otherwise)

**Holidays:**
- May 31: Memorial Day
- July 5: Independence Day Celebrated
- University Closed - No Classes
Accessible buildings provide entrances (indicated by dots) and elevators adequate for all handicapped persons. Parking areas for the handicapped are shown by dotted areas.

GORHAM CAMPUS

1. Bailey Hall (Science)
2. Bailey Hall (Classroom)
3. Water Tower
4. Bailey Hall (Library)
5. Woodward Hall
6. Russell Hall
7. Corbett Hall (ADMISSIONS)
8. President's House
9. Art Gallery
10. Facilities Management
11. University College of Education, 24 College Avenue
12. Maine Children's Resource Center, 19 College Avenue
13. Tennis Courts
14. Robie Hall
15. Andrews Hall
16. The "Academy"
17. Service Building
18. Tennis Courts
19. Hastings Hall
20. Upton Hall
21. Dining Center
22. Anderson Hall
23. Industrial Education Center
24. Warren G. Hill Gymnasium
25. Heating and Sewage Plants
26. Dickey-Wood Residential Towers
27. Athletic Field
28. McLellan House
29. P23. Student Resident
30. P24. Student Resident
31. P25. Student Resident
32. P26. Student Resident
33. P27. Faculty/Staff/Student Commuter
34. P28. Student Resident
35. P29. Faculty/Staff
36. P30. Student Commuter
37. P31. Faculty/Staff
38. P32. Faculty/Staff
Accessible buildings provide entrances (indicated by dots) and elevators adequate for all handicapped persons. Parking areas for the handicapped are shown by dotted areas.

PORTLAND CAMPUS

29. Payson Smith Hall
30. Bookstore
31. Science Building
32. Portland Gymnasium
33. Central Heating Plant
34. Luther Bonney Hall and Library
35. Student Union Buildings, 92 and 94 Bedford Street
36. Faculty Offices, 7 Chamberlain Avenue
37. Faculty Offices, 3 Washburn Avenue
38. Faculty Offices, 25 Washburn Avenue
39. Faculty Offices, 38 Chamberlain Avenue
40. Cooperative Extension Services, 15 Chamberlain Avenue
41. Faculty Offices, 118 Bedford Street
42. Faculty Offices, 120 Bedford Street
43. President’s and Provost’s Offices, 228 Deering Avenue
44. Faculty Offices, 11 Granite Street
45. Faculty Offices, 39 Exeter Street
46. Maine Public Broadcasting Network, 45 Exeter Street
47. Faculty Offices, 55 Exeter Street
48. Faculty Offices, 59 Exeter Street
49. Faculty Offices, 65 Exeter Street
50. Law School/Center for Research and Advanced Study
51. Alumni House
52. Administrative Offices

P1. Faculty/Staff/Student Commuter
P2. Student Commuter
P3. Student Commuter/Resident
P4. Faculty/Staff/Visitor
P5. Faculty/Staff
P6. Faculty/Staff/Visitor